

**Annual Facility Inspection Report
NPDES Discharges from Municipal Separate Storm Systems (MS4)**

**Illinois Tollway
NPDES Permit No. ILR400494
Reporting Period: March 2022 to March 2023**

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I. Introduction

The Illinois State Toll Highway Authority (Tollway) remains in compliance with the General National Pollutant Discharge Elimination System (NPDES) ILR40 Permit conditions, under the NPDES Permit for Discharge from Small Municipal Separate Storm Sewer Systems (MS4's), Permit Number ILR400494. An annual review of the Stormwater Management Program was completed as required by the ILR40 Permit. This report accounts for stormwater management activities completed towards the fulfillment of the requirements of the Tollway's MS4 permit during the March 2022 to March 2023 reporting period.

II. Special Conditions

A. Total Maximum Daily Loads

The ILR40 permit requires the Tollway to review its Stormwater Management Program to determine if a Total Maximum Daily Load (TMDL) or Watershed Management Plan includes requirements for control of stormwater discharges from Tollway construction or operations. A summary of these receiving waters and their regulatory implications to the Tollway is provided in Appendix A.

B. State Chloride Standards

The DuPage River Salt Creek Workgroup (DRSCW) is a watershed group formed in 2005 to coordinate water quality management activities for the East & West Branches of the DuPage River and Salt Creek. This group is working to improve water quality for several parameters, including chlorides, of which the Tollway is a contributor. The Tollway is an active participant in this watershed group, is part of the DRSCW chloride sub-committee, and regularly attends their meetings. Additionally, the Tollway is an active member of the Metropolitan Water Reclamation District's Chicago Areas Waterways workgroup, whose goal is to reduce chloride loadings to the waterways within the Chicago area.

The application of deicing salt is the most significant water quality concern for the Tollway. Numerous methods to reduce the use of chlorides, while maintaining acceptable road safety and operations, have been explored. The Tollway approaches chloride reduction from two directions: improving the efficiency of Tollway deicing operations and assisting local agencies/communities along Tollway facility corridors to reduce their salt use. Chloride reduction strategies include utilizing new technologies and approaches in salt distribution, and education to increase deicing operators' awareness of environmental impacts of salt, and the importance to reduce the amount used while maintaining safe roadway conditions.

The Tollway continues to improve deicing efficiency through implementation of equipment and practices recommended to the Tollway by Wilfred Nixon, PhD of the University of Iowa, as detailed in previous MS4 Annual Reports:

- The Tollway continues to assess and refine chloride application rates during winter storm events. The standard application rate setting for Tollway salt spreader is 300 pounds per lane mile for dry salt, and rates as low as 100 pounds per lane mile are used where possible, such as locations of lower traffic speeds.
- The Tollway is utilizing three brine production and vehicle application systems to help reduce rock salt application rates required to maintain safe operation conditions. Pre-wetting of rock salt with a brine solution decreases bounce of salt particles, resulting in a more efficient distribution to the pavement. This efficiency can result up to a 25% reduction on salt application rates compared to dry salt, while maintaining a safe level of service. Prior to the 2016-2017 winter season, the Tollway purchased two mobile brine making systems, liquid brine storage tanks for almost all Maintenance Facilities, and truck mounted brine tanks and applicators to furnish the ability to pre-wet rock salt. In 2021 the Tollway installed a stationary, high volume, automatic brine making system at the new M-8 Maintenance Facility in Aurora. This state-of-the-art facility serves as a pilot program to guide similar installations at other Maintenance Facilities.
- The Tollway is leveraging the use of brine solutions to provide greater ability to effectively manage the roadway system under adverse conditions for which standard management practices are not effective, such as but not limited, to sub 15° Fahrenheit air and pavement temperatures. This also reduces the amount of sodium chloride needed.
- Annual training is provided to Tollway Maintenance Facility staff regarding the effective use of brine and other mixtures, such as Beet Heet® and liquid chloride, to reduce the overall chloride distribution rates. Tollway Maintenance Facilities have representative employees present at training events, such as the Illinois Tollway Chloride Reduction Planning workshops held at the Maintenance facilities between October 25 to November 3, 2022 and the APWA Snow Fighters workshop held August 16-17, 2022. Snow Meetings are held at each Maintenance facility in advance of the snow season.
- Maintenance Driver education: During the winter, maintenance Drivers are the people ultimately responsible for the distribution of salt along the Tollway. Tollway environmental staff engage the Maintenance Driver crews at Education meetings, held at each maintenance facility, to discuss the effect salt has on the environment, why the Tollway is committed to reducing salt, and that this can be achieved while maintaining a safe roadway for users. This education aims to empower drivers to act responsibly by understanding they can have a direct effect on the environment.
- One component in the Winter Maintenance Program is receiving accurate and timely identification of approaching storms. The Tollway maintains a contract with a professional meteorological service (Weathernet Services), to provide the Tollway with location-specific weather predictions and conditions for use throughout the Tollway roadway system. The information provided by the weather forecast service provides staff

with Tollway specific forecasts that can help provide more effective pre-planning of winter operations system-wide.

- The Tollway has installed 24 Roadway Weather Information Systems (RWIS) within its system, primary on bridge approaches and bridge decks, to help assess winter pavement conditions in real-time for strategic deicing. The RWIS will also alert in adverse weather conditions like heavy rain, wind, slippery roads, fog, freezing rain and other severe weather conditions. The RWIS system is able to analyze the road surface condition, the amount of snow, water, freezing rain and precipitation events. For 2022, Illinois Tollway ITS Maintenance will provide preventative maintenance to the 24 RWIS sites to keep the RWIS infrastructure to perfect operating conditions.

In 2018, the Tollway changed the installation method from a single lace tower to a two-pole installation. The modularity of the new RWIS installation makes the system flexible and scalable and is available with several atmospheric and road surface sensor options. The new RWIS system measures the following conditions:

- Air temperature/relative humidity
- Precipitation and visibility sensor
- Road surface state and road surface temperature
- Subsurface temperature (embedded in the shoulder not in bridge approach or deck)
- Wind speed/direction sensor

As part of the installation, there will be two pairs of road surface sensors: one pair deployed for monitoring the bridge deck pavement condition per direction of traffic and one pair of laser temperature sensors installed on each pole to adequately monitor the bridge approach and bridge deck road temperature condition.

The new temperature sensor technology precludes the need for drilling holes required to embed the two temperature sensors and install conduit in the bridge structure from the two temperature sensors to the RWIS cabinet. This eliminates potential issues with the integrity of the pavement and complicated maintenance associated with the embedded sensor installation. Moreover, the new installation will provide more accurate and reliable data to reduce chloride use through strategic application.

- The Tollway entered into a Memorandum of Understanding (MOU) with the DuPage River Salt Creek Workgroup to implement a broader chloride offset program, by also partnering with local agencies, to improve their efficiency and reduce chloride use. Per the MOU, the Tollway is entering into intergovernmental agreements (IGAs) with communities adjacent to Tollway corridors who have expressed an interest in the program. The communities who participate in the chloride offset program receive funds from the Tollway to assist in the purchase and implementation of new equipment and

processes to reduce their chloride use. Current IGAs are with the Villages of Bensenville and Wood Dale for water quality permits for the EOWA corridor.

The Village of Bensenville used Tollway funds to upgrade its winter maintenance operations to be more salt efficient. Average salt application rates went from 300 lbs/mile to 200 lbs/mile + 25 gallons of pre-wet per mile; a savings of 14.2% per mile.

The Village of Wood Dale used Tollway funds to upgrade its winter maintenance operations to be more salt efficient. Average salt application rates went from 375 lbs/mile to approximately 300-350 lbs/mile + 3 gallons of pre-wet per mile; a savings of 6-18% per mile.

III. Stormwater Management Programs

The Tollway has achieved the March 2022 to March 2023 reporting year goals for developing, implementing, and enforcing a Stormwater Management Program to reduce the discharge of pollutants to the maximum extent practical. The Tollway's progress for each of its minimum control measures is described below.

A. Public Education and Outreach

The Tollway does not have a traditional public education or outreach program as described in General NPDES Permit No. ILR40, Part IV.B.1 as the Tollway is a transportation agency and not a municipality with a resident population. However, the Tollway does provide information to the public and industry professionals to educate them about stormwater issues, as well as policies and procedures being used to reduce pollutants in stormwater runoff, as discussed below.

2022-2023 Compliance with Permit Conditions:

a. Tollway Website (BMP No. A.6)

The Tollway website contains an "Environment" web page accessible to the public (<https://www.illinoistollway.com/sustainability/stormwater-management>) to share information with the public regarding Tollway stormwater quality initiatives and related topics. Current topics include the *Landscape Master Plan*, green construction and sustainability initiatives, and wetland mitigation and restoration activities. The website is also used to inform the public on the Stormwater Management Program by providing access to current and previous MS4 Annual Reports and NPDES documentation [Notice of Intent (NOI) and Stormwater Pollution Prevention Plan (SWPPP) documents] for active construction projects. The 2023 MS4 Annual Report has been uploaded to the website, and NPDES documentation continues to be updated on an ongoing basis as projects are completed and new projects begin.

The website is also a mechanism for communicating the Tollway's continuous efforts to update policies, manuals, and specifications, including those for protection and management of stormwater. These resources are continuously updated to address new permit requirements and stormwater improvement practices. In order for Tollway contractors and consultants to perform planning, environmental studies, roadway design, construction, and maintenance activities for Tollway assets, these groups must be kept current with changes and revisions to policies and procedures to help reduce pollutants in stormwater runoff and protect environmental resources. In March 2023, the Tollway's *Erosion Control and Landscape Manual* was updated, as well as the erosion control standards in the Tollway Supplemental Specifications. Links to current versions of the Tollway manuals and Supplemental Specifications are available for use and reference by the public on the Tollway website. The Tollway website also contains a "Projects in Your Community" page to share information for major capital improvement projects. One such project that the Tollway began in 2016 (and substantially complete in 2025) is to rebuild the Central Tri-State (I-294) to provide congestion relief and reconstruct dated infrastructure to meet current and future transportation demands. This process includes outreach efforts with customers, communities, businesses and partners to identify regional improvements and continue to refine the design details. As the Tollway moves forward with construction, updates on important issue areas and key project elements will continue to be posted to this page. The website is being used to highlight key policy areas, including stormwater management. Information provided for the project on the web page includes a *Stormwater and Drainage Memorandum*, which outlines the corridor-wide plans to improve stormwater quality and reduce flooding, concept drainage reports, and concept design drawings.

The Tollway has procedures for receiving and considering information submitted by the public. Comments that are received via the Tollway's website are handled by the Communications Department. The Communications Department determines which Tollway department should respond, and the comments are forwarded accordingly. If a telephone call or email is received, it is directed to the Executive Director or Chief Engineer. Any communications that are related to stormwater, green infrastructure, or similar topics are directed to and handled by the Environmental Unit.

The Tollway website provides a valuable, accessible resource for design and construction consultants and the general public to learn about Tollway stormwater initiatives, including steps being taken to reduce pollutants in stormwater runoff. The website provides a central location to convey stormwater program content and information to the public.

b. Water Quality Demonstration Projects (BMP No. A.6)

The Tollway developed a bioswale pilot program to minimize the volume of stormwater runoff and pollutants from its roadways. Intense post-construction monitoring occurred from August 2010 through December 2015, the results of which were detailed in previous MS4 Annual Reports. The north Tri-state (I-294) bioswale demonstration project is complete. Also, the required 3-year period of maintenance and monitoring for the bioswales along I-90 (137 bioswales in region M-6) is also completed and compliance certification has been received from

the USACE. The Tollway continues to monitor the condition of bioswales and basins on IL 390 and the south Tri-State (I-294) improvements.

Reports of the above ongoing bioswale monitoring are available to the public by contacting the Tollway Environmental Unit at environment@getipass.com.

c. Presentations and Seminars (BMP No. A.6)

The Tollway provided and/or participated in several presentations and seminars during the annual reporting period on various stormwater quality topics as follows:

- 3/10/22 – Webinar Non-Point Source Phosphorus Reduction Study
- 3/22/22 – Webinar World Water Day - Groundwater Roundtable
- 4/7/22 – Illinois Urban Manual – Technical Review Committee
- 4/7/22 – East Branch DuPage River Watershed Steering Committee Meeting
- 4/18 to 4/22/22 – Tollway Design and Construction Practices Workshop
- 4/22/22 – Sustainable CT Coffee Hour: Embracing Earth Day with Project Drawdown
- 4/28/22 – gROWing Chicago Habitat Meeting
- 5/2/22 – Local Government Approach to MS4 Programs
- 5/5/22 – Vaisla Training: Setting the New Standard in Sounding Technology
- 5/10/22 – Land Use Meeting with MS4
- 5/17/22 – DCR Landscape Erosion Control Committee
- 5/17/22 – DeKalb County Community Foundation
- 5/18/22 – Land Use Committee Meeting
- 5/18/22 – Kishwaukee Watershed Meeting
- 5/20/22 – Illinois Tollway – Chlorides Reporting 2022
- 6/9/22 – Webinar the Versatility of Compost to Capture, Clean & Divert Stormwater
- 6/29/22 – DuPage River Salt Creek Workgroup Membership Meeting
- 6/29/22 – Bioswale Drawing for the IUM Discussion
- 6/30/22 - CW Café – Mapping the Green Vision: The Chicago Wilderness Hub Support
- 7/14/22 – Clean Fill Division Board of Directors Meeting
- 7/20/22 – Infrastructure Resilience and Mitigation Efforts

- 7/20/22 – Illinois Urban Manual Steering Committee
- 7/20/22 – CW Café: gROWing Chicago: Prioritization Mapping of Chicago Wilderness’
- 8/17/22 – Indian Creek Watershed Planning Meeting
- 9/14/22 – IRTBA ESC/Landscape Committee Seminar Meeting
- 9/22/22 – Illinois Urban Manual TRC Meeting
- 9/21 to 9/23/22 – IDOT Fall Planning Conference (NEPA)
- 10/5 to 10/6/22 – Public Roads Deicing Workshops
- 10/11/22 – Landscape/Erosion Control Meeting
- 10/24/22 – IRWA Webinar
- 10/27/22 – Clean Fill Division Board of Directors Meeting
- 10/25 to 11/3 – Chloride Reduction Program Presentations to Maintenance Garages
- 11/16/22 – Illinois Urban Manual Technical Review Committee
- 11/29/22 – IDOT NEVI Public Outreach Meeting
- 12/7/22 – DuPage River Salk Creek Workgroup Membership Meeting
- 12/7/22 – 2020 West Branch DuPage River Bioassessment
- 1/12/22 – Routine & Long-Term Maintenance for Detention Basins
- 1/19/23 – 2023 Environmental Summit: EV/s in DuPage County
- 1/24/23 – Managing Healthy Landscapes Quarterly Meeting
- 1/31/23 – ESC Seminar Planning Meeting -Landscape/Erosion Control Committee
- 2/2/23 – Clean Fill (CCDD) Division Board of Directors Meeting
- 2/6/23 – CMAP – Illinois Tollway, Transportation Emissions Mitigation Plan
- 2/21/23 – Lake County Designated Erosion Control Inspector Workshop
- 2/21/23 – gROWing Chicago Habitat Steering Committee Meeting
- 2/22/23 – DuPage River Salt Creek Workgroup in Person Annual Meeting
- 2/23/23 – Teaching Sustainable Transportation with FHWA-INVEST

B. Public Involvement/Participation

The Tollway does not have a traditional public involvement/participation program as described in General NPDES Permit No. ILR40, Part IV.B.1 as the Tollway is a transportation agency and

not a municipality with a resident population. However, the Tollway uses various public involvement and participation strategies to effectively improve stormwater quality.

2022-2023 Compliance with Permit Conditions:

a. Public Hearings (BMP No. B.4)

The Tollway periodically holds public hearings, generally for National Environmental Policy Act (NEPA) studies, large-scale projects, toll increase proposals, and bond proposals. When a public hearing is held related to engineering studies or construction, a water quality improvement / erosion and sediment control component is incorporated into the presentation. The water quality component of the public hearing is required for NEPA studies and large-scale Tollway projects, but not for toll increase proposals or bond proposals.

A summary of the public meetings during the reporting period for the above planned construction programs is provided in Appendix C.

b. Program Involvement (BMP No. B.6)

1. The Tollway has developed and maintains numerous manuals to support implementation of the Stormwater Management Program, notably the Tollway's *Environmental Studies Manual*, the *Erosion Control & Landscape Manual*, *Drainage Design Manual*, and *Construction Manager's Manual*. All of these documents contain coordination and check points that involve the review of plans and ensure the implementation of practices for stormwater protection. These documents also ensure program involvement occurs from concept to final design, and through the construction and post-construction processes.
2. Upon request, the Tollway provides NPDES documents and records to local and federal regulatory agencies. Documentation of all such requests are maintained in the Tollway's Web-Based Program Management System (e-Builder). No such requests were made during the March 2022 to March 2023 reporting period.
3. The Tollway maintains regular communication and coordination with regulatory agencies with regard to active and anticipated environmental permits. These are generally limited to U.S. Army Corps of Engineers (USACE) permits under Section 404 of the Clean Water Act (CWA) and IEPA certifications under Section 401 of the CWA. The Tollway initiates coordination early in the planning stage, as soon as the potential for resource impacts is identified. Documentation of all permitting correspondence and coordination meetings is also maintained in the e-Builder filing system.

In July 2018, the Tollway executed a 4-year agreement with the USACE, under Section 214 of the Water Resources Development Act (WRDA). The agreement was signed to facilitate permitting due to the number of programmed projects that will require authorization from the USACE for impacts to "Waters of the United States" pursuant to

Section 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act. The agreement expired in July 2022. A new agreement was reached in which a part time USACE project manager was assigned to the Tollway. This new agreement will run through September 30, 2030.

4. The Tollway is a member of the DuPage River Salt Creek Workgroup and participates in its meetings and activities. The Workgroup has a robust public education and outreach program on stormwater impacts. Appendix B itemizes the workgroup activities that took place during the March 2022 to March 2023 reporting period.
5. The Tollway continues to implement a sustainability program called INVEST (Infrastructure Voluntary Evaluation Sustainability Tool), originally developed by the Federal Highway Administration (FHWA), which has been modified and expanded by the Tollway for its use. This program assesses and promotes the use of sustainable practices as part of Tollway planning, project design and construction, and operations and maintenance, by scoring individual components and awarding achievement levels. The scores and achievement levels inform the Tollway where it is doing well and where improvements can be made. The Tollway requires the use of INVEST for any *Move Capital Program* project that exceeds \$10 million in construction costs. INVEST includes a stormwater component that promotes sustainable stormwater management for both quantity and quality.

In 2022, all projects with a construction cost of over \$10 million were evaluated for sustainability using INVEST. Under the stormwater criterion, projects were scored based on runoff rate control and runoff volume control. One of the two INVEST projects that completed construction in 2022 earned points under this criterion. The Central Tri-State reconstruction from Wolf Road to Balmoral Avenue was constructed to manage runoff at two-thirds of the allowable release rate for a fifty-year storm.

6. The Tollway website contains a “Projects and Initiatives” web page (<https://www.illinoistollway.com/projects>) that provides information about construction projects with additional web links for lane closures and daily construction alerts. The web page also includes various outreach resources “By Corridor” such as past public meeting presentations, notices of open houses, and other public meetings, and e-mail links for the public to submit comments and questions (to solicit input from communities, businesses, elected officials, and environmental and transportation organizations, for planned capital improvements). Current projects on the web page include the Central Tri-State (I-294) Reconstruction and the Elgin-O’Hare Western Access Project. The content of the web page is updated on a regular basis. Currently there is an Outreach link for the Central Tri-State (I-294) Reconstruction - <https://www.illinoistollway.com/outreach/projects-in-your-community/central-tri-state-tollway-i-294>.

7. Tollway construction specifications, design manuals, and policies are continuously updated to address new permit requirements or stormwater quality improvement practices. The process for updating these documents involves portions of public including the Road Builders Association and American Council of Engineering Companies (ACEC-IL) on proposed updates and changes. A formal comment period for the March 2022 to March 2023 reporting period was held in January 2023. The input received, including revisions related to stormwater quality, was considered and incorporated into the 2023 revisions as appropriate. A record of the comments that were received and their dispositions was provided to the industry groups solicited for input. A copy of this record is available to the general public by contacting the Tollway Environmental Unit at environment@getipass.com.
8. Annually, the ACEC-IL hosts the Tollway Design & Construction Practices Workshop. The workshop is attended primarily by design and construction engineers that are involved with Tollway projects, although any member of the public may attend through a paid registration. Attendees review the updates to the Tollway design and construction standards and are encouraged to bring ideas on how the Tollway can improve and innovate. The 2022 annual workshop was held in May, in a virtual meeting format. Copies of all presentations, including stormwater related subjects (Environmental, Erosion Control, Drainage, and Landscape), was made available to the attendees through ACEC-IL. Copies of the presentations will be available to the general public by contacting the Tollway Environmental Unit at environment@getipass.com.

C. Illicit Discharge Detection and Elimination

The Tollway is continuing its approach for long-term surveillance of outfalls and stormwater conveyances, to identify and eliminate illicit discharges. A summary of the illicit discharges that occurred within the Tollway MS4 area during the March 2022 to March 2023 reporting period is provided in Appendix D. The Tollway conducts two different types of inspections which include illicit discharge detection as follows:

- The Tollway conducts an Annual Inspection Program for roadways, structures, facilities, and safety appurtenances. As part of this program, the entire Tollway system has its pavement, right-of-way, drainage, lighting, intelligent transportation system (ITS), bridges, culverts, and safety appurtenances inspected each year. Inspections are conducted by trained inspectors and include an examination of ditches and embankments for signs of erosion, drainage structures for structural integrity, and conditions of stormwater management ponds. When potential concerns are noted, they are documented, assessed, discussed among staff, and possible solutions are presented for response by the respective Tollway Maintenance Manager, with a level of priority assigned. Additional details on this inspection program were provided in the 2021 MS4 Permit application. During these routine inspections, the inspectors are also required to report the presence of any indicators of potential illicit discharges.

- The Tollway's roadway system has been subdivided into five sections for the purpose of inspecting stormwater outfalls for potential illicit discharges. Each year, one of the sections has every outfall to Waters of the U.S. within its boundaries inspected. In addition, designated sensitive outfalls (determined based on stream impairments, TMDLs, watershed plans, sensitive adjacent ecosystems, and adjacent threatened or endangered species) throughout the entire Tollway MS4 area, are each inspected annually. The inspections are performed to identify any evidence of illicit discharges, as well as note existing conditions of the outfall and stormwater quality as it enters and exits the Tollway right-of-way. The inspections look for unusual colors, odors, turbidity, trash/debris, sheens, biological oddities, and other similar indicators of illicit discharges.

In addition to the above, the Tollway currently has twelve (12) Maintenance Facilities located throughout the Tollway system. Staff from the Maintenance Facilities are responsible for mowing, snow removal, maintenance of the roadway and adjacent right-of-way, and patrolling the system daily for defects that may adversely affect the structure of the road, adjacent property, the environment, or public safety. As part of their daily work activities, Maintenance Facility staff have been trained in the identification of illicit discharges.

The Tollway has developed a protocol and trained appropriate staff for the reporting of illicit discharges that occur within the Tollway right-of-way. The individual who notes a suspected illicit discharge completes an Illicit Discharge Notification Form, and the Tollway's Environmental Unit is advised of the issue. The Environmental Unit then conducts further investigation to determine the source and nature of the discharge, and determines if the suspected discharge has left Tollway right-of-way or has been discharged to Waters of the U.S. If it is determined that an illicit discharge has occurred which may endanger human health or the environment, the IEPA is notified verbally within 24 hours and a written 5-Day Report is submitted (unless waived by the IEPA). Illicit discharges are also reported to the IEPA in the MS4 Annual Report.

If it is determined that an illicit discharge has occurred within the Tollway right-of-way, or an area needs further inspections in order to determine if an illicit discharge has occurred, the incident/location is logged into a database that tracks the incident. Each incident/location is given a log number, details of the incident are logged into the database, and a Tollway staff member is assigned responsibility for the incident. Recommended actions, such as follow-up inspections and any other appropriate response actions, are recorded in the database. After the source of any illicit discharge is identified and remedial actions are implemented to eliminate the discharge and prevent further occurrences, the database is updated, and the incident is closed. In this manner, the Tollway can ensure that illicit discharges are responded to, and that appropriate corrective action is taken.

The Tollway complies with the ILR40 Permit Standard Conditions (Attachment H of the permit) to respond verbally within 24 hours of identifying an illicit discharge and submittal of any required written 5-Day Reports. The 24-hour verbal notice and 5-Day Report are provided after

a suspected illicit discharge is investigated, and the Tollway has determined that an actual illicit discharge has occurred.

If it is determined that the illicit discharge within the Tollway right-of-way was caused by an entity other than the Tollway, corrective action is implemented by the responsible party. If the response by the responsible party is inadequate, the Tollway will request one of its approved contractors to respond at the responsible party's expense, including a potential fine for failure to institute appropriate corrective action.

2022- 2023 Compliance with Permit Conditions:

a. Update Storm Sewer System Mapping (BMP No. C.1)

A comprehensive map of the entire Tollway stormwater management system was completed during the five-year period of the original March 2003 General Permit No. ILR400494. Stream crossings, outfalls, ditches/swales, and flow direction were identified on those maps. Remapping of the systemwide stormwater maps began in 2010 with the Tollway having completed most of the re-mapping by 2015. Subsequently, mapping of the stormwater system for the new Elgin-O'Hare Tollway, from mileposts 6.0 to 15.8, commenced and was completed in 2017, following construction of this section. Sewer system mapping will continue over the coming years as the remaining section of the Central Tri-State (I-294), Elgin-O'Hare (IL-390) and I-490 Tollway is completed.

The Tollway's systemwide storm sewer mapping has one-fifth of its system re-evaluated on a yearly basis to determine if stormwater management information is still current. This occurs as part of the Tollway's Annual NPDES Outfall Inspection Program. In addition, the Tollway examines those projects that have occurred since the previous review to determine which segments of the roadway have had significant construction; areas with significant construction are re-mapped. Using both of these methods, the systemwide storm sewer maps are maintained and regularly updated.

The Tollway's asset management system includes all Tollway outfalls, detention basins, culverts (with a diameter or span greater than 4-feet), bioswales, stormwater treatment systems, Waters of the U.S., impaired waters, watershed plans areas, sensitive adjacent land uses (wetlands, high quality aquatic resources, Natural Areas Inventory sites, and threatened or endangered species), watershed boundaries, and other pertinent information that allows for appropriate decision making regarding stormwater management. This database continues to be developed and enhanced to enable the Tollway to more efficiently manage its stormwater management system.

b. Illicit Discharge Inspections and Visual Dry-Weather Screening (BMP No. C.3)

The Tollway conducts annual inspections on the roadway system, including pavement, right-of-way, drainage, structures, lighting and ITS, and safety appurtenances. During these inspections, the inspectors are required to report the presence of any indicators of potential illicit discharges.

The routine roadway system inspections, completed during the March 2022 to March 2023 reporting period, did identify evidence of one suspected and one potential illicit discharge. A potential illicit discharge was located at an outfall upstream of North Fraction Run waterway, located along southbound I-355 at Mile Post 3.4 in the M-14 maintenance section. There was a slight oil sheen and cloudiness in shallow standing water at the upstream and downstream end of the detention basin outlet pipe. A suspected illicit discharge was located at storm sewer outfall upstream of the Fox River, located along westbound I-90 at Mile Post 55.7 in the M-5 maintenance section. There was oil sheen in the shallow standing water at the sewer outlet and the water had a mild fuel odor. There is an autobody shop in relatively close proximity upstream of this outfall. These locations are being inspected again in June 2023 and if there is an indication of an illicit discharge then a detailed investigation will be performed to determine the source of the discharge and to determine a plan of action to eliminate the illicit discharge.

There were two fuel spills reported on Tollway property during the March 2022 to March 2023 reporting period. On November 28, 2022 a truck had a diesel fuel leak on northbound I-355, south of 75th Street, and decided to pull over onto the right shoulder of the 75th Street Exit Ramp (Ramp B). About 50 gallons of diesel fuel from the truck leaked into a Tollway catch basin. The fuel then drained through the Tollway 24"/54" sewer system into Village of Woodridge sewer system out into Crabtree Creek. A private pipe cleaning and a private spill response contractor vacuumed out the diesel fuel from the catch basin. The contractor placed a bio-solve product into the sewer systems and oil dry to soak up the fuel in the shoulder and gutter and also placed a total of 8 oil booms (double rows at 4 locations) between the outfall of the Village of Woodridge's sewer and the upstream of Larchwood Lane Crossing. IEMA and IEPA and the Village were notified. In coordination with the Village, Tollway GEC staff performed follow up inspections on November 29th and 30th to verify that the spill area was properly cleaned and that the bio-solve product and oil booms were effective in eliminating the diesel fuel in the waterway.

On January 10, 2023 some roadside debris punctured the tank of a truck and 30 gallons of diesel fuel was leaked on the roadway along southbound I-294. IEMA and IEPA were notified. Kitty litter was applied to the roadway and the leak of the tank was stopped. A private contractor was dispatched to cleanup and contained the leak.

A summary of the fuel spill related illicit discharges that occurred within the Tollway MS4 area during the March 2022 to March 2023 reporting period is provided in Appendix D.

D. Construction Site Stormwater Runoff Control

The Tollway's *Drainage Design Manual* and the *Erosion Control Landscape Manual* are integral to the construction site stormwater runoff control process. These manuals stipulate state-of-the-art procedures for erosion and sediment control and drainage design. They incorporate elements of the *Urban Manual* and provide checklists to be used during project design plan preparation. In addition, the Tollway has developed and maintains additional manuals to support implementation of the Stormwater Management Program, including the *Drainage Design*

Manual and Construction Manager's Manual. All of these documents contain coordination and checkpoints that involve the review of plans and ensure the implementation of practices for stormwater protection. These documents also ensure that program involvement occurs from concept to final design and throughout the construction and post-construction processes. Refer to Appendix E for a list of construction projects which were completed during the March 2022 to March 2023 reporting period and a NOT was filed with the IEPA. Note that no NOT's were filled within the reporting period.

Erosion and Sediment Control Plans (ESCPs) are reviewed during the various design stages of construction projects. The plans are reviewed by members of the design team, including review and approval by a Licensed Professional Engineer. These plans are also reviewed during development by Tollway staff, the Tollway's General Engineering Consultant (GEC), as well as qualified Independent Soil and Erosion Sediment Control (SESC) Inspectors prior to construction.

The Tollway has a policy that requires erosion and sediment control be discussed with the Contractors on several occasions prior to construction. The Pre-Bid Meeting includes a discussion on the requirements as well as two Pre-Construction Meetings, one of which is solely dedicated to the review of the project SWPPP. Pre-Construction Meetings are required according to the *Construction Manager's Manual* and the *Erosion Control and Landscape Manual*. The Erosion Control Pre-Construction Meeting is required to be attended by the Design Engineer, the Construction Manager (CM), a member of the Tollway Environmental Unit, the Contractor's Erosion and Sediment Control Manager (ESCM), and the Contractor's Erosion/Landscape Subcontractor. Staging, construction techniques, sediment and erosion control methods and installation, inspections, maintenance, and project documentation are among the items that are reviewed and discussed at each Erosion Control Pre-Construction Meeting.

All Tollway construction projects that disturb one acre of land or more are required to develop a project-specific SWPPP. The SWPPP is contained within the Tollway's Special Provision (S.P.) 111 of the construction documents. The requirements of S.P. 111 include the identification of potential sources of stormwater pollutants, description of pollutant mitigation, operational activities, physical controls, and a description of pollutant monitoring that will be used to prevent the discharge of pollutants into the Waters of the U.S. for the duration of a construction project.

In addition to the NPDES Permit No. ILR10 and ILR40 requirements, the Tollway's *Drainage Design Manual* and the *Erosion Control and Landscape Manual* require the SWPPP to address concrete fines from construction projects, utilizing recycled concrete, and also requires the Contractor's ESCM to have successfully completed an approved sediment and erosion control training course. Additionally, the Tollway's *Erosion Control and Landscape Manual* includes requirements that natural buffers be maintained around surface waters, soil compaction be minimized, and topsoil be preserved unless infeasible.

All construction work is subject to regular erosion and sediment control inspections. This is accomplished through the CM's designated Erosion and Sediment Control Site Representative (ESCSR). The CM's designated ESCSR confirms that the SWPPP is being adhered to and performs erosion and sediment control inspections as required by General NPDES Permit No. ILR10. In addition, the Tollway retains the services of a third-party consultant to aid the Environmental Unit staff in monitoring compliance of large projects and projects with a Section 404 permit issued by the USACE. The primary objectives of the independent inspection program are to:

- Ensure conformance of the inspection and record-keeping program implemented by the Tollway CM with the ILR10 permit conditions;
- Ensure the proper and timely installation and maintenance of the controls specified in the ESCP and SWPPP, including any amendments;
- Ensure the effectiveness of the SWPPP and ESCP in controlling erosion and stormwater pollution, including off-site discharges; and
- Provide recommendations to address identified deficiencies and potential non-compliance issues.

Documentation of erosion and sediment control inspections on a weekly basis, as well as following 0.5-inch precipitation events, are required by the ESCSR. These inspections are documented on a Tollway-specific form (A-38 Form). If the inspections identify any erosion and sediment control deficiencies, the Contractor is instructed to make repairs and a timeframe for resolution is specified. If repairs are not satisfactorily made, a non-conformance report is issued to the Contractor. Non-compliance with the SWPPP can include penalties as described in Tollway Supplemental Specification Article 280.02(b) which can range from \$100 to \$10,000 per 24-hour period, depending on severity. Additionally, the Tollway Supplemental Specification Article 280.02(b) includes fines of \$25,000 per 24-hour period, should the Contractor not respond to requests from regulatory agencies.

If any inspection identifies the release of pollutants from the project to Waters of the U.S., either due to a rainfall event that exceeds the erosion and sediment control design capacity, or due to improperly installed/maintained erosion and sediment controls, the Contractor is required to initiate immediate corrective action. In addition, an Incidence of Non-Compliance (ION) report is prepared and submitted to the IEPA.

The Tollway requires all NPDES documentation be maintained in the e-Builder filing system. This system also makes all project-specific stormwater documents available to all assigned project staff.

Once construction of a project is complete, a final inspection occurs to determine that all "punch list" items have been satisfactorily addressed (including any items related to drainage, erosion

control, and landscaping) and that the project has been completed to the satisfaction of the Tollway.

Article 104.06 of the Tollway Supplemental Specifications describes the removal and disposal of waste materials from construction sites, including the restoration of the work area. The right-of-way, stream channels and banks within the right-of-way or affected by the work at drainage structures, borrow pits, other structures, and all areas occupied by the Contractor in connection with the work are required to be cleaned of all rubbish, excess materials, false work, temporary paving, temporary structures, and equipment. If at any time an unknown hazardous waste product is discovered, the Contractor must control access to the site, take immediate steps to prevent migration of waste off-site, and have the material removed by a licensed contractor.

2022-2023 Compliance with Permit Conditions:

a. Regulatory Control Program (BMP No. D.1)

1. All projects under construction during the March 2022 to March 2023 reporting period with one acre or more disturbed area have the required NPDES documentation based on an audit of the e-Builder filing system.
2. All projects with ILR10 permit coverage have a Notice of Termination (NOT) filed post-construction following attaining a minimum 70 percent uniform vegetative cover over the area of disturbance. Refer to Appendix E for a list of construction projects which were completed during the March 2022 to March 2023 reporting period and an NOT was filed with the IEPA. Note that no NOT's were filled within the reporting period.
3. Copies of NOI and SWPPP documents for current Tollway construction projects are provided on the Tollway's website and are available as recorded through the on-line NPDES eReporting Tool (NeT).
4. A copy of this Annual NPDES Report will be placed on the Tollway website.

b. Erosion and Sediment Control BMPs (BMP No. D.2)

1. The Tollway has updated its *Erosion Control and Landscape Manual* and Erosion and Sediment Control Standard Drawings. The updated manual and standard drawings were issued in March 2023.
2. For each construction project with greater than one acre of land disturbing activities, inspections of erosion and sediment control Best Management Practices (BMPs) by the CM and Contractor are required on a weekly basis as well as after a 0.5" rainfall event. An audit was conducted on the Tollway's e-Builder filing system for the March 2022 to March 2023 reporting period. Regular inspections were demonstrated by the filed A-38 Forms. When an erosion or sediment control BMP requires maintenance or replacement,

the Contractor is advised to take corrective action. The BMP maintenance needs and timeframe for repairs are identified on the A-38 Forms. An audit of the filed A-38 Forms for the period from March 2022 to March 2023 confirmed the implementation of required BMP maintenance activities.

The Tollway continues to utilize a team of qualified Independent SESC Inspectors to inspect the various construction projects for erosion and sediment control and NPDES requirements. A kick-off meeting/training session with the Independent SESC Inspection team was conducted in March 2023 to review the key changes to the ILR10 permit conditions, the March 2023 *Erosion Control and Landscape Manual*, and to discuss the procedures for implementation of the inspection program. A record of Independent SESC Inspector assignments for the March 2022 to March 2023 reporting period is available from the Tollway Environmental Unit at environment@getipass.com.

c. Other Waste Control Programs (BMP No. D.3)

Waste removal and restoration of the work area upon completion of the work is ensured through the completion of final inspection and development of Punch Lists. A list of projects during the March 2022 to March 2023 reporting period that were finalized and have punch lists documenting that restoration has occurred is available from the Tollway Environmental Unit at environment@getipass.com.

d. Site Plan Review Procedures (BMP No. D.4)

1. A review of Erosion and Sediment Control Plans on e-Builder for projects active during the March 2022 to March 2023 reporting period indicates each plan was approved by a Licensed Professional Engineer. Documentation of plan reviews completed by Tollway staff and the Tollway's General Engineering Consultant are filed in e-Builder.
2. A review of e-Builder determined that Pre-Construction and Erosion Control Pre-Construction Meetings discussing NPDES requirements were conducted for projects resulting in one acre or more of disturbance. A record of meetings that occurred during the March 2022 to March 2023 reporting period is available from the Tollway Environmental Unit at environment@getipass.com.

e. Site Inspection/Enforcement Procedures (BMP No. D.6)

1. Inspection of construction sites, and proper documentation of erosion and sediment control items, are required on a weekly basis, as well as after a 0.5" rainfall event. The A-38 Form is required to be completed for each inspection and filed within the Tollway's electronic project files (e-Builder). Review of inspection records confirm the completion of weekly and precipitation inspections. When any erosion and sediment control failures

or maintenance needs are noted, the Contractor is advised to take corrective action. Follow-up inspections are performed to confirm that corrective actions were taken. In instances when erosion and sediment control failures or maintenance issues are not addressed, a non-conformance report is issued which may include an assessment of fines against the Contractor. A record of compliance with inspection requirements for the March 2022 to March 2023 reporting period is available from the Tollway Environmental Unit at environment@getipass.com.

There were ten (10) IONs issued on construction projects during the March 2022 to March 2023 reporting period. Corrective actions were taken on all erosion/sediment control failures and reports of the incidents were submitted to the IEPA. Refer to Tollway Environmental for a record of projects where an ION had occurred and was reported to IEPA.

2. A final inspection following all construction projects is required to confirm that all prior punch list items have been satisfactorily addressed, and that the project is acceptable to the Tollway. This inspection confirms that temporary erosion and sediment control BMPs have been removed, the project area is not experiencing any erosion, and all construction waste has been removed. A record of contracts which were completed during the March 2022 to March 2023 reporting period, and have completed punch lists is available from the Tollway Environmental Unit at environment@getipass.com. Envir

E. Post-Construction Stormwater Management

The Tollway implements structural and non-structural BMPs for post-construction projects to reduce the discharge of pollutants and the volume and velocity of stormwater flow to the maximum extent practicable.

The Tollway's primary method for post-construction control is through the required use of the *Drainage Design Criteria Manual*, the *Erosion Control and Landscape Manual*, and the Annual Inspection Program. These manuals require a drainage design that improves water quality and reduces the volume and velocity of stormwater flow.

The Tollway's *Drainage Design Criteria Manual* and the *Erosion Control and Landscape Manual* have been amended to instruct design engineers to design stormwater plans that ensure natural features are preserved, including natural storage and infiltration characteristics, preserve existing natural streams, convey stormwater in open vegetated channels, and construct structures that provide both quantity and quality control (in order of preference).

As part of the Annual Inspection Program, all drainage structures and stormwater management components are inspected, recommendations for needed repairs or maintenance are made, priorities are set for each non-conforming item, and work orders are generated for repairs. This process is facilitated through the use of an asset management software program. This software program records documentation of existing conditions through the use of drop-down menus,

stores photographs taken, provides standard repair methods through drop down menus and provides for notes. Upon completion of the inspections, the software generates a report which is forwarded to the appropriate entities for the development of work orders for the Maintenance Facilities or for generating contract documents.

The Tollway's roadway design criteria require that the 50-year storm event not exceed stormwater elevations less than three feet below the edge of pavement, and that the edge of pavement will not be overtopped for a 500-year storm event. These criteria are more stringent than those followed by other transportation agencies. These criteria also provide an additional factor of safety with respect to potential increases in precipitation due to climate change.

Other stormwater components that accommodate climate change are the Tollway's design for detention basins and storm sewers. Tollway detention basins are designed to have a minimum of two feet of freeboard to the top of berm, making the basins amendable to allowing additional detention storage with a minor adjustment to the overflow and outlet control structures. Storm sewers are designed to accommodate a 50-year storm event, as compared to the regional standard of a 5 or 10-year storm event. Thus, additional conveyance provided beyond the regional standard is already accommodated, providing a design factor of safety with respect to potential climate change impacts.

The rainfall data used by the Tollway is contained within Bulletin 75 (for all projects beginning in March 2020 or later), which was published in March 2020.

The Tollway has developed and implemented a program to minimize the volume of stormwater runoff and pollutants from its roadways. This program is composed of multiple components, including the bioswale program, the chloride reduction program, and annual training.

As discussed in Section II.B of this report, State Chloride Standards, the Tollway collects weather data via a contracted professional meteorological service, pavement sensors, and weather sensors on bridges to determine the level of deicing needed, which may vary across the system, in order to effectively control roadway conditions while minimizing the use of chlorides. The Tollway has a regularly scheduled system-wide roadway surface sweeping program for pollution control, as well as aesthetics.

2022- 2023 Compliance with Permit Conditions:

a. Regulatory Control Program (BMP No. E.2)

1. The March 2022 to March 2023 Annual Outfall Inspection Program identified one potential and one suspected illicit discharges at the inspected outfalls (oil sheen). These locations are being inspected again in June 2023 and if there is an indication of an illicit discharge then a detailed investigation will be performed to determine the source of the discharge and to determine a plan of action to eliminate the illicit discharge.

b. Long Term O & M Procedures (BMP No. E.3)

1. The Tollway continues to implement its roadway sweeping and drainage system cleaning program. Solids removed from the roadway by Tollway maintenance staff are stored at the respective maintenance facility and properly disposed off-site by an outside contractor. The roadway sweepings are disposed of on a regular basis, depending on the quantity of accumulated material. Catch basins and other drainage system components are subject to periodic cleaning by outside contractors. Material removed from the cleaning operations are properly disposed of off-site.
2. The Tollway continually reviews its application rate of rock salt with respect to roadway conditions and storm severity. In general, an average application rate setting of 300 pounds per lane mile is used, but rates ranging between 100-500 pounds per lane mile are also used depending on the severity and duration of the storm, and traffic and road conditions.
3. The Tollway has two mobile brine making systems and liquid storage tanks at each Maintenance Facility that provide all maintenance yards the ability to pre-wet rock salt prior to use. Pre-wetting reduces the bounce (and therefore scatter) of rock salt that can reduce the amount of rock salt needed to effectively treat the road surface by up to 25%. Pre-wetting also 'jump starts' the dissolving of rock salt, which results in more rapid deicing and is used when temperatures are below 20-15 degrees (F) to break up snow/ice.
4. The Tollway also utilizes a liquid brine solution to provide greater ability to manage the roadway system under adverse conditions for which standard management practices are not effective, such as but not limited to, sub 15° Fahrenheit air and pavement temperatures, which reduces reliance on rock salt.
5. The Tollway has contracted with a professional meteorological service, Weather Command, a private forecasting company that provides the Tollway with location specific predictions and conditions. Accurate weather information helps maintenance personnel better prepare a plan for deicing activities for each pending storm event. Pavement sensors strategically located along the 294 miles of the Tollway monitor pavement conditions in real time to better facilitate more efficient and targeted application of deicing substances.
6. The Tollway conducted a study to determine the effectiveness of bioswales to minimize the volume of stormwater runoff and pollutants from public highways. The bioswale program is discussed in detail under BMP No. B.1. Based on this five-year study, it is known that bioswales reduce turbidity (a measure of TDS) by 35 to 76 percent, specific conductivity (a measure of TDS and chlorides) by 23 to 97 percent, up to 30 percent of the stormwater by volume, and up to 71 percent reduction in roadway metals of interest. Based on this study, the Tollway has developed standard drawings for bioswales and is preferentially installing them where possible. Bioswales have been installed as part of

the ongoing construction of the Elgin-O'Hare Tollway (IL-390), south Tri-State (I-294) and are also being considering in the planning and design for the new I-490 project.

7. Annual training for Tollway employees, in particular those employees that work at the Maintenance Facilities and are responsible for maintaining the roadways, began in 2016. The training program includes topics related to stormwater pollution reduction, operations of storage yards, deicing material handling and use, proper disposal of street cleaning debris, proper storage of erodible material, green infrastructure (primarily the maintenance and repairs of bioswales and wetland detention ponds), aquatic habitat, management of pesticides and fertilizers, erosion and sediment control, ditch maintenance, etc. Representatives from each maintenance section attended the annual winter meetings in October/November 2022 to obtain training on the use of materials for deicing. Additionally, the Maintenance Section Manager and/or Supervisor who participated in the 2022 Annual Maintenance Facility SWPPP Inspections were provided with real-time training on stormwater pollution reduction, operations of storage yards, deicing material handling, storage and disposal of street cleaning debris, and storage of erodible material.
8. The Tollway's policy for material and runoff control at fueling stations and storage facilities requires that all Maintenance Facilities have absorbent materials (Oil Dry®) on-site and available during all shifts for any spills that may occur. Additionally, the Tollway Help Trucks, which help drivers who have requested roadside assistance, have sand, No Flash® (for gasoline spills), BioSolve® (for diesel spills), and absorbing pillows.

c. Pre-Construction Review of BMP Designs (BMP No. E.4)

1. A review of e-Builder determined that Pre-Construction and Erosion Control Pre-Construction Meetings discussing NPDES requirements were conducted for projects that would result in one acre or more of disturbance. Refer to Appendix E for a record of meetings that occurred during the March 2022 to March 2023 reporting period.
2. The rehabilitation of the central portion of the Tri-State Tollway (I-294) is currently under construction, and several advanced contracts began construction in 2022. The early design efforts are utilizing the Tollway's INVEST program to generate design items that enhance sustainability. Among other initiatives, the Central Tri-State Program is incorporating stormwater storage that can accommodate increased stormwater volume that may occur as a result of climate change. In particular, the Central Tri-State Program is designing stormwater storage for 100-year storm events, which exceed current regional stormwater storage design requirements.
3. Permanent stormwater BMPs have been incorporated into the recently completed widening of the Jane Addams Memorial Tollway (I-90) and the on-going construction of the Tri-State Tollway (I-294) and Elgin-O'Hare Tollway (IL-390). Because the

reconstruction/construction of these facilities results in an increase in the amount of impervious surface in their respective watersheds, the Tollway is constructing extensive stormwater management features to improve water quality prior to discharging it to downstream waterways by maximizing stormwater filtering and infiltration. The intent, to the extent possible, is to pass all stormwater through at least one BMP prior to discharging from the Tollway right-of-way. In most cases, stormwater will pass through several BMPs, aligned as a treatment train, to capture pollutants and promote infiltration of runoff. The Tollway has recently been incorporating the use of stormwater treatment structures such as hydrodynamic separators in areas where there is limited available right-of-way or where soil/groundwater conditions make detention basins or open swales infeasible. Refer to Appendix H for a summary of the types and locations of the stormwater treatment systems that have been installed on the Tollway system. A Tollway template special provision for Stormwater Treatment System is also included in Appendix H.

d. Site Inspections During Construction (BMP No. E.5)

1. During the March 2022 to March 2023 reporting period, erosion and sediment control inspections were conducted at all construction projects that disturbed one acre or more of land. Documentation has been filed in the Tollway's electronic files (e-Builder). Refer to Appendix E for a record of construction projects with completed A-38 Forms.

2. Post Construction Inspections (BMP No. E.6)

1. A punch list is prepared near the end of a construction project listing work not conforming to contract specifications that the Contractor must complete prior to final payment. A final inspection occurs to determine that all punch list items have been satisfactorily addressed (including any items related to drainage, erosion control, and landscaping) and that the project has been completed to the satisfaction of the Tollway. Refer to Appendix E for a list of construction projects which were completed during the March 2022 to March 2023 reporting period and have had completed punch lists and NOTs filed with the IEPA. Note that no NOT's were filled within the reporting period.

F. Pollution Prevention/Good Housekeeping

The ILR40 Permit requires annual training for operations and maintenance staff and contractors as discussed in General NPDES Permit No. ILR40, Part IV.5. Maintenance Facility staff are trained annually, as well as contractors, in conjunction with the annual updates of the Tollway's *Erosion Control and Landscape Manual* and Erosion and Sediment Control Standard Drawings. Additionally, Maintenance Facility staff are provided with annual training on various pollution prevention and good housekeeping topics.

The Tollway Maintenance Facilities minimize the discharge of pollutants to stormwater in a variety of ways. Vehicle washing currently occurs within the maintenance buildings, with wash water discharged to sanitary sewers. New Tollway Maintenance Facilities are being designed with stand-alone vehicle washing buildings. Erodible material stockpiles, such as street sweepings or asphalt grindings, are managed outdoors, but in a manner that minimizes the material entering the storm sewers. These stockpiles are inspected annually as part of the SWPPP inspections to confirm that material is not being released to outside of the right-of-way, or to Waters of the U.S. Deicing material is stored in a permanent structure, and other chemicals, herbicides, and pesticides are stored inside the Maintenance Facilities. All flammable or reactive chemicals are stored in a metal fire safe locker. The annual SWPPP inspections undertaken at each Maintenance Facility confirm that these chemicals are stored appropriately.

As recommended by the IEPA in 2010, a stormwater pollution prevention plan (SWPPP) for the Tollway's Maintenance Facilities was prepared in 2012 in general accordance with the requirements of the IEPA National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges from Industrial Activities, Permit No. ILR00. Per the SWPPP, inspections occur annually, reports are generated, and recommendations for corrective actions made.

The SWPPP established a Pollution Prevention Team, an inventory of potential pollutants with an assessment of risk of exposure to stormwater, a set of preventive maintenance and mitigative measures for controlling pollution via stormwater, elimination of any non-stormwater discharges into the stormwater system, an employee training program, and an inspection and record-keeping process. In compliance with the SWPPP, the Tollway's Maintenance Facilities are formally inspected annually by the Tollway GEC, accompanied by the Facility Manager for each facility. The annual comprehensive site inspection and evaluation is performed during dry weather to evaluate the effectiveness and adequacy of the requirements contained within the SWPPP. Inspections verify that the site drainage conditions and potential pollution sources identified in the SWPPP remain accurate and that the BMPs prescribed in the SWPPP are being implemented, properly operated, and adequately maintained.

2022- 2023 Compliance with Permit Conditions:

a. Employee Training Program (BMP No. F.1)

1. Tollway employees charged with pesticide spraying are licensed for proper rate and location applications. The Tollway maintains NPDES Permit No. ILG870228 for the application of pesticides. The Tollway's use of pesticides remains below the threshold that requires recordkeeping and annual reporting related to the pesticide permit.
2. The Tollway updated its *Erosion Control and Landscape Manual* and *Drainage Design Manual* in March 2023. In support of these releases, the Tollway conducted a training session in August 2022 for Tollway employees, Design Engineers, and Construction

Managers who work on Tollway projects. This training session also highlighted the latest BMP technologies supported by the Tollway.

Representatives from each maintenance section attended the annual winter meetings in October 2022 to obtain training on the use of materials for deicing. In addition, the Maintenance Section Manager and/or Supervisor who participated in the 2022 Annual Maintenance Facility SWPPP Inspections completed in December 2022 were provided with real-time training on stormwater pollution reduction, operations of storage yards, deicing material handling, storage and disposal of street cleaning debris, and storage of erodible material.

b. Inspection and Maintenance Program

1. The Tollway continues to implement its annual inspection and maintenance program for its maintenance facilities in accordance with the Maintenance Facility SWPPP. The annual inspections of the Tollway Maintenance Facilities occurred during the reporting period in May and December 2022. Reports were generated and recommendations for corrective measures or other actions were provided to the Maintenance Facilities. A summary report, including individual reports for each facility, can be found in Appendix F.
2. In addition to the above annual inspections, routine inspections are conducted by facility personnel on a daily basis during their regular work duties.

c. Municipal Operations Storm Water Control

1. The Tollway continues to implement its annual inspection and maintenance program for its maintenance facilities in accordance with the Maintenance Facility SWPPP. The annual inspections of the Tollway Maintenance Facilities occurred during the reporting period in May 2022 and December 2022. Reports were generated and recommendations for corrective measures or other actions were provided to the Maintenance Facilities. A summary report, including individual reports for each facility, can be found in Appendix F.
2. All construction projects that began during the March 2022 to March 2023 reporting period have been reviewed for conformance with the stormwater control regulations required by the Tollway's *Drainage Design Manual*.
3. The Tollway is continuing a program to reduce the use of chlorides system-wide, based on recommendations made by Dr. Wilfred Nixon. Refer to Section II.B for a complete description.
4. The Tollway had undertaken a study to determine the effectiveness of treating stormwater from roadway runoff through the use of bioswales (Refer to Section III.A). Results

indicate that bioswales can be very effective at treating stormwater runoff, and the Tollway developed standards for bioswale construction. These standards are being used for the ongoing construction of the Elgin-O'Hare Tollway (IL-390) and are being incorporated into designs for the new I-490 Tollway.

5. The Tollway is continuing to implement the provision of its *Waste Management Manual* which was updated in 2016. New practices and procedures include: vehicle wash water is not allowed to infiltrate into the ground, salt storage occurs only in permanent structures, salt loading/unloading is performed to minimize the potential contact with stormwater, salt loading areas are located away from storm drains to the furthest extent possible, and spilled salt is returned to the salt dome in a timely manner.
6. The Tollway is continuing construction of the Elgin-O'Hare Tollway (IL-390), which will provide transportation improvements in the vicinity of O'Hare International Airport. In order to reduce chloride loads to the Des Plaines River drainage basin, IGAs have been developed to assist the surrounding communities in reducing the amount of de-icing salt that is used. Refer to Section II.B for a complete description.
7. The Tollway is a member of the DuPage River Salt Creek Workgroup (DRSCW) and participates in its meetings and activities. The DRSCW has a robust chloride reduction program in which the Tollway participates. Refer to Appendix B which itemizes activities that took place during the March 2022 to March 2023 reporting year.

d. *Municipal Operations Waste Control*

1. The Tollway Maintenance Facilities inspections include assessment of waste handling and management practices to identify conditions or practices that could potentially result in impacts to stormwater or result in an illicit discharge. The inspections also include assessment of drainage ditches and stormwater outlets for evidence of illicit discharges, including those which may be the result of improper waste management practices. The annual inspections of the Tollway's Maintenance Facilities occurred in June. Reports were generated and recommendations for corrective measures or other actions, including those pertaining to waste control, were provided to the Maintenance Facilities. A summary report, including individual reports for each facility, can be found in Appendix F.
2. Hazardous and other regulated wastes and materials are removed from Maintenance Facilities by private contractors authorized and licensed to handle and dispose of such materials, including, but not limited to, used motor oil, paints, cleaning solvents, used antifreeze, and used batteries. Waste management policies remain in place, with waste materials removed from Maintenance Facilities on a regular basis, generally once every 30 to 60 days.

IV. Monitoring, Recordkeeping, and Reporting

A. Monitoring

The Tollway has developed a monitoring program that assesses the effectiveness of its BMPs while not creating an unnecessary burden on its manpower and cost. Because the Tollway's system covers 294 miles, an annual inspection of every outfall is impractical. Thus, the Tollway has divided its system into fifths, with one-fifth of the system inspected every year. Utilizing this method, the entire Tollway system is inspected every five years.

The Tollway has identified nine (9) percent of its outfalls are determined to be sensitive; these outfalls are inspected annually. The sensitive outfalls were identified through a process where all of the Tollway's outfalls were mapped in an asset management system along with parameters that would indicate the sensitivity of an outfall. These sensitivity parameters included impaired waters, waters with TMDLs, waters with approved watershed plans, waters adjacent to Natural Areas Inventory or Nature Preserve sites, waters adjacent to county forest preserve units, waters adjacent to National Wetland Inventory wetlands, and waters identified as Biologically Significant or given a rating of A or B for diversity or integrity. Using the asset management system, each sensitivity parameter was given a score of 1 and sensitivity parameters were added together to identify outfalls with the highest scores. For simplicity's sake, each sensitivity parameter was given equal importance in determining the sensitive outfalls, although some adjustments of the sensitivity parameter score were made based on distance from the Tollway right-of-way.

In addition to the two outfall inspection programs discussed above, the Tollway has also conducted an evaluation of the effectiveness of its BMPs. By supplementing its monitoring program with effectiveness evaluations, the Tollway is confident that its monitoring program is an accurate evaluation of the effectiveness of its BMPs.

1. Evaluation of the Effectiveness of BMPs Based on Research

The BMPs utilized by the Tollway for stormwater management have been determined to be effective based on monitoring and scientific studies, including the Tollway's bioswale study (discussed in the section discussing General NPDES Permit No. ILR40, Part IV.B.1). Additionally, the design criteria contained in the Tollway's *Erosion Control and Landscape Manual*, the Tollway's *Drainage Design Manual*, and the *Urban Manual*, which are required for Tollway projects, are based on rigorous testing requirements and have been inspected and determined to be effective under actual field and operational conditions.

The Tollway utilizes three primary BMPs to maintain water quality - naturalized detention ponds, vegetated roadside ditches, and bioswales. These BMPs provide water quality improvements by slowing runoff to facilitate the settlement of sediments, promote infiltration, filter pollutants, and allow for vegetative uptake of pollutants. Stormwater basins and bioswales have been inventoried and incorporated into the Tollway's asset management system. Recently,

stormwater treatment systems have also been inventoried and incorporated into the Tollway's asset management system. The Tollway is considering adding a monitoring program to determine the effectiveness of these treatment structures. Additional bioswales are being incorporated into construction of the Elgin- O'Hare Tollway (IL-390) and new I-490 Tollway, and these locations will be included in the inventory upon completion of their construction.

Stormwater pollutants most often associated with highways include TSS, TDS, chlorides, and heavy metals (particularly chromium, copper, lead, nickel, and zinc). The Tollway has researched the ability of its BMPs to reduce impacts from roadways related to these parameters in its stormwater runoff. The table below summarizes this research.

Evaluation of BMPs Estimated Effectiveness (Based on Published Research)			
BMP	Pollutant	Effectiveness	Resource
Vegetated Channels/ Ditches	TSS	Removal effectiveness of vegetated medians and filter strips for suspended solids is 65 to 70 percent	Barrett, Michael E., Patrick Walsh, Joseph Walsh, Randall Charbeneau (1998). <i>Performance of Vegetative Controls for Treating Highway Runoff</i> (Online) Available at: http://ascelibrary.org/doi/pdf/10.1061/(ASCE)0733-9372(1998)124:11(1121)
	Heavy metals and TSS	Retained in soil within ditches, proportional to amount of TSS is removed. Average TSS removed is 72 percent. Heavy metals removals: copper up to 60 percent, lead up to 90 percent, zinc up to 50 percent	Kearfott, Pamela J., Michael Barrett, Joseph Malina, Jr. (2005) <i>Stormwater Quality Documentation of Roadside Shoulders Borrow Ditches</i> (Online) Available at: https://library.ctr.utexas.edu/hostedpdfs/txdot/psr/0-4605-s.pdf
	TSS, metals, hydrocarbons (oil & grease)	Removal efficiency of TSS up to 80 percent; metals, hydrocarbons, oil & grease adsorb to TSS and are removed with TSS	State of Oregon Department of Environmental Quality (2001). <i>Best Management Practices for Stormwater Discharges Associated with Industrial Activities</i>

Evaluation of BMPs Estimated Effectiveness (Based on Published Research)			
BMP	Pollutant	Effectiveness	Resource
Vegetated Detention Basins		Treats first flush	Pennsylvania Environmental Council (2005). <i>Improving Stormwater Detention Basins for Better Stormwater Management</i> (Online) Available at: https://wrrc.arizona.edu/publications/improving-stormwater-detention-basins-better-stormwater-management
	Heavy metals	Vegetated detention basins remove heavy metals	Hares, R.J., N.I. Ward (1999). <i>Comparison of the heavy metal content of motorway stormwater following discharge into wet biofiltration and dry detention ponds along the London Orbital (M25) motorway</i> . Science of the Total Environment, Volume 235, Issue 1-3
	Solids	Detention basins effective at the removal of solids	Ferrara, Raymond, A.M. Asce, and Patrick Witkowski (1983), <i>Stormwater Quality Characteristics in Detention Basins</i> . Journal of Environmental Engineering, Volume 109, Issue 2
	TSS	Detention ponds effective at removing pollutants associated with particles but not dissolved	Pettersson, Thomas (1998). <i>Water quality improvement in a small stormwater detention pond</i> . Water Science and Technology, Volume 38, Issue 10
	Copper, lead, TSS	Copper and lead removed at 43 to 85 percent efficiency	Revitt, D.M., R.B.E. Shutes, R.H. Jones, M. Forshaw, B. Winter (2004). <i>The performances of vegetative treatment systems for highway runoff during dry and wet</i>

Evaluation of BMPs Estimated Effectiveness (Based on Published Research)			
BMP	Pollutant	Effectiveness	Resource
			<i>conditions</i> . Science of the Total Environment, Volumes 334-335
Bioswales	TSS, metals, hydrocarbons (oil & grease)	Removal efficiencies: TSS: 83 to 92 percent Lead: 67 percent Copper: 46 percent Zinc and aluminum: 63 percent Oil/grease: 75 percent	State of Oregon Department of Environmental Quality (2001). <i>Best Management Practices for Stormwater Discharges Associated with Industrial Activities</i>
	TSS	26 to 77 percent efficiency at removing TSS	Groves, William, Phillip Hammer, Karinne Knutsen, Sheila Ryan, Robert Schlipf (1999). Analysis of Bioswale Efficiency for Treating Surface Runoff. (Online) Available at: Analysis of Bioswale Efficiency for Treating Surface Runoff UCSB Bren School of Environmental Science & Management
	Turbidity	Turbidity reduced from 35 to 76 percent	Ackerman, Jessica, Colleen Long, Jame Miner, Keith Carr, Kathleen Bryant, Eric Plankell. (2016) <i>Reductions in Turbidity and Specific Conductivity in Runoff Treated by Bioswales Along I-294 in Northern Cook County</i> , , State Geological Survey, Prairie Research Institute, University of , Champaign,
	Specific Conductivity (indicative of chlorides)	Specific conductivity reduced 23 to 97 percent	Ackerman, et al (2016)

Evaluation of BMPs Estimated Effectiveness (Based on Published Research)			
BMP	Pollutant	Effectiveness	Resource
	Specific Conductivity	Specific conductivity strongly correlated to TSS and chlorides	Ackerman, et al (2016)
	Roadway metals of interest (chromium, copper, lead, nickel, and zinc)	Metals of interest reductions of 71 percent	Plankell, Eric, James Miner (2016) <i>Total Recoverable Metals in Bioswale Soils Along I-294 in Northern Cook County</i> , , State Geological Survey, Prairie Research Institute, University of , Champaign,
	Total Metals	Total roadway metals reduced 59 to 81 percent	Plankell, et al (2016)
	TSS	TSS reduced by 63 to 70 percent	Miner, James, Kathleen Bryant, Keith Carr, Jessica Ackerman, Eric Plankell, Colleen Long (2016) <i>Using Bioswales to Improve the Quality of Roadway Runoff from I-294 in Northern Cook County</i> , State Geological Survey, Prairie Research Institute, University of Champaign
	TDS	TDS reduced by 30 to 50 percent	Miner, et al (2016)
	Chloride	Chloride reduced by 33 to 52 percent	Miner, et al (2016)
	Nitrate	Nitrate reduced by 25 percent	Miner, et al (2016)

2. Monitoring the Effectiveness of BMPs

As discussed in the Introduction, the Tollway's inspection program for the protection of stormwater quality and identification of illicit discharges has three key components. These components consist of annual outfall inspections conducted on one-fifth of the Tollway system and all sensitive outfalls, its annual inspection program, and regular inspections by the Tollway Maintenance Staff. Because the Tollway is considered a small MS4, the outfall inspections consist of visual observations of stormwater for color, odor, foam, oil sheens, or other obvious indicators of illicit discharges. The results of the Tollway monitoring program are discussed in Section III of this report.

B. Recordkeeping

The Tollway keeps records of all NPDES documentation, including the MS4 NOI, ILR10 NOIs, SWPPPs, A-38 Forms, IONs, illicit discharges, NOTs, and MS4 Annual Reports for a minimum of five years. The SWPPPs, ILR10 NOI documents, and MS4 Annual Reports are located on the Tollways website. Other NPDES documents are available to the public upon request.

C. Reporting

This document constitutes the March 2022 to March 2023 MS4 Annual Report. A copy of this report will be maintained on the Tollway's website for a period of five years.

D. Stormwater Inspection Activities Planned for 2023

The annual inspection program will be conducted in 2023. These inspections will encompass detection/elimination of illicit discharges including dry-weather screening, identification of water quality issues, erosion and sediment control issues, illegal dumping, and drainage system maintenance issues.

The Tollway will conduct inspections of the stormwater outfalls for detection of non-stormwater discharges and illicit discharges to Waters of the U.S. The inspections will include the annual inspection of the most sensitive outfalls in the system (see Part V, Section A), and one-fifth of the system to ensure that each outfall is inspected at least once during the NPDES MS4 permit cycle. Outfall inspections for 2023 will consist of:

- The most sensitive of the Tollway's outfalls (9 percent of the system)
- One-fifth of the Tollway system.

Annual inspections will occur for all of the Maintenance Facilities and Salt Domes for compliance with the Facility SWPPP.

Construction activities planned for 2022 are summarized in Appendix G. All construction projects that disturb one acre of land or more will be subject to erosion and sediment control inspections in accordance with the ILR10 permit.

The Tollway will continue to update its drainage system mapping as reconstruction and rehabilitation projects are completed, and remaining sections of the Central Tri-State (I-294), Elgin-O'Hare Tollway and the new I-490 are completed.

E. Results of Information Collected and Analyzed

The March 2022 to March 2023 Annual Outfall Inspection Program identified one outfall location with a potential illicit discharge (southbound I-355 at Mile Post 3.4 in the M-14 maintenance section) and one outfall with a suspected illicit discharge (westbound I-90 at Mile Post 55.7 in the M-5 maintenance section) as described on page 13 of this report. These locations are being inspected again in June 2023 and if there is an indication of an illicit discharge then a detailed investigation will be performed to determine the source of the discharge and to determine a plan of action to eliminate the illicit discharge.

Erosion and Sediment Control standards, specifications and special provisions were included in all applicable construction contracts.

Storm Water Pollution Prevention Plans and Erosion and Sediment Control Plans were included in all applicable contracts.

Erosion Control Preconstruction Meetings were conducted for all contracts covered by an ILR10 NPDES permit.

Notice of Intent (NOI) forms, Weekly and Post-Precipitation Inspection Reports (A-38 forms), Incidence of Non-Compliance (ION) documents, Notice of Termination (NOT) forms, and Post Construction Punch List documents are filed on the Tollway's e-Builder filing system for all contracts covered by an NPDES permit.

F. Changes to Best Management Practices or Measurable Goals

There were no changes to Best Management Practices or Measurable Goals during the March 2022 to March 2023 reporting period.

G. Reliance on Another Governmental Entity to Satisfy Permit Obligations

The Tollway does not rely on any other government agency to satisfy any of the Tollway's permit obligations under General Permit No. ILR40. Note that the Tollway is a member of the DuPage River Salt Creek Watershed Workgroup (DRSCW). The DRSCW assists the Tollway with their chloride reduction program.

Appendix A

Summary of Illinois Tollway Receiving Waters and Storm Water Management Considerations

ILLINOIS TOLLWAY GENERAL NPDES PERMIT NO. ILR40
Summary of Illinois Tollway Receiving Waters with Storm Water Management Considerations

Watershed Name	HUC 10 Watershed	Tollway Location	Impairments	TMDL/s	Watershed Plan's Stormwater Management Requirements	Illinois Tollway Compliance
Great Lakes/Calumet River						
	Middle Fork, North Branch Chicago River (HUC 0712000301)	I-94 MP 13.75 – 19.0	Alteration in stream-side or littoral vegetative covers, Chloride, DDT, Hexachlorobenzene, DO, Sedimentation/Siltation, Total Suspended Solids (TSS), Fecal Coliform, Phosphorus (Total), Bottom Deposits, Aquatic Plants (Macrophytes)	Chloride and Fecal Coliform	Per North Branch Chicago River Watershed- Based Plan (Dec 2021): use of ESC control measures on construction sites include filter barriers, sediment traps, settling basins, stabilization. Reduce chloride usage, rate and volume of stormwater runoff and install filtration BMPs.	The Illinois Tollway complies; these are items required during construction. BMPs are required for stormwater management. Tollway has robust chloride reduction program
	West Fork, North Branch Chicago River (HUC 0712000301)	I-94 MP 19.0 – 25.5/52	Aldrin, Alteration in stream-side or littoral vegetative covers, Chloride, DDT, Endrin, Hexachlorobenzene, DO, Total Suspended Solids (TSS), Phosphorus (Total), Changes in Stream Depth and Velocity Patterns, Fecal Coliform	Chloride and Fecal Coliform		
	West Fork, North Branch Chicago River (HUC 0712000301)	Edens Spur MP 25.5 - 28	Aldrin, Alteration in stream-side or littoral vegetative covers, Chloride, DDT, Endrin, Hexachlorobenzene, DO, Total Suspended Solids (TSS), Phosphorus (Total), Changes in Stream Depth and Velocity Patterns, Fecal Coliform	Chloride and Fecal Coliform		
	Middle Fork, North Branch Chicago River (HUC 0712000301)	Edens Spur MP 28 – 29.5	Alteration in stream-side or littoral vegetative covers, Barium, Cadmium, Chloride, Chromium (total), Copper, DDT, Endrin, Hexachlorobenzene, Lead, Mercury, Nickel, DO, Sedimentation/Siltation, Silver, Water Temperature, Total Suspended Solids (TSS), Phosphorus (Total), Polychlorinated biphenyls, Fecal Coliform	Chloride and Fecal Coliform		
	Skokie River (HUC 0712000301)	Edens Spur MP 29.5 - 31	Alteration in stream-side or littoral vegetative covers, Chlordane, Chloride, Other flow regime alterations, DO, Sedimentation/Siltation, Phosphorus (Total), Aquatic Algae, Changes in Stream Depth and Velocity Patterns, Mercury, Fecal Coliform, Bottom Deposits	Chloride and Fecal Coliform		
	Calumet Sag Channel (HUC 0712000304)	I-294 MP 19.0 – 16.2	mercury, PCBs, DO, fecal coliform	none	Per Calumet-Saganashkee Channel Watershed-Based Plan (Dec 2017): Runoff volume reduction through infiltration, such as swales, vegetated filter strips, infiltration trenches and basins. Wet bottom or wetland detention basins, with regular cleaning. Install filtration BMPs and reduced chloride usage.	The Illinois Tollway complies; BMPs are required for stormwater management. Tollway has robust chloride reduction program
	Stony Creek West (HUC 0712999304)	I-294 MP 16.2	meets water quality standards	none	none	
	Chicago Sanitary and Ship Canal (HUC 0712000304)	I-294 MP 15.75 – 5.0	mercury, PCBs	none	none	
	Mosquito Creek (HUC 0712000304)	I-294 MP 11.5	meets water quality standards	none	none	
	Midlothian Creek (HUC 0712000304)	I-294 MP 10.5 – 7.5	meets water quality standards	none	none	
	Calumet Union Drainage Ditch (HUC 0712000304)	I-294 MP 7.5 – 2.0	meets water quality standards	none	none	

ILLINOIS TOLLWAY GENERAL NPDES PERMIT NO. ILR40
Summary of Illinois Tollway Receiving Waters with Storm Water Management Considerations

Watershed Name	HUC 10 Watershed	Tollway Location	Impairments	TMDL/s	Watershed Plan's Stormwater Management Requirements	Illinois Tollway Compliance
	Little Calumet River South (HUC 0712000304)	I-294 MP 5.0 – 1.0	Cadmium, chlordane, endrin, hexachlorobenzene, phosphorus (Total), sedimentation/siltation, fecal coliform	none	Per Little Calumet River Watershed-Based Plan: Runoff volume reduction through infiltration, such as swales, vegetated filter strips, infiltration trenches and basins. Wet bottom or wetland detention basins, with regular cleaning. Install filtration BMPs and reduced chloride usage.	The Illinois Tollway complies; BMPs are required for stormwater management. Tollway has robust chloride reduction program
	Thorn Creek (HUC 0712000302)	I-294 MP 2.0 – 0	aldrin, chlordane, DDT, dieldrin, endrin, hexachlorobenzene, phosphorous (total), PCBs, Silver, TSS	Chloride, DO, Fecal Coliform	Per <i>Thorn Creek Watershed Based Plan</i> (2015): Runoff volume reduction through infiltration, such as swales, vegetated filter strips, infiltration trenches and basins. Wet bottom or wetland detention basins, with regular cleaning, and reduced chloride usage.	The Illinois Tollway complies; BMPs are required for stormwater management. Tollway has robust chloride reduction program

ILLINOIS TOLLWAY GENERAL NPDES PERMIT NO. ILR40
Summary of Illinois Tollway Receiving Waters with Storm Water Management Considerations

Watershed Name	HUC 10 Watershed	Tollway Location	Impairments	TMDL/s	Watershed Plan's Stormwater Management Requirements	Illinois Tollway Compliance
Des Plaines River						
	Des Plaines River Headwaters (HUC 0712000401)	I-94 MP 0.0 – 0.5	mercury, TSS	none	none	
	Des Plaines River (HUC 0712000403)	I-94 MP 0.5 – 5.5	arsenic, mercury, TSS	none	Per Des Plaines River Watershed-Based Plan (June 2018): use of ESC control measures on construction sites includes filter barriers, sediment traps, settling basins, stabilization. Reduce chloride usage, rate and volume of stormwater runoff through infiltration, such as swales, vegetated filter strips, infiltration trenches and basins and install filtration BMPs.	The Illinois Tollway complies; these are items required during construction. BMPs are required for stormwater management. Tollway has robust chloride reduction program
	Mill Creek (HUC 0712000402)	I-94 MP 5.5 – 6.0	impaired for aquatic life, cause unknown	none	Per Mill Creek Watershed and Flood Mitigation Plan (2019): use of ESC control measures on construction sites include filter barriers, sediment traps, settling basins, stabilization. Reduce chloride usage, rate and volume of stormwater runoff through infiltration, such as swales, vegetated filter strips, infiltration trenches and basins and install filtration BMPs.	The Illinois Tollway complies; stormwater runoff is reduced and managed to the extent possible via detention ponds, ditches, and bioswales. BMPs are required for stormwater management. Tollway has robust chloride reduction program
	Des Plaines River (HUC 0712000403)	I-94 MP 6.0 – 13.75	arsenic, impaired for aquatic life (cause unknown), fecal coliform, mercury, phosphorus (total), PCBs	none	Per Des Plaines River Watershed-Based Plan (June 2018): use of ESC control measures on construction sites includes filter barriers, sediment traps, settling basins, stabilization. Reduce chloride usage, rate and volume of stormwater runoff through infiltration, such as swales, vegetated filter strips, infiltration trenches and basins and install filtration BMPs.	The Illinois Tollway complies; these are items required during construction. BMPs are required for stormwater management. Tollway has robust chloride reduction program
	Des Plaines River (HUC 0712000405)	I-294 MP 25.5 – 47.5	aldrin, arsenic, cause unknown, chromium (total), lindane, methoxychlor, phosphorus (total), mercury, polychlorinated biphenyls (PCBs), fecal coliform	none		
	Des Plaines River (HUC 0712000405)	I-294 MP 41 - 47.5	cause unknown, chloride, dissolved oxygen, phosphorus (total), mercury, polychlorinated biphenyls (PCBs), fecal coliform	none		
	Willow Creek (HUC 0712000405)	I-294 MP 41- 40	Cadmium, dissolved oxygen, phosphorous (total)	none	none	
	Des Plaines River (HUC 0712000405)	I-294 MP 40- 38.75	cause unknown, phosphorus, (total), sedimentation/siltation, mercury, polychlorinated biphenyls (PCBs), fecal coliform	none	Per Des Plaines River Watershed-Based Plan (June 2018): use of ESC control measures on construction sites includes filter barriers, sediment traps, settling basins, stabilization. Reduce chloride usage, rate and volume of stormwater runoff through infiltration, such as swales, vegetated filter strips, infiltration trenches and basins and install filtration BMPs.	The Illinois Tollway complies; these are items required during construction. BMPs are required for stormwater management. Tollway has robust chloride reduction program
	Crystal Creek (HUC 12000405)	I-294 MP 38.75	meets water quality standards	none	Per <i>Silver Creek Watershed-Based Plan</i> (July 2016): standard BMPs for stormwater, including bioswales, detention basins, vegetated swale. Also calls for the reduction of chloride usage where possible.	The Illinois Tollway complies; BMPs are required during construction. Tollway has robust chloride reduction program.
	Addison Creek/ Salt Creek (HUC 0712000404)	I-294 MP 38.75 - 32	total suspended solids (TSS), aldrin, cause unknown, methoxychlor, phosphorus (total), mercury, polychlorinated biphenyls (pcbs), chromium (total), DDT (dichlorodiphenyltrichloroethane), hexachlorobenzene	Ammonia, BOD (carb.), DO, TSS	none	

ILLINOIS TOLLWAY GENERAL NPDES PERMIT NO. ILR40
Summary of Illinois Tollway Receiving Waters with Storm Water Management Considerations

Watershed Name	HUC 10 Watershed	Tollway Location	Impairments	TMDL/s	Watershed Plan's Stormwater Management Requirements	Illinois Tollway Compliance
	Salt Creek (HUC 0712000404)	I-294 MP 35.5 – 27.5	total suspended solids (TSS), aldrin, cause unknown, methoxychlor, phosphorus, total, mercury, polychlorinated biphenyls (PCBs)	Ammonia, BOD (carb.), DO, TSS, Chloride, Fecal Coliform, TDS	Per Lower Salt Creek Watershed-Based Plan (Dec 2018): use of ESC control measures on construction sites includes filter barriers, sediment traps, settling basins, stabilization. Reduce chloride usage, rate and volume of stormwater runoff through infiltration, such as swales, vegetated filter strips, infiltration trenches and basins and install filtration BMPs.	The Illinois Tollway complies; these are items required during construction. BMPs are required for stormwater management. Tollway has robust chloride reduction program
	Flagg Creek (HUC 0712000407)	I-294 MP 27.5 – 22.5	arsenic, impaired for aquatic life (cause unknown), DDT, hexachlorobenzene, methoxychlor, phosphorous (total)	none	none	
	Des Plaines River (HUC 0712000407)	I-294 MP 22.5 – 21.0	aldrin, arsenic, cause unknown, chromium (total), lindane, methoxychlor, phosphorus (total), mercury, polychlorinated biphenyls (PCBs), fecal coliform	none	Per Des Plaines River Watershed-Based Plan (June 2018): use of ESC control measures on construction sites includes filter barriers, sediment traps, settling basins, stabilization. Reduce chloride usage, rate and volume of stormwater runoff through infiltration, such as swales, vegetated filter strips, infiltration trenches and basins and install filtration BMPs.	The Illinois Tollway complies; these are items required during construction. BMPs are required for stormwater management. Tollway has robust chloride reduction program
	Chicago Sanitary and Ship Canal (HUC 0712000407)	I-294 MP 21.0 – 19.0	Mercury, DO, PCBs, PH, phosphorous (total)	none	none	
	DuPage River, East Branch (HUC 0712000408)	I-355 MP 30.0 – 28.0	Do, PH, Phosphorus (total), Sedimentation/siltation, PCBs	none	Per <i>Upper DuPage River Watershed Plan</i> (2007 update): reduction in chloride usage by using anti-icing or pre-wetting techniques with road salting.	The Illinois Tollway complies; the Illinois Tollway has robust chloride reduction program.
	DuPage River, East Branch (HUC 0712000408)	I-355 MP 28.0 – 24.0	Aresenic, Dieldrin, Hexachlorobenzene, Methoxychlor, Phosphorus (total), Sedimentation/siltation, TSS, PCBs	Algae, Ammonia, BOD (carb.), DO		
	DuPage River, East Branch (HUC 0712000408)	I-355 MP 24.0 – 20.0	Aresenic, Causes unknown, Dieldrin, Hexachlorobenzene, Methoxychlor, Phosphorus (total), PCBs	Algae, Ammonia, BOD (carb.), Chloride, DO, FC		
	St. Joseph Creek (HUC 0712000408)	I-355 MP 20.0 – 18.3	oil and grease, TSS	none	Per <i>Draft St. Joseph Creek Watershed-Based Plan</i> (2017 update): green infrastructure, including infiltration practices (bioswales), detention basins with wetland shelves, native vegetation, and/or wetland bottoms; and oil and grit separators.	The Illinois Tollway complies; BMPs are required for stormwater management, including bioswales, detention basins with wetland edges, native vegetation, and wet bottom detention basins.
	Prentiss Creek (HUC 0712000408)	I-355 MP 18.3 – 15.5	meets water quality standards	none	none	
	Lily Cache Creek (HUC 0712000408)	I-355 MP 15.5 – 12.5	impaired for aquatic life, cause unknown	none	none	

ILLINOIS TOLLWAY GENERAL NPDES PERMIT NO. ILR40
Summary of Illinois Tollway Receiving Waters with Storm Water Management Considerations

Watershed Name	HUC 10 Watershed	Tollway Location	Impairments	TMDL/s	Watershed Plan's Stormwater Management Requirements	Illinois Tollway Compliance
	Des Plaines River (HUC 0712000407)	I-355 MP 12.5 – 10.0	Aquatic life – causes unknown, Chloride, PH, Phosphorus (total), Mercury, PCBs, Fecal Coliform	none	Per Des Plaines River Watershed-Based Plan (June 2018): use of ESC control measures on construction sites includes filter barriers, sediment traps, settling basins, stabilization. Reduce chloride usage, rate and volume of stormwater runoff through infiltration, such as swales, vegetated filter strips, infiltration trenches and basins and install filtration BMPs.	The Illinois Tollway complies; these are items required during construction. BMPs are required for stormwater management. Tollway has robust chloride reduction program
	Chicago Sanitary and Ship Canal (HUC 0712000407)	I-355 MP 12.5 – 10.0	Mercury, DO, PCBs, PH, phosphorous (total)	none	none	
	Long Run (HUC 0712000407)	I-355 MP 6.5 – 4.3	meets water quality standards	none	Long Run Creek Watershed-Based Plan (3/2014): naturalized detention basins, bioswales, buffer strips, and more frequent street sweeping.	The Illinois Tollway complies; BMPs are required for stormwater management, including bioswales and detention basins; street sweeping is conducted regularly by the maintenance yards.
	Fiddymont Creek (HUC 0712000407)	I-355 MP 6.5 – 4.3	sedimentation/siltation, phosphorous (total)	Ammonia, DO	none	
	Fraction Run (HUC 0712000407)	I-355 MP 4.3 – 3.0	meets water quality standards	none	none	
	Spring Creek (HUC 0712000406)	I-355 MP 3.0 – 0.0	DO, phosphorous (total), sedimentation/siltation, visible oil	none	Per Spring Creek Watershed-Based Plan (Sept 2012): Install filtration BMPs for stormwater, including bioswales, detention basins, vegetated swale. Reduce chloride usage, rate and volume of stormwater runoff	The Illinois Tollway complies; BMPs are required for stormwater management. Tollway has robust chloride reduction program
	Upper Salt Creek (HUC 0712000404)	I-90 MP 64.0 – 70.0	Chloride, DO, Phosphorus (total), Mercury, PCBs, Fecal Coliform	Ammonia, BOD (carb.), DO, TSS	none	
	Higgins/Willow Creek (HUC 0712000405)	I-90 MP 70.0 – 78.2	Phosphorus (total), Cadmium, DO	Chloride, DO, Fecal Coliform	none	
	Bensenville Ditch/ Des Plains River (HUC 0712000405)	I-90 MP 78.2 – 78.8	Aquatic life – causes unknown, Phosphorus (total), Sedimentation/Siltation, Mercury, PCBs, Fecal Coliform	none	none	
	DuPage River - East Branch and West Branch (HUC 0712000408)	I-88 MP 121.3 – 134.5	Phosphorous (total), TSS, PCBs, Aquatic Life – causes unknown	Algae, Ammonia, BOD (carb.), Chloride, DO, Fecal Coliform, TDS	Per Upper DuPage River Watershed Plan (2007), reductions in the use of chlorides are needed, incl proper storage and handling, alternative application methods such as pre- wetting and anti-icing, and the use of non- chloride deicing products.	The Illinois Tollway complies; the Illinois Tollway has robust chloride reduction program, incl proper storage and handling, pre-wetting, anti-icing, and other reduction strategies.
	St. Joseph Creek (HUC 0712000408)	I-88 MP 130.3 – 131.5	oil and grease, TSS	none	Per Draft St. Joseph Creek Watershed-Based Plan (2017 update): green infrastructure, including infiltration practices (bioswales), detention basins with wetland shelves, native vegetation, and/or wetland bottoms; and oil and grit separators.	The Illinois Tollway complies; BMPs are required for stormwater management, including bioswales, detention basins with wetland edges, native vegetation, and wet bottom detention basins.
	Salt Creek (HUC 0712000404)	I-88 MP 131.5 – 140.5	Aldrin, Aquatic life – causes unknown, Methoxychlor, Phosphorus (total), TSS, Mercury, PCBs	Ammonia, BOD (carb.), Chloride, DO, Fecal Coliform, TDS, TSS	Per Lower Salt Creek Watershed-Based Plan (Dec 2018): use of ESC control measures on construction sites includes filter barriers, sediment traps, settling basins, stabilization. Reduce chloride usage, rate and volume of stormwater runoff through infiltration, such as swales, vegetated filter strips, infiltration trenches and basins and install filtration BMPs.	The Illinois Tollway complies; these are items required during construction. BMPs are required for stormwater management. Tollway has robust chloride reduction program

ILLINOIS TOLLWAY GENERAL NPDES PERMIT NO. ILR40
Summary of Illinois Tollway Receiving Waters with Storm Water Management Considerations

Watershed Name	HUC 10 Watershed	Tollway Location	Impairments	TMDL/s	Watershed Plan's Stormwater Management Requirements	Illinois Tollway Compliance
Upper Fox River						
	Tyler Creek (HUC 0712000612)	I-90 MP 47.9 – 52.2	fecal coliform	Fecal Coliform	Per Tyler Creek Watershed Based Plan (2008): calls for the conversion of traditional detention ponds into wetlands with micropools and native wetland vegetation	The Illinois Tollway complies; the Illinois Tollway provides other naturalized BMPs such as bioswales, vegetated ditches, and use of native vegetation. Conversion of detention ponds not possible due to maintenance issues.
	Jelkes Creek (HUC 0712000612)	I-90 MP 52.2 – 54.5	meets water quality standards	none	Per <i>Jelkes Creek - Fox River Watershed Action Plan</i> (2012): calls for the use of green infrastructure in stormwater management and reductions in the use of chlorides	The Illinois Tollway complies; green infrastructure BMPs are preferred for stormwater management. Tollway has a robust chloride reduction program.
	Fox River (HUC 0712000612)	I-90 MP 54.5 – 57.0	Aquatic life – causes unknown, DO, Hexachlorobenzene, Sedimentation/Siltation, TSS, Aldrin, Dieldrin, Endrin, Heptachlor, Mercury, Mirex, PCBs, Toxaphene, Fecal Coliform	none	Per <i>Poplar Creek Watershed Action Plan</i> (2007): calls for the Tollway to conduct demonstration projects and reduce TDS and chloride loadings. Plan also recommends municipal streets be swept 8 times per year.	The Illinois Tollway complies with the Watershed Plan; the Illinois Tollway has done several demonstration projects, including the bioswale study and a green interchange study on I-90/Rt 47. Additionally, the Tollway conducts regular roadway sweepings (more than 8 times per year) and has a robust chloride reduction program.
	Poplar Creek (HUC 0712000612)	I-90 MP 57.0 – 64.0	TSS, fecal coliform, DO, aquatic life – causes unknown	Chloride, Fecal Coliform	Per <i>Poplar Creek Watershed Action Plan</i> (2007): calls for the Tollway to conduct demonstration projects and reduce TDS and chloride loadings. Plan also recommends municipal streets be swept 8 times per year.	The Illinois Tollway complies with the Watershed Plan; the Illinois Tollway has done several demonstration projects, including the bioswale study and a green interchange study on I-90/Rt 47. Additionally, the Tollway conducts regular roadway sweepings (more than 8 times per year) and has a robust chloride reduction program.

ILLINOIS TOLLWAY GENERAL NPDES PERMIT NO. ILR40
Summary of Illinois Tollway Receiving Waters with Storm Water Management Considerations

Watershed Name	HUC 10 Watershed	Tollway Location	Impairments	TMDL/s	Watershed Plan's Stormwater Management Requirements	Illinois Tollway Compliance
Lower Fox River						
	East Branch Big Rock Creek (HUC 0812000703)	I-88 MP 99.5 - 107	meets water quality standards	none	none	
	Blackberry Creek (HUC 0712000702)	I-88 MP 107 - 116	fecal coliform, aquatic life – causes unknown	none	Per <i>Blackberry Creek Watershed Action Plan</i> (2011), only general recommendations to minimize surface runoff and utilize natural drainage and native landscaping and naturalized detention basins.	The Illinois Tollway complies; the Illinois Tollway uses native landscaping and naturalized detention basins where possible; it is not possible to reduce surface runoff and permeable pavements cannot be used.
	Fox River (HUC 0712000701)	I-88 MP 116 – 121.3	fecal coliform	none	none	
Kishwaukee River						
	Kishwaukee River (HUC 0709000608)	I-90 MP 13.8 - 21.0	mercury, PCBs, fecal coliform	none	Per <i>Madigan Creek Watershed Based Plan</i> (2013): use of BMPs to manage quantity and improve quality, incl bioswales, naturalized detention basins, vegetated swales, sediment control	The Illinois Tollway complies; the Illinois Tollway reduces and manages stormwater runoff to the degree possible via detention ponds, vegetated ditches, and bioswales.
	Kishwaukee River (HUC 0709000608)	I-90 MP 21.0 – 25.5	mercury, PCBs, fecal coliform	none	none	
	Mosquito Creek (HUC 0709000601)	I-90 MP 25.5 – 29.0	meets water quality standards	none	none	
	Spring Creek (HUC 0709000601)	I-90 MP 29.0 – 31.3	meets water quality standards	none	Per Spring Creek Watershed-Based Plan (Sept 2012): Install filtration BMPs for stormwater, including bioswales, detention basins, vegetated swale. Reduce chloride usage, rate and volume of stormwater runoff	The Illinois Tollway complies; BMPs are required for stormwater management. Tollway has robust chloride reduction program
	Coon Creek (HUC 0709000601)	I-90 MP 31.3 – 42.8	fecal coliform	none	none	
	South Branch Kishwaukee River (HUC 0709000602)	I-90 MP 42.8 – 47.9	sedimentation/siltation	none	Per East Branch of the South Branch Kishwaukee River Watershed Plan (2014): retrofit detention basins and outfall culverts to reduce runoff volumes/rates; use of BMPs such as bioswales, bioinfiltration basins, and vegetated swales	The Illinois Tollway complies; the Illinois Tollway reduces and manages stormwater runoff to the degree possible, retrofitting detention ponds not likely; BMPs used on Tollway include vegetated ditches and bioswales, new roadways using bioinfiltration basins where underlying soils permit.
	East Branch Killibuck Creek (HUC 0709000607)	I-88 MP 81.0 – 86.0	fecal coliform	none	none	
	South Branch Kishwaukee River (HUC 0709000606)	I-88 MP 86.0 – 93.8	mercury, PCBs, bottom deposits	none	Per East Branch of the South Branch Kishwaukee River Watershed Plan (2014): retrofit detention basins and outfall culverts to reduce runoff volumes/rates; use of BMPs such as bioswales, bioinfiltration basins, and vegetated swales	The Illinois Tollway complies; the Illinois Tollway reduces and manages stormwater runoff to the degree possible, retrofitting detention ponds not likely; BMPs used on Tollway include vegetated ditches and bioswales, new roadways using bioinfiltration basins where underlying soils permit.
	East Branch Kishwaukee River (HUC 0709000605)	I-88 MP 93.8 – 99.5	meets water quality standards	none		

ILLINOIS TOLLWAY GENERAL NPDES PERMIT NO. ILR40
Summary of Illinois Tollway Receiving Waters with Storm Water Management Considerations

Watershed Name	HUC 10 Watershed	Tollway Location	Impairments	TMDL/s	Watershed Plan's Stormwater Management Requirements	Illinois Tollway Compliance
Rock River						
	Dry Creek (HUC 0709000501)	I-90 MP 0.0 – 3.5	impaired for aquatic life, cause unknown	none	none	
	North Kinnikinnick Creek (HUC 0709000501)	I-90 MP 3.5 – 5.0	fecal coliform	Fecal Coliform	none	
	South Kinnikinnick Creek (HUC 0709000501)	I-90 MP 5.0 – 6.0	fecal coliform	none	none	
	Rock River (HUC 0709000501)	I-90 MP 6.0 – 8.5	fecal coliform, mercury, PCBs	none	none	
	Willow Creek/ Pierce State Lake (HUC 0709000501)	I-90 MP 8.5 – 11.8	mercury, phosphorus	none	none	
	Spring Creek North (HUC 0709000501)	I-90 MP 11.8 – 12.5	fecal coliform	Fecal Coliform	Per Spring Creek Watershed-Based Plan (Sept 2012): Install filtration BMPs for stormwater, including bioswales, detention basins, vegetated swale. Reduce chloride usage, rate and volume of stormwater runoff	The Illinois Tollway complies; BMPs are required for stormwater management. Tollway has robust chloride reduction program
	Keith Creek (HUC 0709000501)	I-90 MP 12.5 – 13.5	fecal coliform	Fecal Coliform	none	
	Beaver Creek (HUC 0709000604)	I-90 MP 13.5 – 13.8	impaired for aquatic life, cause unknown	none	Per <i>Beaver Creek Watershed Action Plan</i> (2008): use appropriate erosion control for construction activities	The Illinois Tollway complies; these are items required during construction.
	Threemile Branch, Rock River (HUC 0709000506)	I-88 MP 38.7 – 66.5	meets water quality standards	none	none	
	Kyte River (HUC 0709000503)	I-88 MP 66.5 – 81.0	fecal coliform	none	none	

Appendix B

Summary of DuPage River Salt Creek Watershed Workgroup Activities, March 2022 to March 2023



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DRSCW ILR40 Activities March 2022– March 2023

PART I. COVERAGE UNDER GENERAL PERMITS ILR40

Not applicable to the work of the DRSCW.

PART II. NOTICE OF INTENT (NOI) REQUIREMENTS

Not applicable to the work of the DRSCW.

PART III. SPECIAL CONDITIONS

Not applicable to the work of the DRSCW.

PART IV. STORM WATER MANAGEMENT PROGRAMS

A. Requirements

Not applicable to the work of the DRSCW.

B. Minimum Control Measure

1. Public Education and Outreach on Stormwater Impacts

DRSCW outreach activities for the reporting year ending March 31, 2023 included:

- The DRSCW website was updated and maintained during the reporting period and periodically updated with presentations and material (www.drscw.org).
- A searchable database with information on local aquatic biodiversity (IBIs), habitat (QHEI), and sediment and water column chemistry were maintained and periodically updated.
- Public information available on the website includes:
 - Chloride Fact Sheets aimed at mayors and managers, public works staff, commercial operators, and homeowners.
 - Model Salt Storage and Handling Ordinances and Policies.
 - Model Facilities Plan for Snow and Ice Control.
 - A fact sheet summarizing alternative deicing products.
 - Information of effective operating parameters for commonly used anti icing compounds.
 - Parking lots chloride application rate guidance example sheet and aide memoire.
 - A brochure on coal tar sealants as a source of Polycyclic Aromatic Hydrocarbons (PAHs) aimed at homeowners (produced by the University of New Hampshire Stormwater Center).



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- Detailed reports on the biological and chemical conditions of area waterways.

Technical Presentations

Workgroup meetings: The Workgroup hosts bimonthly meetings where technical presentations are made on a variety of water quality topics and surface water management subjects. The audience consists of mainly stormwater and wastewater professionals but the public is welcome to attend. Presentations made during the period March 1, 2022 to March 31, 2023 are listed below. Selected presentations are made available on the DRSCW website and upon request. Technical presentations have also been approved by the IEPA as CEUs for the Wastewater Operator and Drinking Water Operator Certifications.

April 27, 2022 – Model Development and Management Scenario Application for Total Phosphorus in Salt Creek, East Branch, West Branch, and Lower DuPage Rivers. Presenter: Hillary Yonce, Professional Hydrologist, Lead Modeler, Tetra Tech.

April 27, 2022 -- 2020-2022 Integrated Water Quality Report and Section 303(d) List. Presenter: Deanna Doohaluk, Watershed Project Manager, The Conservation Foundation.

June 27, 2022 – Kimberly North Stormwater Study. Presenter: Gregory R. Ulreich, P.E., CFM Civil/Stormwater Engineer, Dept. of Engineering Services, Carol Stream.

June 27, 2022 – The Microplastic Monster. Presenter: Christine Wood, Donohue & Associates, Inc., Water/Wastewater Engineer.

August 31, 2022 – Lags and Gaps: streambank erosion as a blind spot in the Illinois NLRS. Presenter: Andrew Margenot, Assistant Professor, University of Illinois Urbana-Champaign.

October 26, 2022 – Reducing Inflow and Infiltration: City of Naperville's' Experience. Presenter: Tony Conn Sr., Water Distribution and Collection Manager. Department of Public Utilities-Water, City of Naperville.

December 7, 2022 – 2020 West Branch DuPage River Bioassessment. Presenter: Chris Yoder, Research Director, Midwest Biodiversity Institute.

Other Water Quality Presentations or Workshops by the DRSCW

April 25-27, 2022 – NARP Updates, IWEA Annual Conference. Panel Members: Stephen McCracken, The Conservation Foundation and Adam Gronski, DRSCW Board Member, Metropolitan Water Reclamation District of Greater Chicago.



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April 26, 2022 – Derivation of a Local Chloride Threshold for Wadeable Streams, Emerging Contaminants in the Environment Conference (virtual). Presenter: Deanna Doohaluk, The Conservation Foundation.

June 15-17, 2022 – Constructing an effective watershed Approach, International Water and Waste Management Conference, Bangkok, Thailand. Presenter: Stephen McCracken, The Conservation Foundation.

July 19, 2022 – Administration and Funding Structures for the DRSCW, LDPWC and LDPWG, Illinois River Watershed Study Group, Starved Rock Convention Center. Presenter: Stephen McCracken, The Conservation Foundation.

September 9, 2022—DRSCW Program Update, USEPA and IEPA. Presenter: Deanna Doohaluk, The Conservation Foundation and Stephen McCracken, The Conservation Foundation.

September 26, 2022 – Masterplan for Salt Creek at Fullersburg Woods, Board of Directors of The Conservation Foundation. Presenter: Deanna Doohaluk, The Conservation Foundation.

November 16, 2022—DRSCW Program Update, DuPage Mayors and Managers Regulatory Affairs Committee, Stephen McCracken, The Conservation Foundation.

February 2, 2023 – Deriving an ambient Total Phosphorous threshold for the DuPage River and Salt Creek, IEPA, Presenter: Stephen McCracken, The Conservation Foundation and Deanna Doohaluk, The Conservation Foundation.

February 28, 2023 – Deriving and Implementing an Ambient Total Phosphorous Threshold for the DuPage River and Salt Creek. IAWA Mini Conference, Springfield, IL. Presenters: Amy Underwood, DRSCW Board Member, Downers Grove Sanitary District and Stephen McCracken, The Conservation Foundation.

February 22-24, 2023 – Expanding beyond Permit Limits to Achieve Water Quality Goals, WWM5, Bhubaneswar, India. Presenter: Deanna Doohaluk, The Conservation Foundation.

March 7, 2023 – Deriving an ambient Total Phosphorous threshold for the DuPage River and Salt Creek. Environmental Partners. Presenter: Stephen McCracken, The Conservation Foundation and Deanna Doohaluk, The Conservation Foundation.

2. Public Involvement and Participation – No Activities

3. Illicit Discharge Detection and Elimination – No Activities



4. Construction Site Storm Water Runoff Control - No Activities

5. Post-Construction Storm Water Management in New Development and Redevelopment - No Activities

6. Pollution Prevention/Good Housekeeping for Municipal Operations – No Activities

Chloride Questionnaires

The DRSCW has attempted to track adoption of sensible salting BMPs in the program area since 2007. This is done as ambient chloride concentration monitoring; and while the ultimate indicator of success, it has proven an imperfect metric for tracking efficiency trends in winter salt use. Tracking target BMP adoption in the program area allows the DRSCW to evaluate the success of the chloride management workshops. Historically the public roads and parking lots/sidewalks workshops have covered the following practices:

- Winter Weather tracking and planning
- Behavior of commonly used deicing compounds
- Product and chemical alternatives
- Equipment calibration training
- Application Rates
- Equipment and salt application advancements
- Salt usage, storage and deicing best management practices
- Example salt use policies and management plans

The questionnaires also help identify topics for future workshops, and form suppositions about salt use per unit of service expended inside the program area relative to 2006 levels.

Questionnaires were distributed in 2007, 2010, 2012, 2014, 2016, and 2018. They were sent to approximately 80 municipal highway operations and public works agencies. A new questionnaire was due to be distributed in 2022 but was not completed due to a need to rework elements of the questionnaire. It is now due to be issued in 2023.

Chloride Reduction Workshops

During the reporting period March 1, 2022 to March 31, 2023, six (6) chloride reduction workshops were held. The workshops were held in a webinar format allowing the groups to collaborate and host the workshops jointly. The workgroup staff for the DRSCW, LDRWC, Lower Des Plains Watershed Group (LDWG) and Chicago Area Waterways Chloride Workgroup (CAWCW) collaborated with staff from Lake County DOT and Health Dept. to coordinate the workshops. Registration was made available to agencies over a wide area of northeastern Illinois resulting in staff attending from Boone, Cook, DuPage, Kane, Lake, Will, and Winnebago



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counties, as well as Milwaukee, WI. A list of attendees of the Public Roads Deicing Workshop (by County) is included in Attachment 1 and attendees of the Parking Lots & Sidewalks Deicing Workshop (by County) is included in Attachment 2.

Public Roads Deicing Workshops were held on September 27, October 5, October 6, and October 12, 2022. Staff from Bolton-Menk, Inc. (formerly at Fortin Consulting, Inc.) from Minnesota were engaged to present the material. A registration fee was required per agency in order to view the webinar. The links were shareable within an agency. A survey was provided at the end of each webinar to those who had signed in asking for the number of attendees from each agency and for an evaluation of the workshop. The survey results indicated that a minimum of 644 persons attended the four Public Roads workshops. Certificates of attendance were provided to those who requested them. A link to the *Minnesota Snow and Ice Control: Field Book for Snowplow Operators* was provided to each registrant.

The Parking Lot and Sidewalk Deicing Workshop webinars were held on September 29 and October 11, 2022 with Bolton-Menk, Inc. presenting. The survey results indicated that there was a minimum of 262 persons who viewed the webinars. Certificates of attendance were provided to those who requested them. The surveys provided an opportunity to provide an evaluation on the webinars. A link was sent to each registrant for the *Minnesota Pollution Control Agency Winter Parking Lot & Sidewalk Maintenance Manual*.

Ambient Impact Monitoring

DRSCW's Chloride Education and Reduction Program has performed an in depth analysis to detect trends in chloride loading within the water quality data collected since the beginning of program efforts.

The goal of the analysis is to gauge the impact, if any, of the chloride education program on chloride loadings and concentrations generated from DRSCW water quality data collected from 2009 to present. Such an analysis is challenging due to the influences of other variables that dictate the magnitude of chloride impact on water quality data, principally winter weather (see PLOTS). The analysis is needed to account for this inherent variability to as great a degree as possible. To help accomplish this the DRSCW purchased 10 years of weather data (snow and ice precipitation data for numerous locations) from Weather Command / Murray and Trettel, Inc. The analysis steps for each site where winter chloride concentration data was available was:

- Calculation of estimated chloride concentration from winter conductivity data
- Calculation of a warm weather regression value from summer concentration data and summer conductivity measures



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- Calculation of estimated chloride summer concentrations
- Creation of loading data (in pounds per day) from the estimated concentration data using USGS flow data
- Identification of ice events from the weather command data and “replacement” of such events with loadings observed mean concentrations (to control for the high variability caused by ice).
- Graphing of loading and concentration data for each site

This analysis has been completed and phase one results have been produced. The report is being finalized and will be complete by April 2023.

Continuous Chloride Monitoring

When chlorides are present in elevated concentrations in rivers, they harm aquatic invertebrates, fish, and aquatic and terrestrial plants. High chloride concentrations also corrode structures like bridges, increasing maintenance costs; and chlorides are very difficult to remove from water through treatment. In the DRSCW watersheds, the main source of elevated chlorides in the rivers is from winter deicing applications. In an effort to understand and track chloride levels in the watershed, year-round conductivity monitoring is carried out.

Ambient monitoring of conductivity is carried out at six (6) locations. All conductivity sites were originally installed to collect continuous DO and are situated for that rather than chlorides. DRSCW chloride sites are positioned in the upper and lower sections of each watershed.

The upstream Salt Creek chloride site (Busse Woods) is at the upstream most point of the Lower Salt Creek watershed (this site isn't placed further upstream as it was selected to measure DO upstream of the watersheds POTWs). MWRD did not conduct ambient winter conductivity monitoring at the Salt Creek at Busse Woods site in 2021. The site was taken over by DRSCW for conductivity monitoring during the winter of 2022.

Conductivity concentrations are used to calculate chloride concentrations based on a linear relationship established by the DRSCW. Calculated Annual chloride concentrations for the winter months from 2007-2021 for six (6) sites are depicted in Figure 1 to Figure 6. The Daily Max represents the highest chloride daily value calculated from that year's winter season. The Winter Average is the average of all measurements from the winter season. The Four-Day Average is the maximum value of the year's four-day averages. Also shown are seasonal totals for winter snow and ice data. This data is generated from data supplied by a contract with Weather Command/ Murray and Trettel, Inc. The data is specific to the areas proximate to the



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relative conductivity monitoring site. The weather data for the Naperville site on the southern West Branch has not yet been extracted and will be on the future graphics.

Figure 1. *Calculated Chloride Concentrations - Winter Months (2007-2022) for Salt Creek at Busse Woods Main Dam. Data was not collected in 2021.*

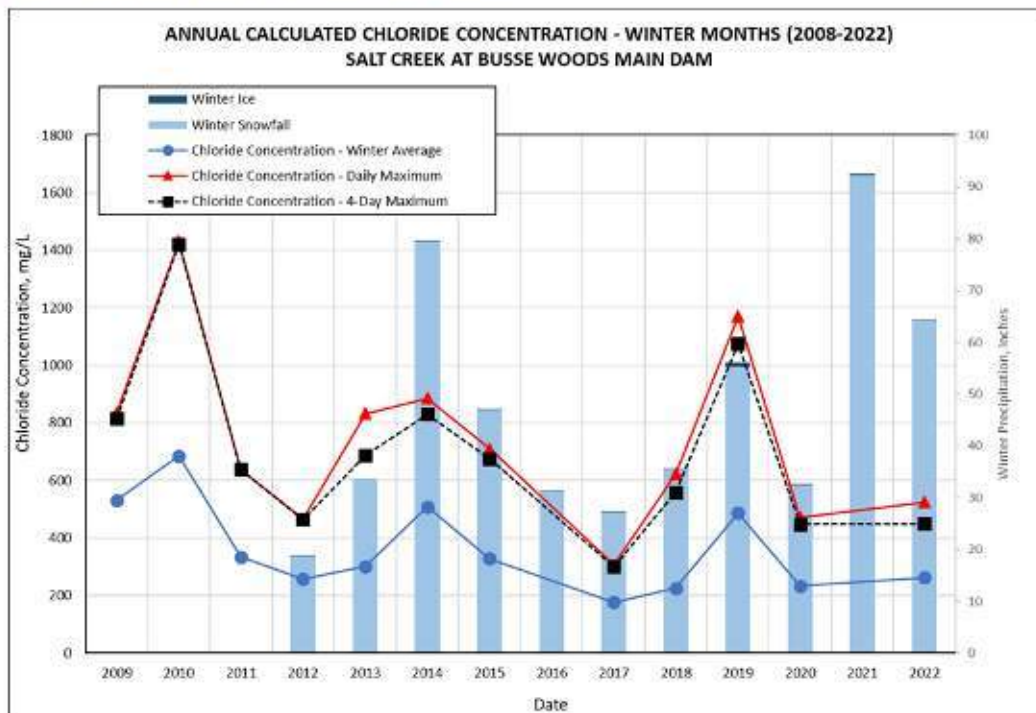




Figure 2. Calculated Chloride Concentrations - Winter Months (2007-2022) for Salt Creek at Wolf Road

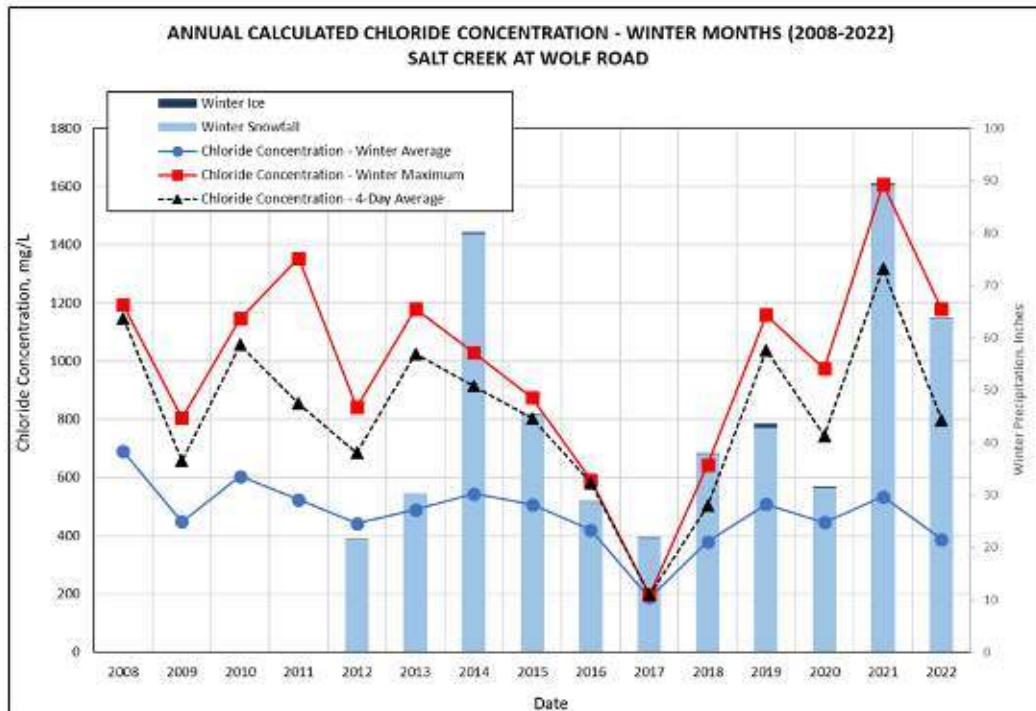


Figure 3. Calculated Chloride Concentrations - Winter Months (2007-2022) for the East Branch DuPage River at Army Trail Road

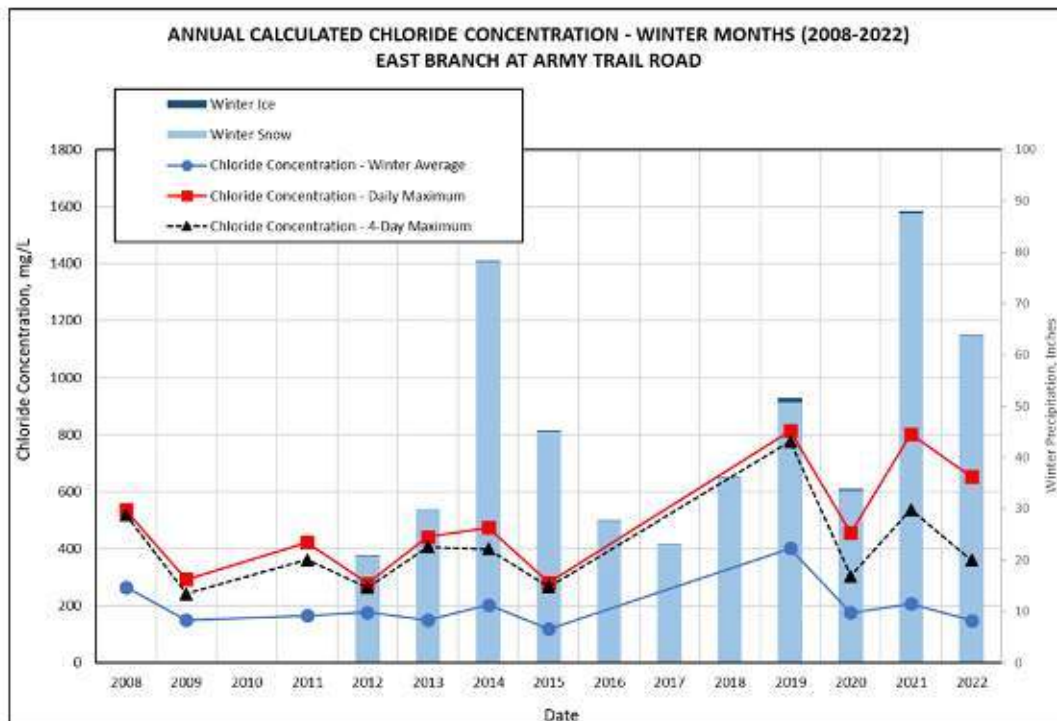




Figure 4. Calculated Chloride Concentrations - Winter Months (2008-2022) for the East Branch DuPage River at Hobson Road

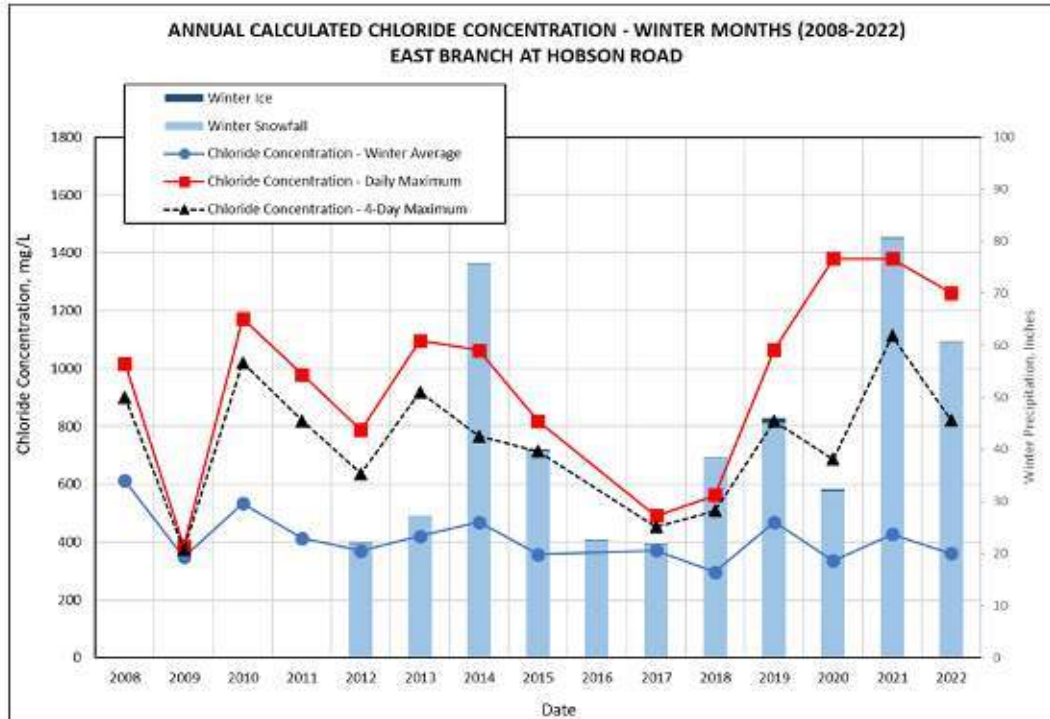


Figure 5. Calculated Chloride Concentrations - Winter Months (2007-2022) for the West Branch DuPage River at Arlington Drive

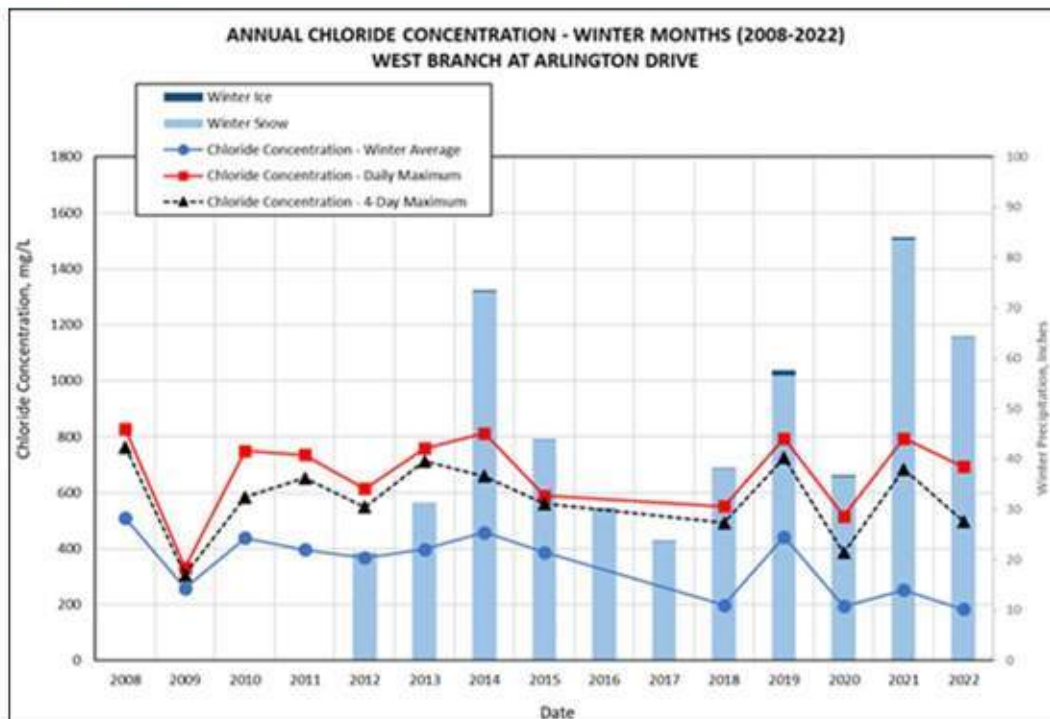
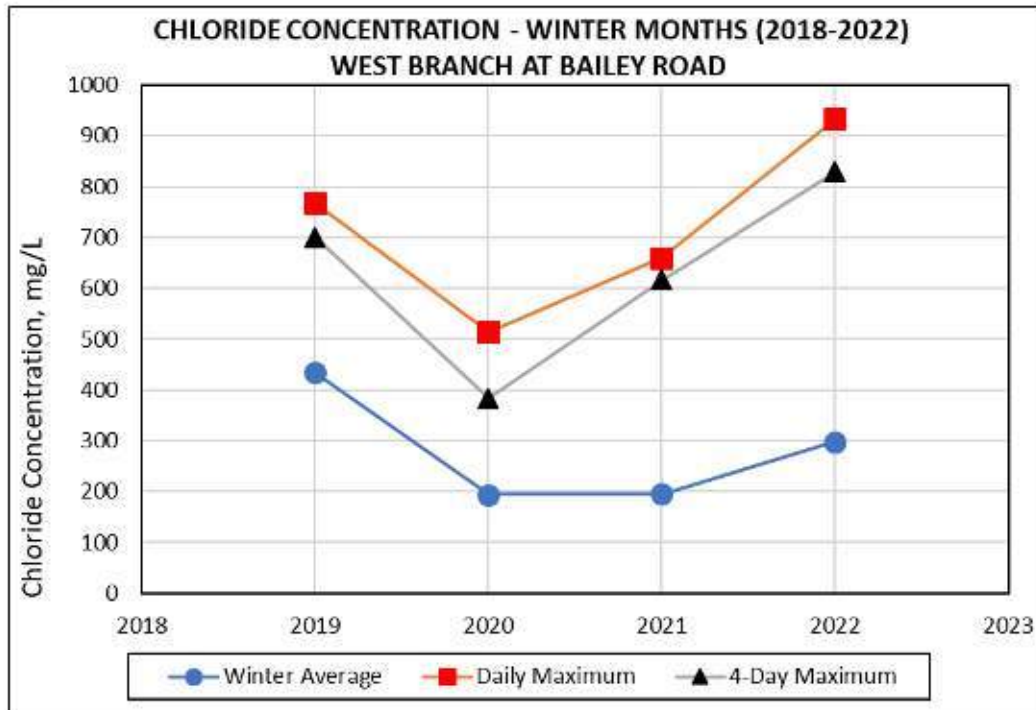




Figure 6. Calculated Chloride Concentrations - Winter Months (2018-2022) for the West Branch DuPage River at Bailey Road



C. Qualifying State, Country or Local Program

Not applicable to the work of the DRSCW.

D. Sharing Responsibility

This report outlines the activities conducted by the DRSCW on behalf of its' members related to the implementation of the ILR40 permit. It is the responsibility of the individual ILR40 permit holders to utilize this information to fulfill the reporting requirements outlined in Part V.C. of the permit.

E. Reviewing and Updating Stormwater Management Programs

Not applicable to the work of the DRSCW.



PART V. MONITORING, RECORDKEEPING, AND REPORTING

A. Monitoring

The ILR40 permit states that permit holders “must develop and implement a monitoring and assessment program to evaluate the effectiveness of the BMPs being implemented to reduce pollutant loadings and water quality impacts”. The DRSCW monitoring program meets the following monitoring objectives and requirements outlined in the permit:

- Measuring pollutants over time (Part V. A. 2. b. ii)
- Sediment monitoring (Part V. A. 2. b. iii)
- Assessing physical and habitat characteristics such as stream bank erosion caused by storm water discharges ((Part V. A. 2. b. vi)
- Collaborative watershed-scape monitoring (Part V. A. 2. b. x)
- Ambient monitoring of total suspended solids, total nitrogen, total phosphorus, fecal coliform, chlorides, and oil and grease (Part V. A. 2. c.)

The DRSCW water quality monitoring program is made up of four components: 1) Bioassessment; 2) Continuous DO monitoring; 3) Expanded DO monitoring, and 3) Continuous Chloride Monitoring. Components 1-3 are discussed below and component 4 was discussed in the previous section of this report.

BIOASSESSMENT

Overview and Sampling Plan

A biological and water quality survey, or “biosurvey”, is an interdisciplinary monitoring effort coordinated on a waterbody specific or watershed scale. This may involve a relatively simple setting focusing on one or two small streams, one or two principal stressors, and a handful of sampling sites or a much more complex effort including entire drainage basins, multiple and overlapping stressors, and tens of sites. The DRSCW bioassessment is the latter. The DRSCW bioassessment program began in 2007 with sampling in the West Branch DuPage River, East Branch DuPage River and Salt Creek watersheds. From 2009-2016, each watershed was sampled on a 3-year rotation beginning with the West Branch DuPage River watershed in 2006. Between 2017 and 2021, the watersheds were sampled on a 4 -year rotation. Starting in 2023, the watersheds will be sampled on a 5-year rotation. The sampling frequency will ensure that each watershed will be sampled during the effective period of the ILR40 permit. The bioassessment program functions under a quality assurance plan agreed on with the Illinois Environmental Protection Agency (<http://drscw.org/wp/bioassessment/>). Table 1 details the bioassessment sampling dates for each DRSCW watershed.



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Table 1. Bioassessment sampling dates for the DRSCW watershed

Watershed	Sampling Completed (year)	Sampling Scheduled (year)
East Branch DuPage River	2007, 2011, 2014, 2019	2023
West Branch DuPage River	2007, 2009, 2012, 2015, 2020	2025
Salt Creek	2007, 2010, 2013, 2016, 2021	2027

The DRSCW bioassessment program utilizes standardized biological, chemical, and physical monitoring and assessment techniques employed to meet three major objectives:

- 1) determine the extent to which biological assemblages are impaired (using IEPA guidelines);
- 2) determine the categorical stressors and sources that are associated with those impairments; and,
- 3) add to the broader databases for the DuPage River and Salt Creek watersheds to track and understand changes through time in response to abatement actions or other influences.

The data collected as part of the bioassessment is processed, evaluated, and synthesized as a biological and water quality assessment of aquatic life use status. The assessments are directly comparable to previously conducted bioassessments such that trends in status can be examined and causes and sources of impairment can be confirmed, amended, or removed. A final report containing a summary of major findings and recommendations for future monitoring, follow-up investigations, and any immediate actions that are needed to resolve readily diagnosed impairments is prepared following each bioassessment. The bioassessment reports are posted on the DRSCW website at <http://drscw.org/wp/bioassessment/>. It is not the role of the bioassessments to identify specific remedial actions on a site specific or watershed basis. However, the baseline data provided by the bioassessments contributes to the Integrated Priority System that was developed to help determine and prioritize remedial projects (<http://drscw.org/wp/project-identification-and-prioritization-system/>).

Sampling sites for the bioassessment were determined systematically using a geometric design supplemented by the bracketing of features likely to exert an influence over stream resource quality, such as CSOs, dams and wastewater outfalls. The geometric site selection process starts at the downstream terminus or “pour point” of the watershed (Level 1 site), then continues by deriving each subsequent “panel” at descending intervals of one-half the drainage area (D.A.) of the preceding level. Thus, the drainage area of each successive level decreases geometrically. This results in seven drainage area levels in each of the three watersheds, starting at the largest (150 sq. mi) and continuing through successive panels of 75, 38, 19, 9, 5 and 2 sq. mi. Targeted sites are then added to fill gaps left by the geometric design and assure complete spatial coverage in order to capture all significant pollution gradients including reaches that are impacted by wastewater treatment plants (WWTPs), major stormwater sources, combined sewer overflows



(CSOs) and dams. The number of sampling sites by method/protocol and watershed are listed in Table 2.

Table 2. Number of sampling sites in the DRSCW project area

Method/Protocol	West Branch DuPage River (2020)	East Branch DuPage River (2019)	Salt Creek (2021)	Reference Sites (2006-2021)	Total Sites
Biological sampling					
Fish	42	41	65*	13	155
Macroinvertebrates	42	41	65*	13	155
QHEI	42	41	65*	13	155
Water Column Chemical/Physical Sampling					
Nutrients**	42	38	57	6	143
Water Quality Metals	30	38	34	6	108
Water Quality Organics	18	11	17	6	52
Sediment Sampling	23	15	27	6	71

*Includes eight (8) sites that were being monitored as part of pre-project monitoring at Fullersburg Woods and post-project monitoring at the Preserve at Oak Meadows.

**Also included indicators of organic enrichment and ionic strength, total suspended solids (TSS), DO, pH and temperature. Also, in 2019, 2020 and 2021, chlorophyll A was included as a nutrient parameter.

Representativeness – Reference Sites

Data is collected from selected regional reference sites in northeastern Illinois preferably to include existing Illinois EPA and Illinois DNR reference sites, potentially being supplemented with other sites that meet the Illinois EPA criteria for reference conditions. One purpose of this data will be to index the biological methods used in this study that are different from Illinois EPA and/or DNR to the reference condition and biological index calibration as defined by Illinois EPA. In addition, the current Illinois EPA reference network does not yet include smaller headwater streams, hence reference data is needed to accomplish an assessment of that data. Presently thirteen (13) reference sites have been established.

The bioassessment sampling includes four (4) sampling methods/protocols: biological sampling, Qualitative Habitat Evaluation Index (QHEI), water column chemical/physical parameter sampling and sediment chemistry. The biological sampling includes two assemblages: fish and macroinvertebrates.

As no sampling was conducted in Summer 2022, the 2022 MS4 Activities Report does not contain updated Fish, Habitat and Water Chemistry. However, as the macroinvertebrate sampling results for Salt Creek (sampled in 2021) was not available at the time of the 2021 MS4 Activities report, this data is included in this report. A map of the 2021 Salt Creek sampling sites can be found in



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Map 2. A list of the sites sampled as part of the 2021 Salt Creek bioassessment is included in Table 3. Table 3 includes the site name, site location, and the type and frequency of each sampling method.

Detailed analysis of all results for the East Branch DuPage River, the West Branch DuPage River and Salt Creek and their tributaries and can be found at <http://drscw.org/wp/bioassessment/>. Additionally, summaries of the findings for the Fish, Macroinvertebrates, Habitat and Water Chemistry for the mainstem East Branch DuPage River and West Branch DuPage River and summaries for Fish, Habitat and Water Chemistry Salt Creek can be found in the 2019, 2020, and 2021 DRSCW MS4 Activities Report.

The fish and macroinvertebrate results are presented as Index of Biotic Integrity (IBI) scores. IBI is an evaluation of a waterbody's biological community in a manner that allows the identification, classification and ranking of water pollution and other stressors. IBIs allow the statistical association of various anthropogenic influences on a water body with the observed biological activity in said water body and in turn the evaluation of management interventions in a process of adaptive management. Chemical testing of water samples produces only a snapshot of chemical concentrations while an IBI allows an evaluation of the net impact of chemical, physical and flow variables on a biological community structure. Dr. James Karr formulated the IBI concept in 1981.

MACROINVERTEBRATES

Methodology

The macroinvertebrate assemblage is sampled using the Illinois EPA (IEPA) multi-habitat method (IEPA 2005). Laboratory procedures followed the IEPA (2005) methodology for processing multi-habitat samples by producing a 300-organism subsample with a scan and pre-pick of large and/or rare taxa from a gridded tray. Taxonomic resolution is performed to the lowest practicable resolution for the common macroinvertebrate assemblage groups such as mayflies, stoneflies, caddisflies, midges, and crustaceans, which goes beyond the genus level requirement of IEPA (2005). However, calculation of the macroinvertebrate IBI followed IEPA methods in using genera as the lowest level of taxonomy for mIBI calculation and scoring.

2021 Salt Creek Results

Macroinvertebrate communities sampled from the mainstem of Salt Creek revealed no clear longitudinal pattern (Figure 7) and mainly fall in the fair to poor ranges. There are four sites on the mainstem of Lower Salt Creek with mIBI scores in the good range: two (2) sites located immediately downstream of the Fullersburg Woods dam and two (2) sites within the Preserve at Oak Meadows restoration site. With the exception of one (1) site located on West Branch Salt Creek #5 (located within the Upper Salt Creek watershed) where a mIBI of 45.20 (good), scores in tributaries throughout the watershed in 2021 were in the poor to fair range.



DuPage River Salt Creek Workgroup

Table 3. 2021 Salt Creek Bioassessment Sampling Sites and Frequency of Sampling

Site ID	RIVER	Latitude	Longitude	Frequency of Sampling during the 2021 Bioassessment							
				Biological Sampling	QHEI	Demand/ Nutrient	Metals	Water Organics	Sediment	Sulfate	Oil and Grease
SC01	Tributary to Salt Creek	42.143664	-88.078158	1	1	2					
SC02	Tributary to Salt Creek	42.11327	-88.082431	1	1	2					
SC03	Salt Creek	42.108005	-88.083462	1	1	2					
SC04	Salt Creek	42.110637	-88.062385	1	1	4					
SC05	Tributary to Salt Creek	42.12518	-88.039411	1	1	2					
SC06	Tributary to Salt Creek	42.116387	-88.012306	1	1	2					
SC07	Salt Creek	42.077084	-88.053031	1	1	4	4				
SC08	Tributary to Salt Creek	42.067958	-88.019216	1	1	4					
SC11	Tributary to Salt Creek	42.028369	-88.055516	1	1	4					
SC12	Tributary to Salt Creek	42.025566	-88.063601	1	1	2					
SC13	Tributary to Salt Creek	42.015691	-88.054162	1	1	2					
SC14	Tributary to Salt Creek	42.017338	-88.045095	1	1	4	4				
SC15	Salt Creek	42.051095	-88.008992	1	1	6	4		1	1	1
SC16	Spring Brook	41.971781	-87.998034	1	1	6	4		1	1	1
SC17	Spring Brook	41.967116	-88.046834	1	1	4					
SC18	Spring Brook	41.958246	-88.06508	1	1	4					
SC19	Meacham Creek	41.995347	-88.051359	1	1						
SC20	Tributary to Meacham Creek	41.988298	-88.054429	1	1	2					
SC21	Spring Brook	41.97324	-88.079282	1	1	2	2	1	1		
SC22	Westwood Creek	41.93982	-87.992964	1	1	4		1	1		
SC23	Salt Creek	41.936938	-87.984234	1	1	9	6	1	1		
SC24	Addison Creek	41.946217	-87.926124	1	1	2					
SC25	Tributary to Addison Creek	41.937825	-87.939885	1	1	2					
SC26	Addison Creek	41.928711	-87.910687	1	1	4					
SC27	Addison Creek	41.898963	-87.883344	1	1	4	4				
SC28	Addison Creek	41.861162	-87.867743	1	1	6	4		1	1	1
SC29	Salt Creek	41.818297	-87.833708	1	1	12	6	1	1	1	1
SC30	Ginger Creek	41.837873	-87.970817	1	1	2					
SC31	Ginger Creek	41.839376	-87.953247	1	1	4					
SC32	Oakbrook Creek	41.85377	-87.948831	1	1	2					
SC33	Sugar Creek	41.872959	-87.959728	1	1	4					
SC34	Salt Creek	41.951765	-87.986441	1	1	9	6	1	1		
SC35	Salt Creek	41.944091	-87.981079	1	1	9	6	1	1		
SC35A	Salt Creek	41.9425	-87.9821	1	1						
SC35B	Salt Creek	41.94112	-87.983	1	1						
SC36	Oak Brook	41.850896	-87.958463	1	1	2					
SC37	Salt Creek	41.885162	-87.959927	1	1	9	3	1	1		
SC38	Salt Creek	41.890375	-87.964024	1	1	9	6	1	1		
SC39	Salt Creek	41.919985	-87.972745	1	1	9	6	1	1		
SC40	Salt Creek	41.962745	-87.98439	1	1	9	6	1	1		
SC41	Salt Creek	41.970302	-87.988175	1	1	9	6	1	1		
SC42	Salt Creek	41.991326	-87.994485	1	1	6	4		1		
SC43	Salt Creek	42.011973	-88.00092	1	1	6	4	1	1	1	1
SC44	Salt Creek	42.01602	-88.000508	1	1	6	4	1	1		
SC45	Tributary to Salt Creek	42.084211	-88.019856	1	1	4	4	1	1		
SC46	Spring Brook	41.966727	-88.077424	1	1	2	2	1	1		
SC47	Spring Brook	41.963342	-88.031508	1	1	6	4	1	1		
SC48	Addison Creek	41.872732	-87.868775	1	1	6	4		1		
SC49	Salt Creek	41.825756	-87.900036	1	1	9	6	1	1	1	1
SC50	Salt Creek	42.021262	-88.004911	1	1	6	4		1		
SC51	Salt Creek	41.875767	-87.95799	1	1	9	6		1	1	1
SC52	Salt Creek	41.820328	-87.926117	1	1	9	6		1		
SC53	Salt Creek	41.825544	-87.931557	1	1	9	6		1		
SC53A*	Salt Creek	41.82112	-87.9286	1	1						
SC54	Salt Creek	41.845607	-87.851945	1	1	12	6		1		
SC55	Salt Creek	41.84763	-87.936374	1	1	6	6				
SC56	Salt Creek	41.832606	-87.941979	1	1	6	6				
SC56A*	Salt Creek	41.8306	-87.940435	1	1						
SC56B*	Salt Creek	41.830287	-87.931866	1	1						
SC56C*	Salt Creek	41.82849	-87.93059	1	1						
SC57	Salt Creek	41.873713	-87.95526	1	1	9	6				
SC59	Salt Creek	41.82608	-87.91459	1	1	12	6				
SC60	Salt Creek	41.82595	-87.88617	1	1	12	6				
SCBR	Salt Creek					6					



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Table 4 and Table 5 include the key to dams and Wastewater Treatment Plants (WWTP) discharges denoted on the mIBI figure (Figure 7) for Salt Creek.

Figure 7. Macroinvertebrate IBI scores in Salt Creek, 1983, 2007, 2010, 2013, 2016, and 2021 in relation to municipal WWTP dischargers and dams.

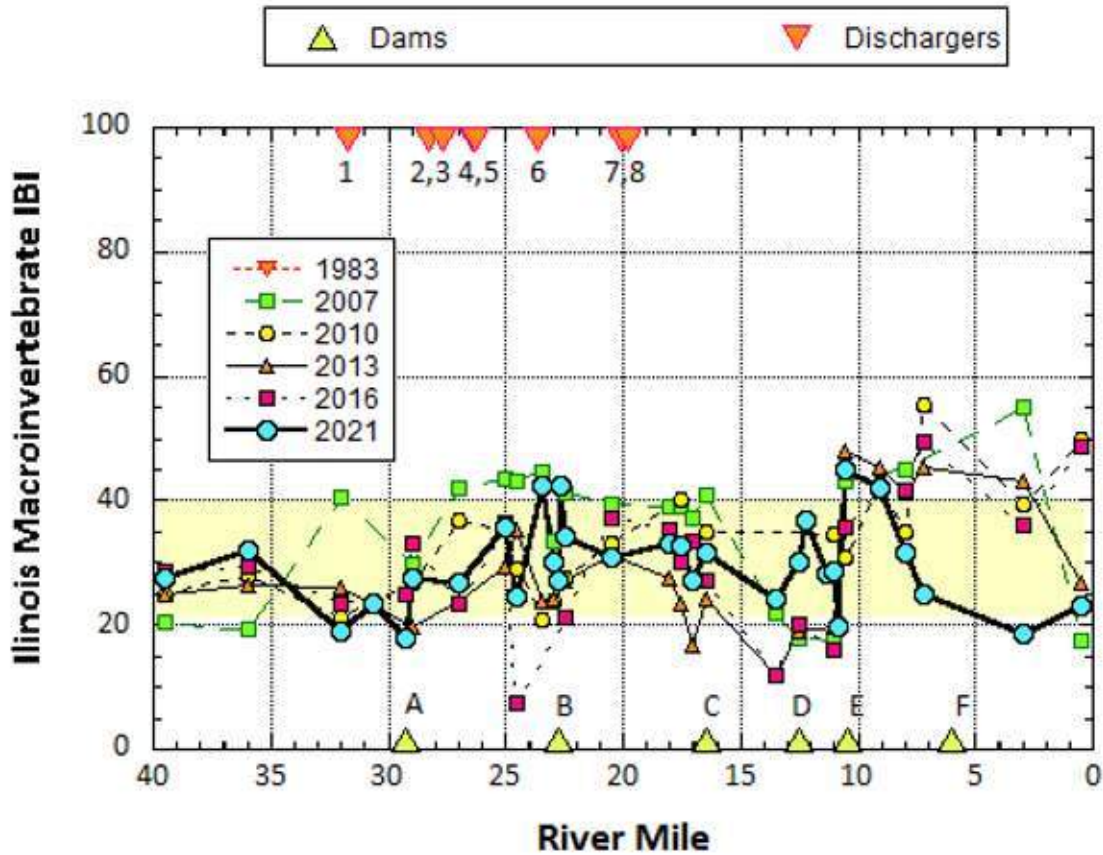


Table 4. Key to dams on the dam included on the Salt Creek IBI, QHEI, and water chemistry figures

Figure Reference	Name of Dam
A	Busse Woods Dam
B	Oak Meadows Dam (removed in 2016)
C	Graham Center Dam
D	Old Oak Brook Dam
E	Fullersburg Woods (Graue Mill) Dam
F	Possum Hollow Woods Dam



Table 5. Key to POTW dischargers on the Salt Creek IBI, QHEI, and water chemistry figures

Figure Reference	WWTP Discharge
1	MWRDGC Egan WRP
2	Itasca STP
3	Wood Dale North STP
4	Wood Dale South STP
5	Addison North STP
6	Addison South - Larocca STP
7	Salt Creek Sanitary District
8	Elmhurst WWTP

DISSOLVED OXYGEN (DO) MONITORING

Background and Methodology

The Illinois Environmental Protection Agency (IEPA) report, Illinois 2004 Section 303(d) List, listed dissolved oxygen (DO) as a potential impairment in Salt Creek, and the East and West Branches of the DuPage River. The report suggested that the DO levels in selected reaches of these waterways might periodically fall to levels below those required by healthy aquatic communities.

All rivers and creeks in DuPage County are classified as General Use Waters. The present water quality standards for dissolved oxygen in General Use Waters is:

1. During the period of March through July
 - a. 5.0 mg/L at any time; and
 - b. 6.0 mg/L as a daily mean averaged over 7 days.
2. During the period of August through February,
 - a. 3.5 mg/L at any time;
 - b. 4.0 mg/L as a daily minimum averaged over 7 days; and
 - c. 5.5 mg/L as a daily mean averaged over 30 days.

Following listing on the 303 (d) list two (2) DO TMDLs were prepared by the IEPA for Salt Creek and the East Branch of the DuPage River in 2004 and two (2) DO TMDLs were prepared for the West Branch DuPage River and Spring Brook #1 in 2019. In response to the TMDLs, the DRSCW committed to develop and manage a continuous long-term DO monitoring plan for the project area in order to assess the nature and extent of the DO impairment and to allow the design of remedial projects. The continuous DO data is also used to assess the impact of DO improvement projects such as the Churchill Woods and Oak Meadow dam removals.



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In 2022, the DRSCW in collaboration with DuPage County Stormwater Management gathered continuous DO data via water quality sondes at four (4) sites on Salt Creek (SCBW, SCOM, SCBR SCFW), five (5) sites on the East Branch DuPage River (EBAR, EBCB, EBHL, EBHR, EBWL), and five (5) sites on the West Branch DuPage River (WBAD, WBBR, WBWD, WBMG, WBNPV) that will be utilized in the calibration and verification of the updated QUAL2Kw models. The Metropolitan Water Reclamation District of Greater Chicago (MWRDGC) also typically monitors one (1) additional location on Salt Creek. All sondes are deployed from May through October and collected DO, temperature, conductivity, and pH on an hourly basis. The continuous DO monitoring program functions under a quality assurance plan agreed on with the IEPA (<http://drscw.org/wp/dissolved-oxygen/>). Details on the site location are included in Table 6 and site locations for 2022 are included on Map 3.

Results

Results of the continuous DO monitoring conducted in the summer of 2022 is included in Figure 8 to Figure 22.

Table 6. 2022 Continuous DO monitoring locations in the DRSCW watersheds in 2021.

Site ID	Stream Name	River Mile	Latitude	Longitude	Location
WBAD	W. Br. DuPage River	29.9	41.9750	-88.1386	Arlington Drive
WBBR	W. Br. DuPage River	11.7	41.825268	-88.179456	Butterfield Road
WBWD	W. Br. DuPage River	11.1	41.82027	-88.17212	Downstream of former Warrenville Grove Dam
WBMG	W. Br. DuPage River	8.6	41.795928	-88.187263	Upstream of former McDowell Grove Dam
WBNPV	W. Br. DuPage River	3.0	41.74029	-88.126879	Downstream Bailey Road
EBAR	E. Br. DuPage River	23.0	41.935171	-88.05843	Army Trail Road
EBCB	E. Br. DuPage River	18.8	41.88510	-88.04110	Crescent Boulevard
EBHL	E. Br. DuPage River	14.0	41.82570	-88.05316	Hidden Lake Preserve
EBHR	E. Br. DuPage River	8.5	41.76800	-88.07160	Hobson Road
EBWL	E. Br. DuPage River	3.8	41.712315	-88.094842	Whalon Lake
SCBW	Salt Creek	29.4	42.01630	-88.00061	Downstream of Busse Woods Dam (MWRDGC)
SCOM	Salt Creek	23.0	41.941279	-87.983363	Upstream of former Oak Meadows Dam
SCBR	Salt Creek	16.1	41.864686	-87.95073	Butterfield Road
SCFW	Salt Creek	11.1	41.825493	-87.93158	Fullersburg Woods impoundment
SCWR	Salt Creek	8.1	41.82576	-87.90045	Wolf Road (MWRDGC)



Figure 8. 2022 Dissolved Oxygen plot for the West Branch DuPage River at Arlington Drive (WBAD)

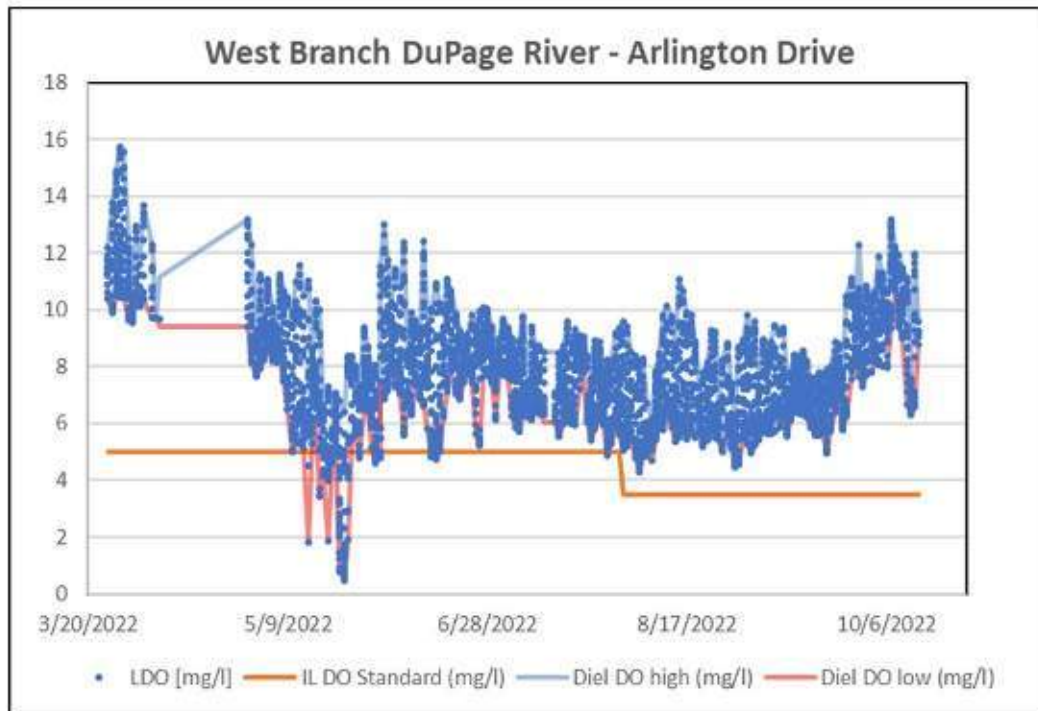


Figure 9. 2022 Dissolved Oxygen plot for the West Branch DuPage River at Butterfield Road (WBBR)

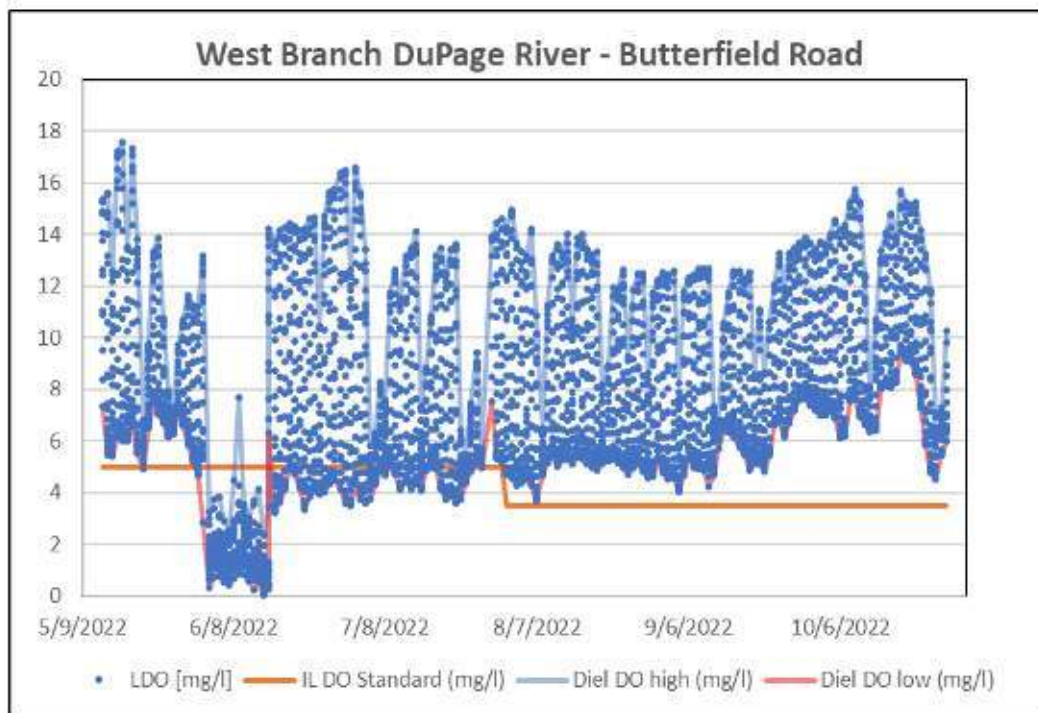




Figure 10. 2022 Dissolved Oxygen plot for the West Branch DuPage River downstream of former Warrenville Grove Dam (WBWD)

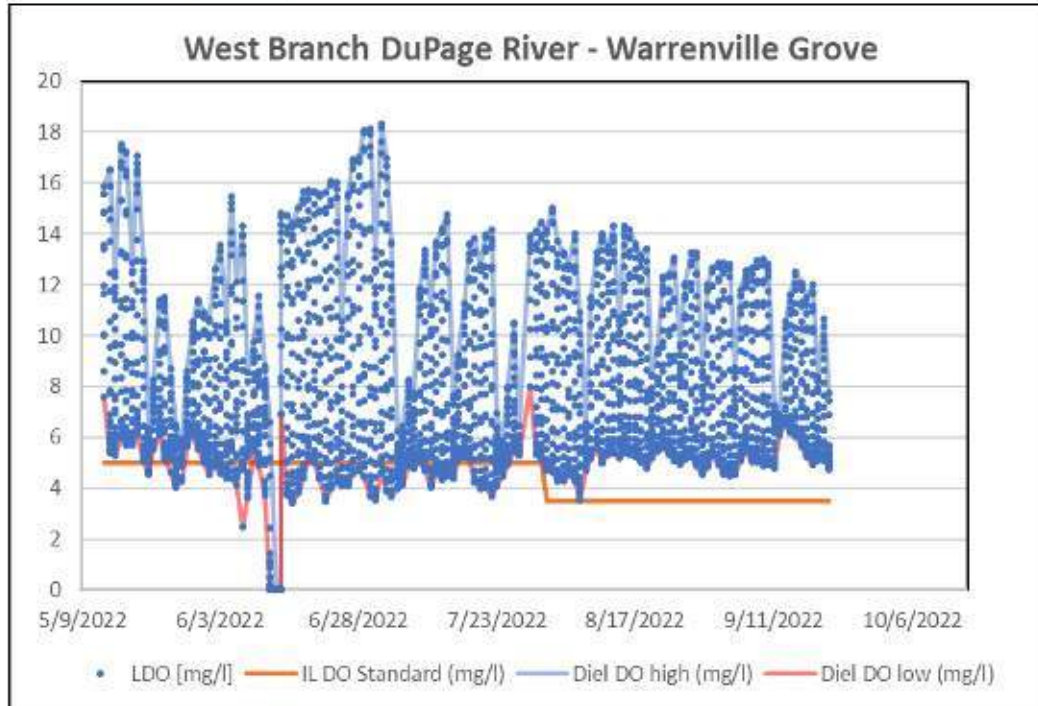


Figure 11. 2022 Dissolved Oxygen plot for the West Branch DuPage River upstream of former McDowell Grove Dam (WBMG)

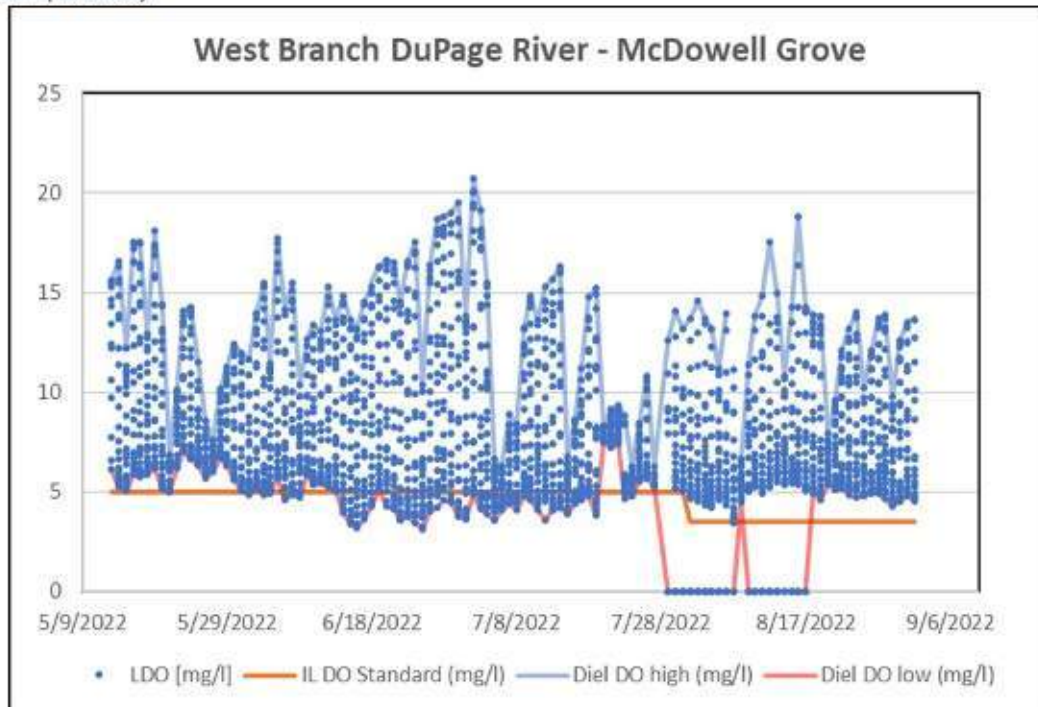




Figure 12. 2022 Dissolved Oxygen plot for the West Branch DuPage River at Bailey Road (WBNPV)

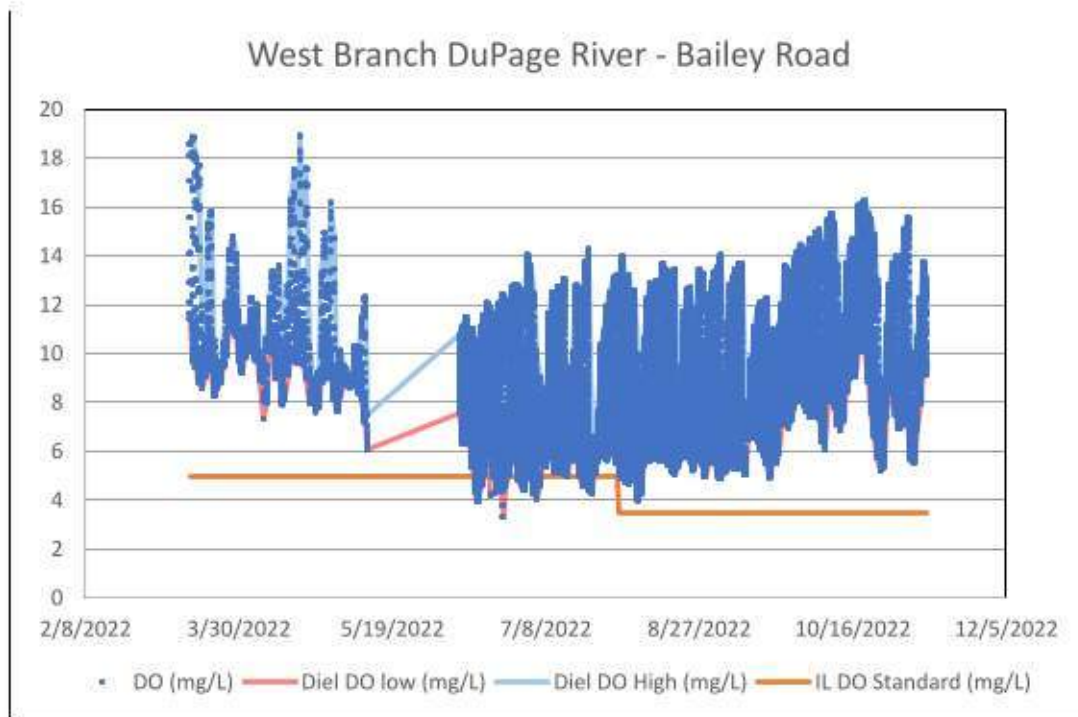


Figure 13. 2022 Dissolved Oxygen plot for the East Branch DuPage River at Army Trail Road (WBAR)

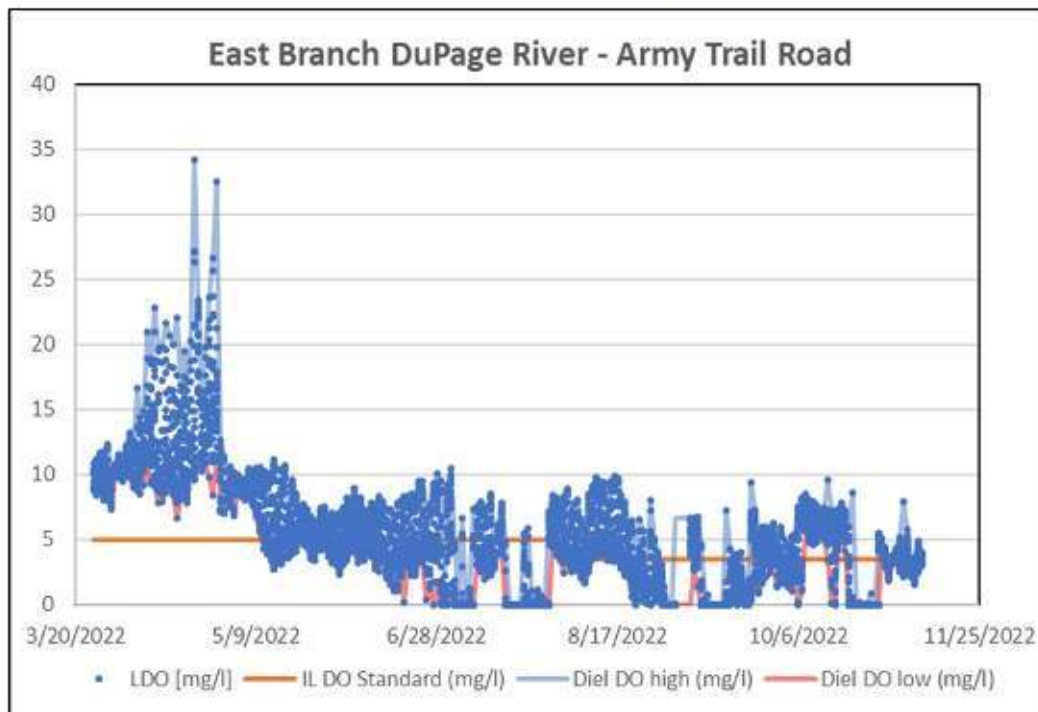




Figure 14. 2022 Dissolved Oxygen plot for the East Branch DuPage River at Crescent Boulevard (EBCB)

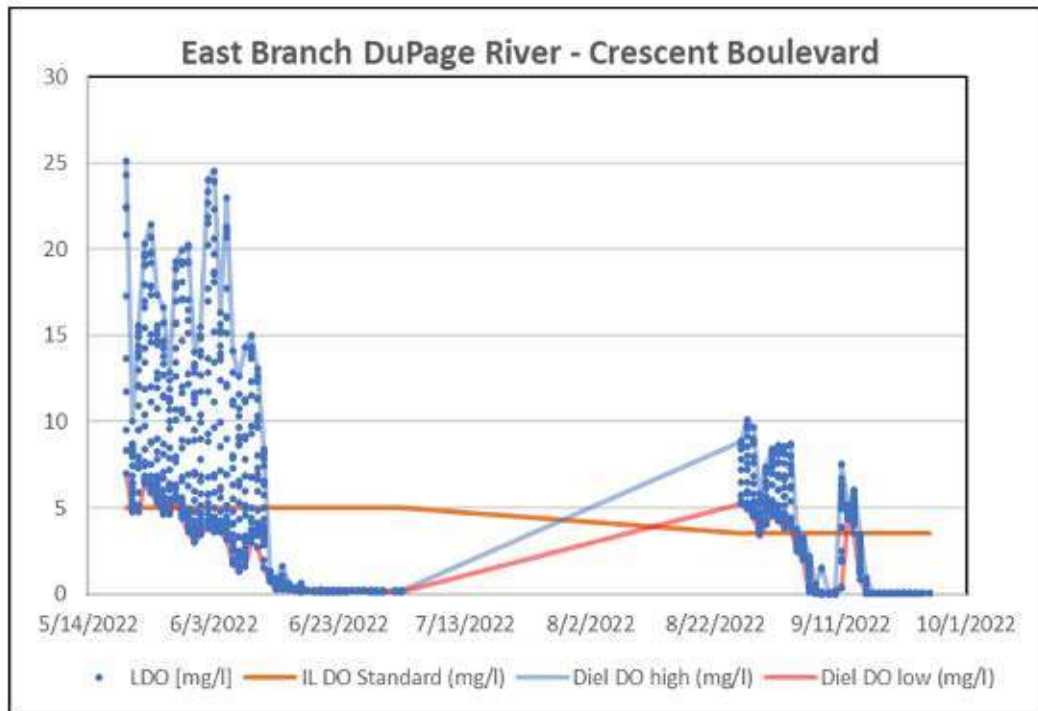


Figure 15. 2022 Dissolved Oxygen plot for the East Branch DuPage River at Hidden Lake Preserve (EBCB)

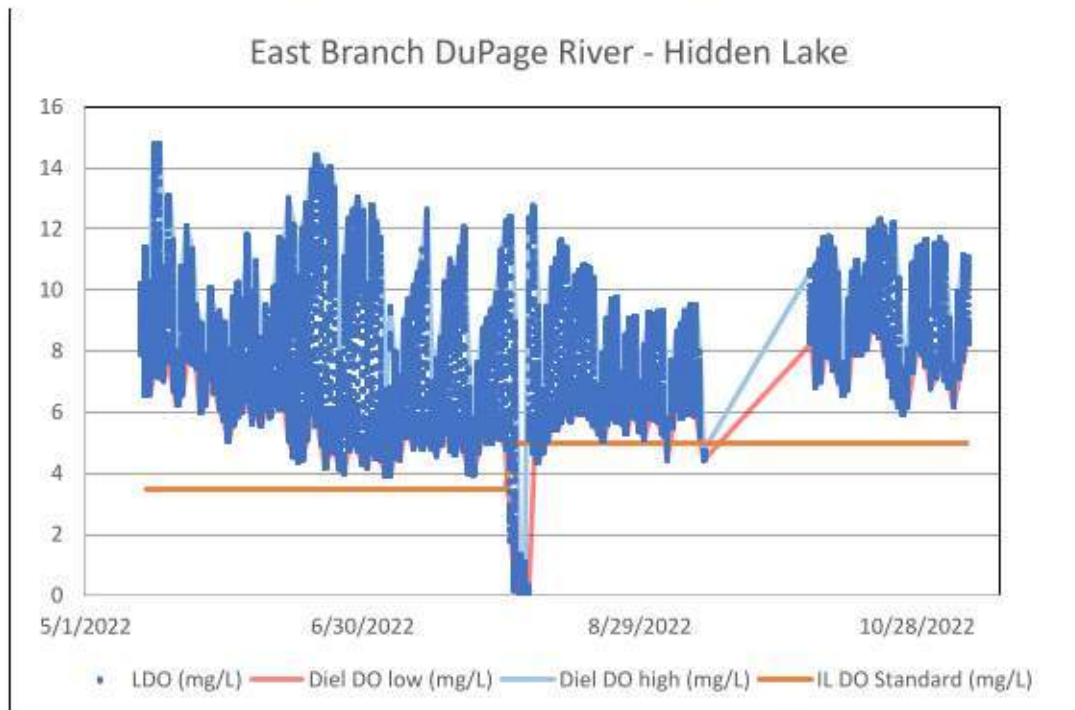




Figure 16. 2022 Dissolved Oxygen plot for the East Branch DuPage River at Hobson Road (EBHR)

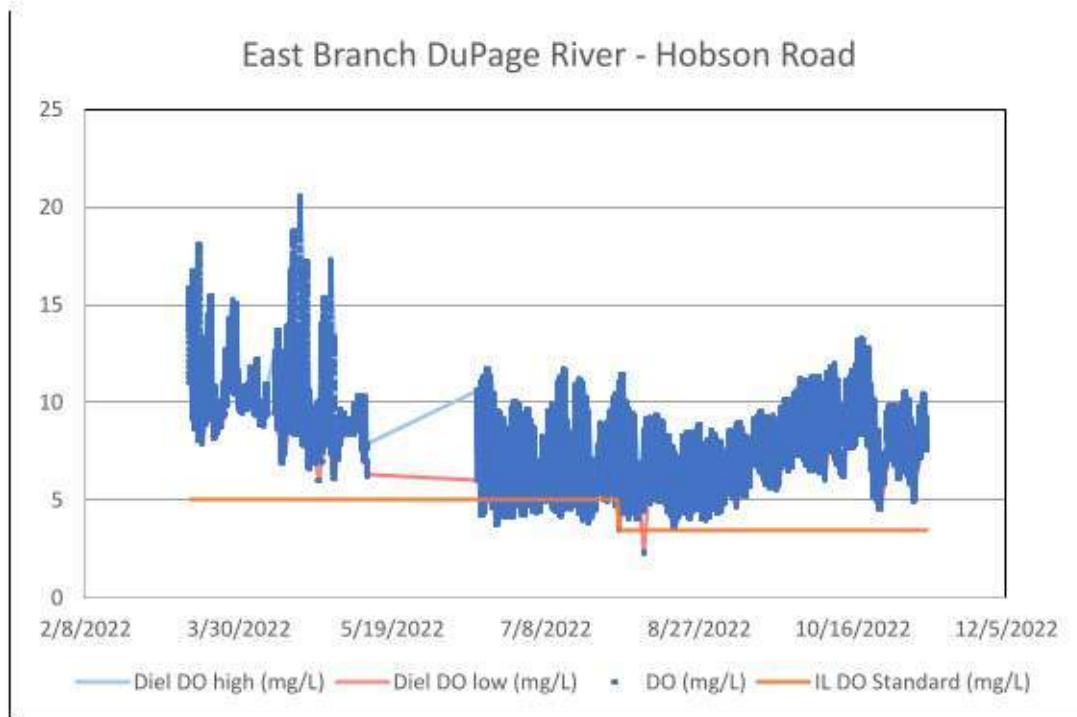


Figure 17. 2022 Dissolved Oxygen plot for the East Branch DuPage River at Whalon Lake (EBWL)

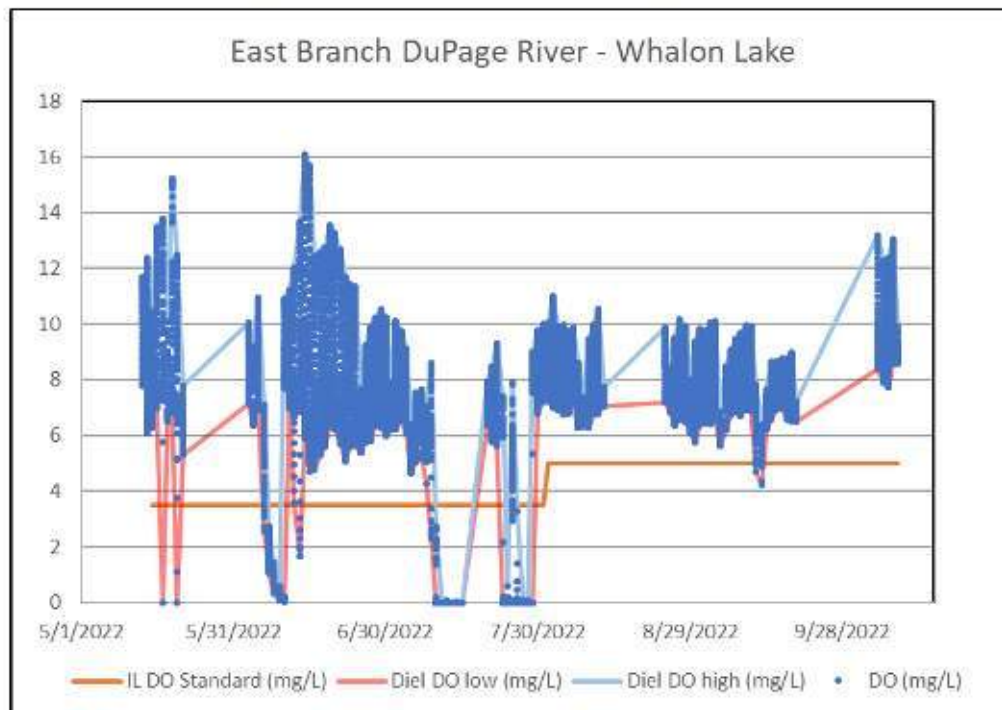




Figure 18. 2022 Dissolved Oxygen plot for Salt Creek downstream of Busse Woods Dam (SCBW)

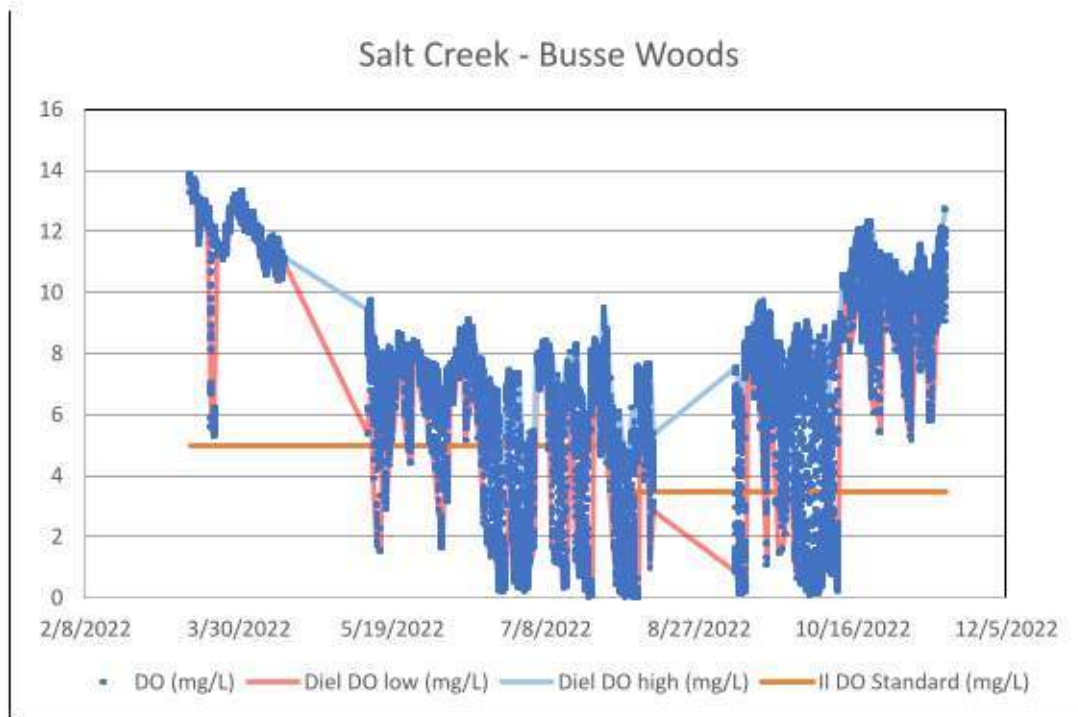


Figure 19. 2022 Dissolved Oxygen plot for Salt Creek upstream of former Oak Meadows Dam (SCOM)

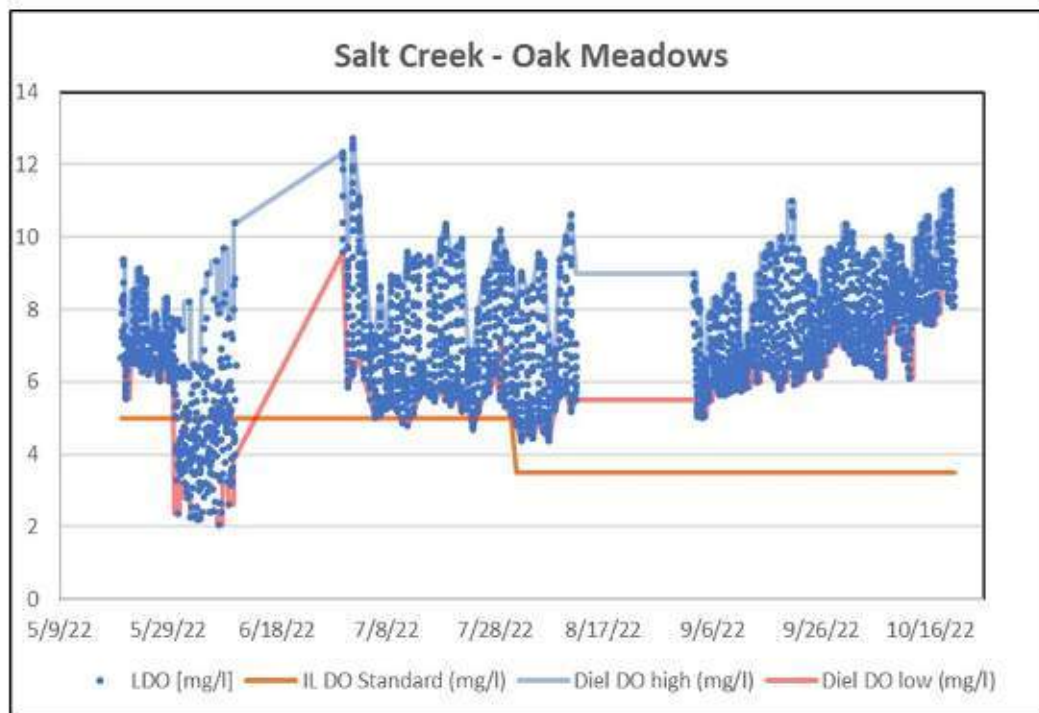




Figure 20. 2022 Dissolved Oxygen plot for Salt Creek at Butterfield Road (SCBR)

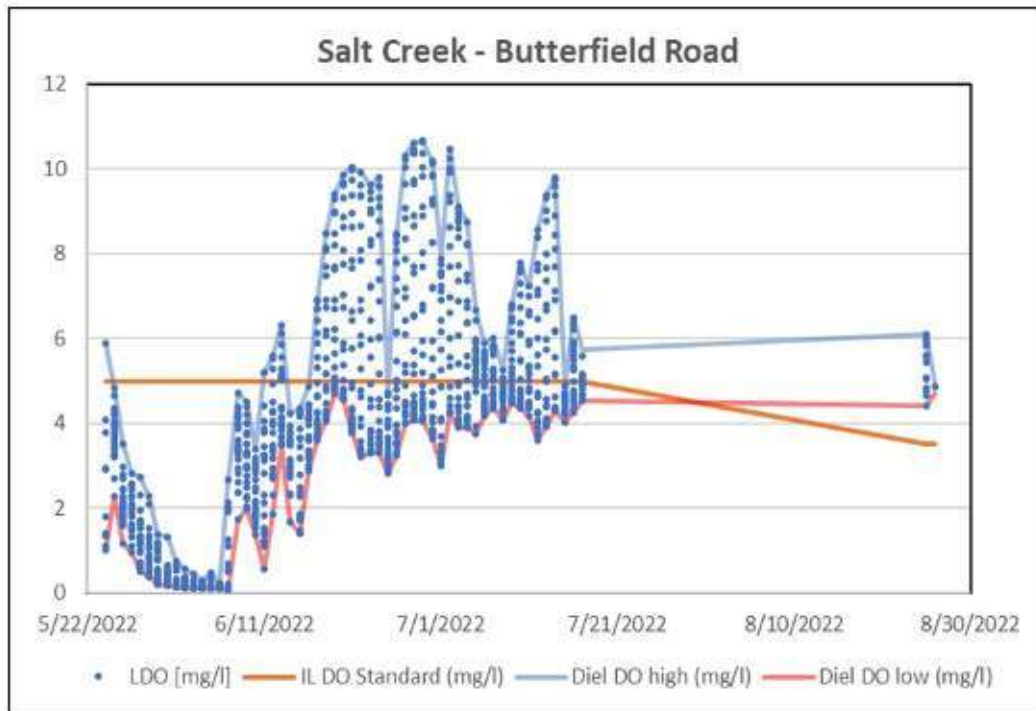


Figure 21. 2022 Dissolved Oxygen plot for Salt Creek in the Fullersburg Woods impoundment (SCFW)

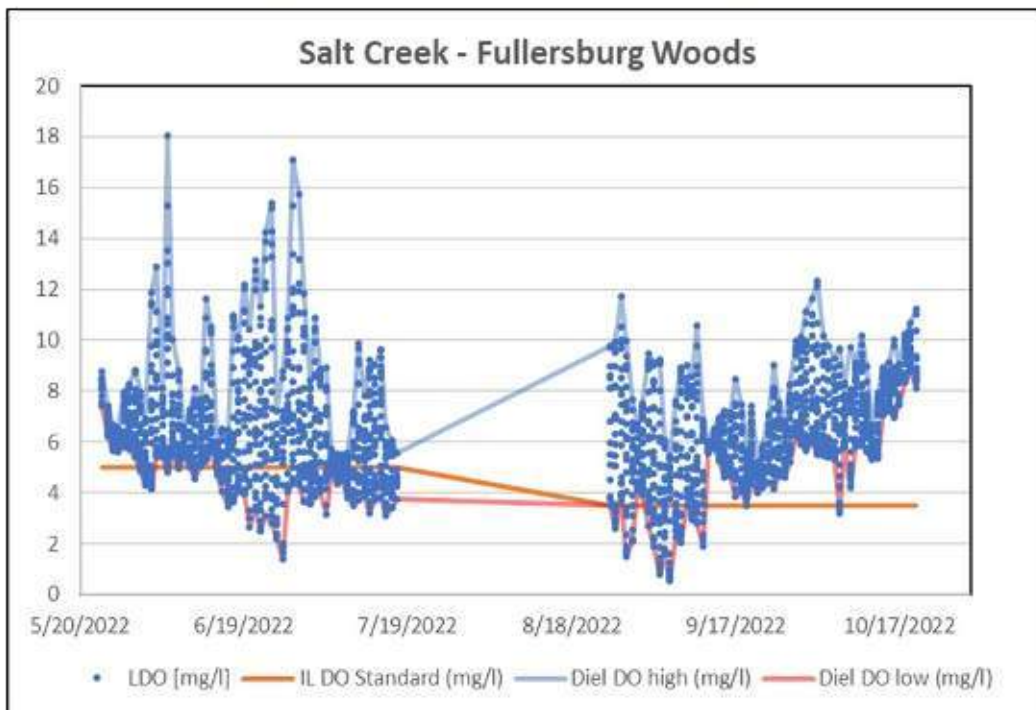
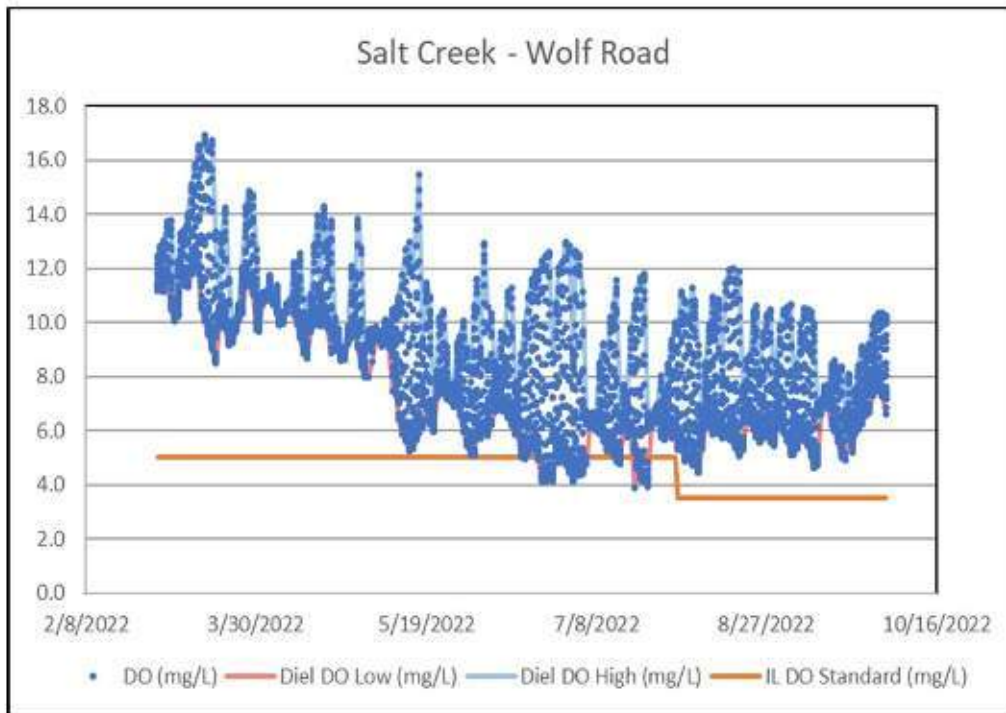




Figure 22. 2022 Dissolved Oxygen plot for Salt Creek at Wolf Road (SCWR)



EXPANDED DO MONITORING

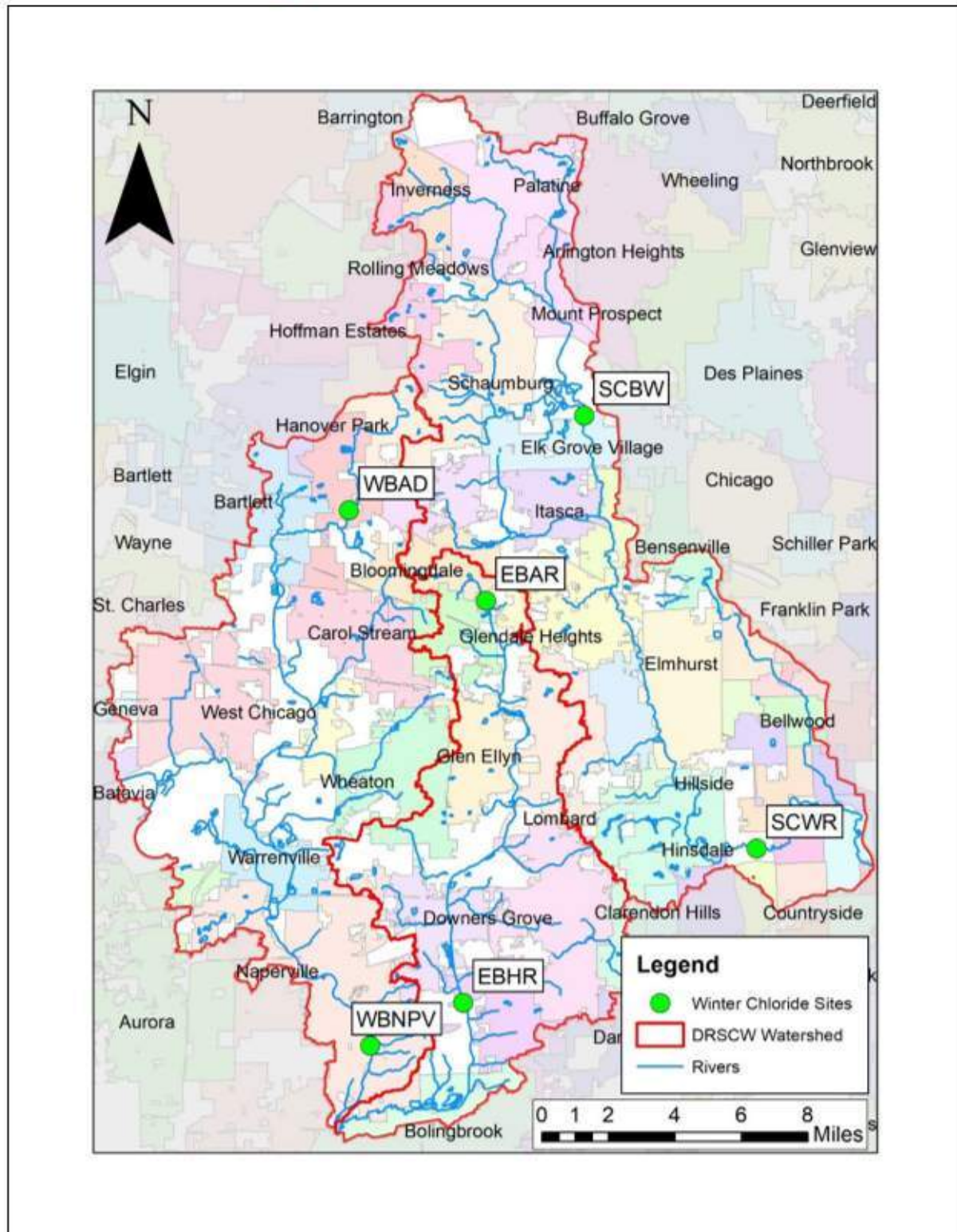
In 2019, the DRSCW began their expanded DO Monitoring Program as a means to collect additional data to support the calibration/validation of the QUAL2Kw models and to support the development of the Nutrient Implementation Plan (NIP). This program is coordinated with the Bioassessment Program (see Table 7 for schedule). No expanded DO sampling was conducted in 2022.

Table 7. Schedule for Expanded DO Monitoring

Basin	Year of Expanded DO Monitoring Completed	Year of Expanded DO Monitoring Scheduled
East Branch DuPage River	2019	2023
West Branch DuPage River	2020	2025
Salt Creek	2021	2027



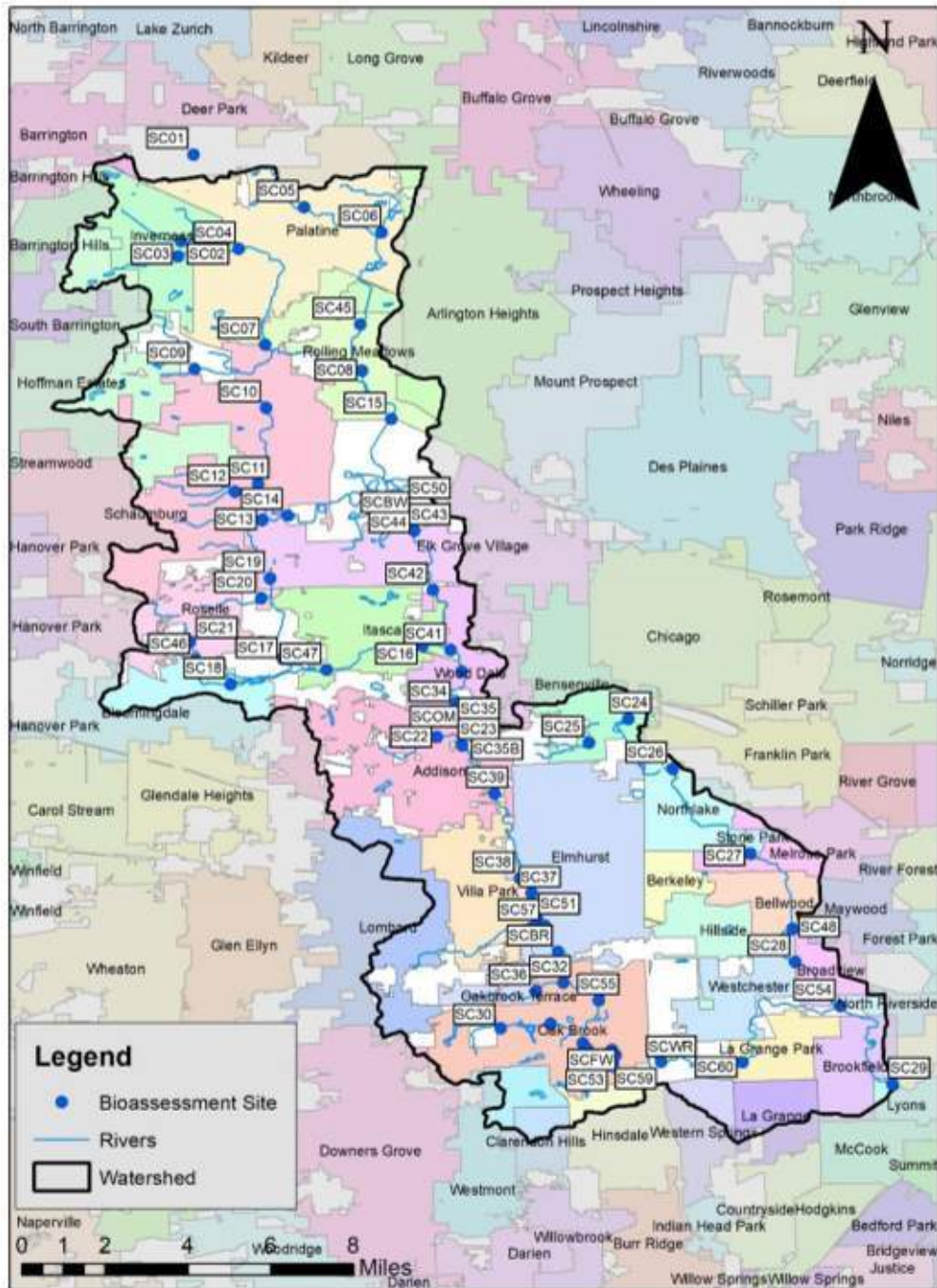
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Map 1. Ambient chloride monitoring sites in the DRSCW watershed (2022)



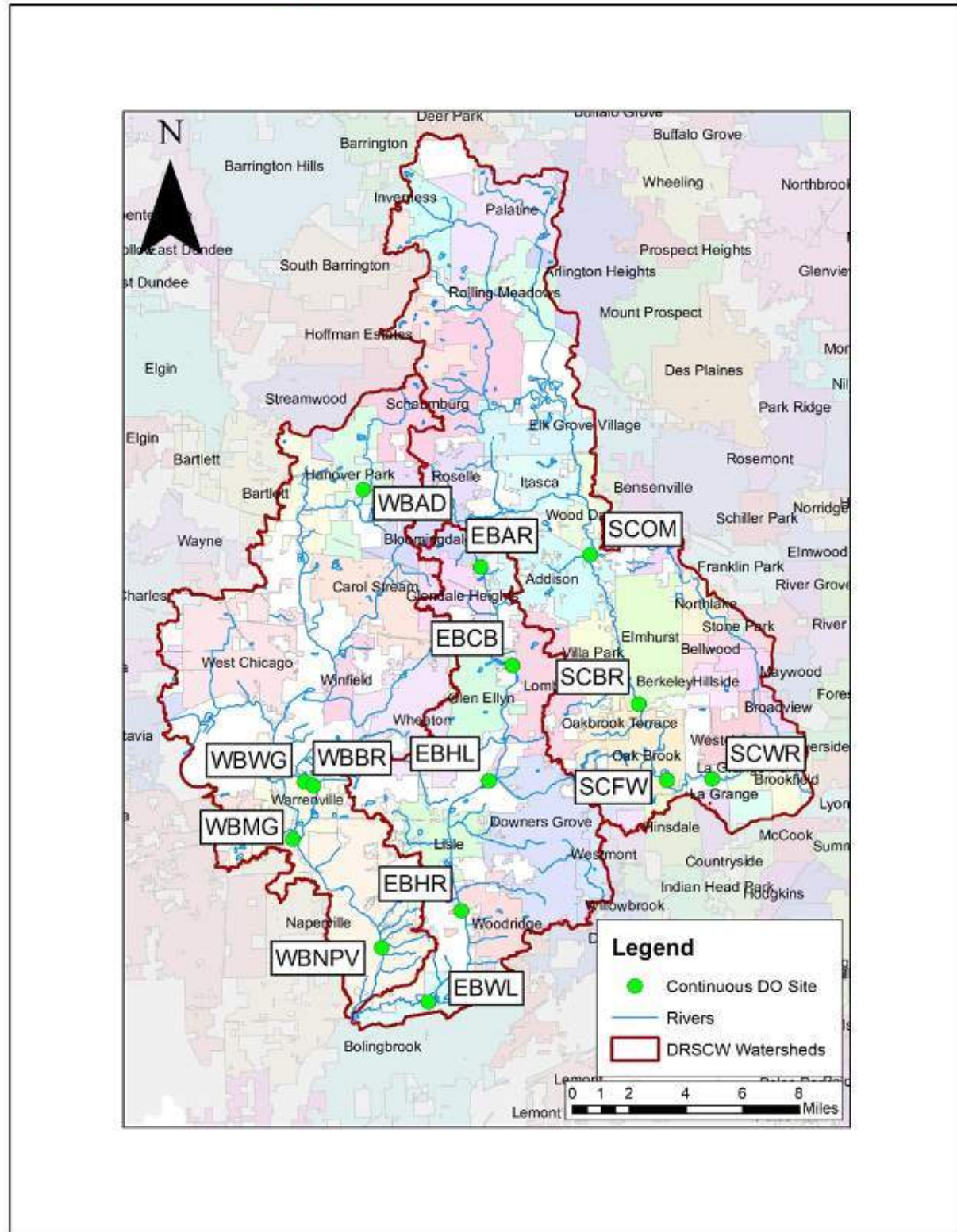
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Map 2. Bioassessment sites in the Salt Creek watershed (2021)



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Map 3. Continuous DO monitoring sites in the DRSCW watersheds (2022)



DuPage River Salt Creek Workgroup

Attachment 1

2022 Public Roads Deicing Workshop
Attendees List

2022 Public Roads Deicing Workshop Attendees (organized by County)

Date	Workshop	Agency	County
October 6th, 2022	Public Roads Deicing Workshop	Village of Arlington Heights	Cook
September 27th, 2022	Public Roads Deicing Workshop	DGO Premium Services Co.	Cook
October 6th, 2022	Public Roads Deicing Workshop	Village of Homewood	Cook
October 5th, 2022	Public Roads Deicing Workshop	Village of Lemont	Cook
September 27th, 2022	Public Roads Deicing Workshop	Village of Lemont Public Works	Cook
October 5th, 2022	Public Roads Deicing Workshop	Village of Midlothian Public Works	Cook
September 27th, 2022	Public Roads Deicing Workshop	Village of Midlothian Public Works	Cook
October 5th, 2022	Public Roads Deicing Workshop	Morton Grove Public Works	Cook
October 5th, 2022	Public Roads Deicing Workshop	Village of Streamwood Public Works	Cook
October 5th, 2022	Public Roads Deicing Workshop	Morton Grove Public Works	Cook
October 5th, 2022	Public Roads Deicing Workshop	Metropolitan Water Reclamation District	Cook
September 27th, 2022	Public Roads Deicing Workshop	Metropolitan Water Reclamation District	Cook
October 5th, 2022	Public Roads Deicing Workshop	Palatine Township Road District	Cook
October 5th, 2022	Public Roads Deicing Workshop	Village of Park Forest	Cook
October 5th, 2022	Public Roads Deicing Workshop	Richton Park	Cook
September 27th, 2022	Public Roads Deicing Workshop	Village of Skokie	Cook
September 27th, 2022	Public Roads Deicing Workshop	Village of South Holland Public Works Dept.	Cook
September 27th, 2022	Public Roads Deicing Workshop	Village of Wilmette	Cook
October 5th, 2022	Public Roads Deicing Workshop	Illinois Tollway	DeKalb
October 5th, 2022	Public Roads Deicing Workshop	Illinois Tollway	DeKalb
September 27th, 2022	Public Roads Deicing Workshop	Village of Addison	DuPage
October 5th, 2022	Public Roads Deicing Workshop	Village of Bartlett	DuPage
October 5th, 2022	Public Roads Deicing Workshop	Village of Bloomingdale	DuPage
October 5th, 2022	Public Roads Deicing Workshop	Village of Carol Stream	DuPage
October 5th, 2022	Public Roads Deicing Workshop	City of Darien	DuPage
September 27th, 2022	Public Roads Deicing Workshop	Forest Preserve District of Dupage County	DuPage
October 5th, 2022	Public Roads Deicing Workshop	Village of Glen Ellyn	DuPage
October 5th, 2022	Public Roads Deicing Workshop	Village of Glendale Heights	DuPage
October 6th, 2022	Public Roads Deicing Workshop	Village of Glendale Heights	DuPage
October 6th, 2022	Public Roads Deicing Workshop	Illinois Tollway Highway Authority	DuPage
October 5th, 2022	Public Roads Deicing Workshop	Illinois Tollway Highway Authority	DuPage
October 6th, 2022	Public Roads Deicing Workshop	Milton Township Highway Department	DuPage
October 5th, 2022	Public Roads Deicing Workshop	Village of Oak Brook Public Works	DuPage
September 27th, 2022	Public Roads Deicing Workshop	Village of Villa Park	DuPage
October 5th, 2022	Public Roads Deicing Workshop	City of West Chicago	DuPage
October 6th, 2022	Public Roads Deicing Workshop	City of West Chicago	DuPage
September 27th, 2022	Public Roads Deicing Workshop	York Township Highway Department	DuPage
October 5th, 2022	Public Roads Deicing Workshop	Kane County Division of Transportation	Kane county
September 27th, 2022	Public Roads Deicing Workshop	Antioch Township Highway Department	Lake
October 5th, 2022	Public Roads Deicing Workshop	Avon Township highway	Lake
September 27th, 2022	Public Roads Deicing Workshop	Village of Fox Lake	Lake
October 5th, 2022	Public Roads Deicing Workshop	Fox Lake Public Works Streets Dept.	Lake
September 27th, 2022	Public Roads Deicing Workshop	Village of Gurnee Public Works	Lake
October 6th, 2022	Public Roads Deicing Workshop	Illinois Tollway Highway Authority	Lake
October 5th, 2022	Public Roads Deicing Workshop	Illinois State Toll Highway Authority	Lake
October 6th, 2022	Public Roads Deicing Workshop	Village of Lake Zurich	Lake
October 5th, 2022	Public Roads Deicing Workshop	Village of Lindenhurst	Lake
October 6th, 2022	Public Roads Deicing Workshop	Village of Lindenhurst	Lake
September 27th, 2022	Public Roads Deicing Workshop	Newport Township Highway Department	Lake
September 27th, 2022	Public Roads Deicing Workshop	Village of Round Lake	Lake
October 6th, 2022	Public Roads Deicing Workshop	Village of Bolingbrook	Will
October 5th, 2022	Public Roads Deicing Workshop	Village of Frankfort	Will
October 6th, 2022	Public Roads Deicing Workshop	Illinois Tollway Highway Authority	Will
October 5th, 2022	Public Roads Deicing Workshop	Village of Manhattan	Will
September 27th, 2022	Public Roads Deicing Workshop	Robinson Engineering, Ltd.	Will
September 27th, 2022	Public Roads Deicing Workshop	Wheatland Twp. Road District	Will
October 5th, 2022	Public Roads Deicing Workshop	Illinois Tollway Highway Authority	Winnabago/Boone



DuPage River Salt Creek Workgroup

Attachment 2

2022 Parking Lots & Sidewalks
Deicing Workshop Attendees List

Attachment 2.

2022 Parking Lots & Sidewalks Deicing Workshop Attendees (organized by County)

Date	Workshop	Agency	County
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Sebert Landscaping	Boone
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Beverly Snow and Ice	Cook
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	Cook County Facilities Management	Cook
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	Village of Crestwood	Cook
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Glenbrook High School Dist. 225	Cook
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	Glencoe Park District	Cook
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	Village of Lemont	Cook
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Village of Lemont Public Works	Cook
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	Metropolitan Water Reclamation District	Cook
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Metropolitan Water Reclamation District	Cook
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	Village of Park Forest	Cook
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	Village of Riverside	Cook
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Sebert Landscaping	Cook
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Village of Skokie	Cook
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	Village of Flossmoor	Cook
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	Butterfield Park District	DuPage
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Forest Preserve District of DuPage County	DuPage
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Sebert Landscaping	DuPage
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	DuPage County Stormwater	DuPage
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	Cornerstone Partners Horticultural Services Co.	Kane
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	Fox Valley Park District	Kane
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	City of Kankakee Environmental Services Utility	Kankakee
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	North Shore Water Reclamation District	Lake
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Village of Wauconda	Lake
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	Crystal Lake School District #47	McHenry
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	McHenry HS District 156	McHenry
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Sebert Landscaping	McHenry
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Woodstock School District	McHenry
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Sebert Landscaping	Milwaukee, WI
October 11th, 2022	Parking Lots & Sidewalks Deicing Workshop	Elwood School District	Will
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Joliet Junior College	Will
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Robinson Engineering, Ltd.	Will
September 29th, 2022	Parking Lots & Sidewalks Deicing Workshop	Sebert Landscaping	Will

Appendix C

Summary of Public Outreach, March 2022 to March 2023

ILLINOIS TOLLWAY GENERAL NPDES PERMIT NO. ILR40
Summary of Summary of Public Outreach,
March 2022 to March 2023

Central Tri-State Technical Outreach Committee Meetings:

April 13, 2022 – Virtual Meeting

I-490 - Elgin O'hare Western Access Local Advisory Committee Meetings:

April 14, 2022 – Bensenville Police Station

IL Route 390 US 20 Interchange Improvement Public Open House:

October 4, 2022 – Village Hall of Hanover Park

Appendix D

Summary of Illicit Discharges March 2022 to March 2023

**ILLINOIS TOLLWAY GENERAL NPDES PERMIT NO.
ILR40 Summary of Illicit Discharges
March 2022 to March 2023**

IEMA Number (Illinois Tollway Special Issues Log Number)	Roadway, Direction	M.P. No.	Incident Description	Response/Resoluti on	Date of Illicit Discharge Report	Tollway 24- hour IEPA notification	Tollway 5-day Report to IEPA
H-2022-1053	Northbound I-355 Exit Ramp (Ramp B) to 75 th Street	15.40	<p>On Nov 28, 2022 around 11:00 am, an Airoidi Brothers truck had a diesel fuel leak on northbound I-355, south of 75th Street, and decided to pull over onto the right shoulder of the 75th Street Exit Ramp (Ramp B). About 50 gallons of diesel fuel from the truck leaked into a Tollway catch basin. The fuel then drained through the Tollway 24"/54" sewer system into Village of Woodridge sewer system out into Crabtree Creek.</p> <p>On Nov 29, 2022 - one day after the incident, Village of Woodridge received reports from the residents that live adjacent to the Village's sewer outlet at Crabtree Creek (Janes Avenue and Crabtree Avenue) that the water discharging from the sewer outlet was green (from bio-solve product), had sheen and smelled like fuel. After some investigation from the Village, the Village staff traced the fuel through the storm sewer system back to the location of the spill on I-355 75th Street Exit Ramp (Ramp B).</p>	<p>Once the incident occurred, Airoidi Brothers called a tow company (name unknown) to pick up the disabled truck. The tow company called another tow company named Lin Mar Towing to assist with the cleanup. Lin Mar Towing called Grit Pipe Solutions to vacuum out the diesel fuel in the catch basin. Green Tech Spill Response was also called out to assist with the cleanup by putting a bio-solve product into the sewer systems and oil dry to soak up the fuel in the shoulder gutter. Both Grit Pipe Solutions and Green Tech Spill Response came back the next day (Nov 29, 2022) to finish the cleanup at the Tollway. On the morning of Nov 29, Tollway maintenance received a call from dispatch regarding a vacuum truck company that was looking for back up on the ramp during the cleanup. Green Tech Spill Response also placed a total of 8 oil booms (double rows at 4 locations) between the outfall of the Village of Woodridge's sewer and the upstream of Larchwood Lane Crossing.</p> <p>George Garbis from Green Tech Spill Response filed the Hazardous Materials Incident Report to Illinois Emergency Management Agency immediately after the incident occurred and the report # is H-2022-1053. Mary Beth Falsey from DuPage County Stormwater reported the incident and provided the IEMA report to Tollway environmental staff via email on the afternoon of Tuesday, Nov 29. Tollway GEC staff went to spill site on Wednesday Nov 30th and observed minor staining on the ramp shoulder and barrier wall from the spill and that the green color from bio-solve product was no longer evident in the catch basin with a mild detection of diesel odor. On Thursday, Dec 1, GEC staff went to Crabtree creek sewer outfall at Janes Avenue. The green color was no longer evident, oil booms were in place and a water sample was taken immediately downstream of the sewer outfall that had a distinct diesel odor but no fuel sheen. Another sample was taken about 300 feet downstream and no odor was detected and no sheen.</p>	11/28/2022	Yes	IEPA was notified on 11-28-2022
H-2023-0022	Southbound I-294	5.00	On Jan 10, 2023 around 04:40 pm, some roadside debris punctured the tank of a truck and 30 gallons of diesel fuel was leak on the roadway.	Kitty litter was applied to the roadway and the leak of the tank was stopped. HazChem was dispatched to cleanup and contained the leak.	01/10/2023	Yes	IEPA was notified on 01-10-2023

Appendix E

Summary of NPDES Construction Activity Permit Compliance Milestones March 2022 to March 2023



NeT
NPDES eReporting Tool

NPDES Stormwater Construction General Permit

Create New/Request Permissions

Create new NOI or LEW

Request Permissions for an existing NOI or LEW

Do I qualify for a LEW?

My Projects/Sites

Filter

Show 100 entries

Column Visibility

Actions	Owner Name	Operator Name	Project / Site Name	NPDES ID	Submission Status	Submission Type	Coverage Status	Coverage Type	Certified / Submitted Date	Effective Date	Expiration Date	Last Modified Date
Actions	Illinois Tollway	Judlau Contracting, Inc.	Contract I-21-4737 Railroad Retaining Wall Construction	ILR10ZBGH	Approved	New	Active	General Permit	03/02/2022	04/01/2022	07/31/2023	04/01/2022 1:30 PM
Actions	Illinois State Toll Highway Authority	Plote Construction Inc./Peter Baker & Sons Co (JV)	ISTHA RR-21-4827 - Pavement Rehabilitation	ILR10ZBIP	Approved	New	Active	General Permit	03/16/2022	04/15/2022	07/31/2023	04/15/2022 6:30 AM
Actions	Illinois Tollway	Plote Construction Inc.	4819: Pavement and Shoulder Rehab, Flagg Creek to Cermak Road	ILR10ZBKT	Approved	New	Active	General Permit	03/30/2022	04/29/2022	07/31/2023	04/29/2022 10:00 AM
Actions	Illinois Tollway	Dunnet Bay Construction Company	4714: I-490 & IL Route 390 Interchange, Roadway and Bridge Construction	ILR10ZBNU	Approved	New	Active	General Permit	04/19/2022	05/19/2022	07/31/2023	05/19/2022 9:30 AM
Actions	Illinois Tollway	Enlight Contracting, LLC.	4597: Mile Long Bridge	ILR10ZBO9	Approved	New	Active	General Permit	04/20/2022	05/20/2022	07/31/2023	05/20/2022 3:30 PM
Actions	Illinois Tollway	Lorig Construction Company	4594: 88th and Cork Avenue at I-294 Ramps A and B	ILR10ZBON	Approved	New	Active	General Permit	04/22/2022	05/22/2022	07/31/2023	05/22/2022 11:00 AM
Actions	Illinois Tollway	Lorig Construction Company	4814: Plaza 35 Noise Abatement Wall Replacement	ILR10ZBTW	Approved	New	Active	General Permit	06/06/2022	07/06/2022	07/31/2023	07/06/2022 8:00 PM
Actions	Illinois Tollway	Schwartz Excavating, Inc.	4830 Grading and Drainage Improvements	ILR10ZBWW	Approved	New	Active	General Permit	07/01/2022	07/31/2022	07/31/2023	07/31/2022 12:00 PM
Actions	Illinois Tollway	Foundation Mechanics	4839: I-94 Drainage Repairs	ILR10ZC0E	Approved	Reapplication	Active	General Permit	08/04/2022	09/03/2022	07/31/2023	09/03/2022 1:00 PM
Actions	Illinois Tollway	Foundation Mechanics	4818: I-90 Watermain Cathodic Protection	ILR10ZC0J	Withdrawn	New	Inactive	General Permit	07/28/2022	-	-	08/02/2022 8:27 AM

⊕	Actions	ILLINOIS TOLLWAY	OHLA/Judlau Contracting	4736: EOWA (I-490) Railroad Bridge Construction UPRR Over Grand Avenue	ILR10ZC5C	Approved	New	● Active	General Permit	09/07/2022	10/07/2022	07/31/2023	10/07/2022 1:00 PM
⊕	Actions	ILLINOIS TOLLWAY	Walsh Construction Company II, LLC	4835: I-294 NB Roadway and Bridge Reconstruction	ILR10ZC5J	Approved	New	● Active	General Permit	09/08/2022	10/08/2022	07/31/2023	10/08/2022 11:00 AM
⊕	Actions	IllinoisTollway	Lorig Construction	Illinois Tollway 4834 Tri-State Tollway (I-294) MP 27.8 to MP 29.5	ILR10ZC9Q	Approved	New	● Active	General Permit	11/04/2022	12/04/2022	07/31/2023	12/04/2022 2:30 PM
⊕	Actions	Illinois Tollway	Schwartz Excavating Inc.	I-19-4485 Compensatory Storage at the Elmhurst Quarry for Illinois Tollway I-294	ILR10ZCBZ	Approved	New	● Active	General Permit	11/30/2022	12/30/2022	07/31/2023	12/30/2022 6:30 PM
⊕	Actions	Illinois Tollway	Judlau Contracting Inc.	4831: I-294 Roadway Reconstruction and Widening MP 23.8-25	ILR10ZCCN	Approved	New	● Active	General Permit	12/13/2022	01/12/2023	07/31/2023	01/12/2023 2:30 PM
⊕	Actions	ILLINOIS TOLLWAY	F.H. Paschen	4832: I-294 Reconstruction and Widening Hinsdale Oasis to 47th Street	ILR10ZCE9	Approved	New	● Active	General Permit	01/04/2023	02/03/2023	07/31/2023	02/03/2023 8:00 PM
⊕	Actions	ILLINOIS TOLLWAY	F.H. Paschen	4833: I-294 Reconstruction and Widening from 47th Street to Ogden Avenue	ILR10ZCEA	Approved	New	● Active	General Permit	01/04/2023	02/03/2023	07/31/2023	02/03/2023 8:30 PM
⊕	Actions	ILLINOIS TOLLWAY	FH Paschen, SN Nielsen & Assoc	4746: Advance Roadway Construction at Touhy Avenue	ILR10ZCGQ	Approved	New	● Active	General Permit	01/25/2023	02/24/2023	07/31/2023	02/24/2023 10:00 AM
⊕	Actions	ILLINOIS TOLLWAY	Lorig Construction Company	4727: EOWA Roadway & Bridge Construction Franklin Avenue to IL 19	ILR10ZCHX	Approved	New	● Active	General Permit	02/01/2023	03/03/2023	07/31/2023	03/03/2023 12:00 PM
⊕	Actions	ILLINOIS TOLLWAY	Judlau Contracting, Inc.	4855: I-294 Plaza 41 Improvements	ILR10ZCI8	Approved	New	● Active	General Permit	02/02/2023	03/04/2023	07/31/2023	03/04/2023 2:30 PM

Showing 1 to 20 of 20 entries

Appendix F

Maintenance Facility SWPPP Inspection Reports May/November 2022

FY2022 Annual Inspection Report

NPDES Maintenance Facility



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M-2 Maintenance Facility Inspection Report (Hillside, IL)

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M-3 Maintenance Facility Inspection Report (Park Ridge, IL)

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M-4 Maintenance Facility Inspection Report (Gurnee, IL)

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M-4 Deerfield Road Salt Dome Inspection Report (Northbrook, IL)

APPENDIX F

**M-5 Maintenance Facility Inspection Report
(Arlington Heights, IL)**

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M-6 Maintenance Facility Inspection Report (Marengo, IL)

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**M-8 Sign Shop & Central Warehouse Inspection Report
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M-11 IL Route 47 Salt Dome Inspection Report (DeKalb, IL)

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M-14 Maintenance Facility Inspection Report (Downers Grove, IL)

APPENDIX P

**M-14 Central Support Facility Inspection Report
(Downers Grove, IL)**

APPENDIX Q

**M-14 Spring Creek Maintenance Annex Inspection Report
(Lockport, IL)**

APPENDIX R

M-16 Maintenance Facility Inspection Report (Bensenville, IL)

1.0 Introduction

The National Pollutant Discharge Elimination System (NPDES) Phase II regulations (40 Code of Federal Regulations (CFR) Part 122.33) requires operators of regulated small municipal separate storm sewer systems (MS4's) to apply for coverage under a NPDES permit for discharges from its storm sewer system. As an operator of an MS4, the Illinois Tollway was issued coverage under the statewide General NPDES Permit (ILR40) from the Illinois Environmental Protection Agency (IEPA) as Permit No. ILR400494. The current General NPDES Permit ILR40 has an effective date of March 1, 2016 and an expiration date of February 28, 2021. This permit has not yet been renewed by the IEPA. The following is stated on the IEPA website: *"2021 MS4 Permit Renewal Notice: The MS4 Permit is in the process of being reissued. Until this permit is reissued you will continue to operate under the expiring MS4 permit. The timeframe for the renewal will most likely occur by March 2023. If you have not submitted an NOI for Renewal, please do so as soon as possible. Please note we have new Renewal & Waiver NOIs."*

The regulations (40 CFR 122.34) also require that all MS4 operators develop, implement, and enforce a written Stormwater Management Program (SWMP) designed to reduce the discharge of pollutants from the MS4 to the maximum extent practicable (MEP), to protect water quality, and to satisfy the appropriate water quality requirements of the Clean Water Act. The SWMP is required to include six minimum control measures (MCMs):

1. Public education and outreach on stormwater impacts
2. Public involvement and participation
3. Illicit discharge detection and elimination
4. Construction site stormwater runoff control
5. Post-construction stormwater management in new development and redevelopment
6. Pollution prevention and good housekeeping for municipal-type operations

For each of the six MCMs, the MS4 is required to establish BMPs and measurable goals to ensure the reduction of all of the pollutants of concern in the MS4's storm water discharges to the maximum extent practicable.

The Illinois Tollway developed a Facilities Stormwater Pollution Prevention Plan (Facilities SWPPP) to, in part, fulfill requirements of the Pollution Prevention/Good Housekeeping MCM. The Facilities SWPPP provides an overview of the facilities operated by the Illinois Tollway, the operations conducted at these facilities, the potential pollutants associated with the facilities and operations, the maintenance and mitigative measures to be used to reduce potential impacts to stormwater, an employee training program for stormwater protection, and an inspection and record-keeping process.

This report contains the results of the NPDES SWPPP inspections performed at Illinois Tollway Maintenance Facilities completed in May and December of 2022. In 2022 bi-annual inspections were performed as a pilot program. In past years, inspections were performed annually. The use of bi-annual inspections in the future is under consideration. References to annual inspections remain throughout this report.

2.0 Inspection Scope and Methodology

The Illinois Tollway General Engineering Consultant (GEC) performs an annual inspection of each maintenance facility to achieve the following objectives:

- Identify conditions or practices that could potentially result in impacts to stormwater and result in an illicit discharge and/or non-compliance with the Illinois Tollway's IEPA NPDES MS4 permit; and
- Evaluate the effectiveness and adequacy of the requirements contained within the Facility SWPPP.

Key elements of the inspections are as follows:

- Work Practices: Interior and exterior workspaces are inspected for maintenance and/or operations work practices which have the potential to impact stormwater quality. These include general housekeeping, fueling, equipment storage, outdoor vehicle and equipment storage and parking, vehicle maintenance, liquid storage in aboveground storage tanks, salt and deicing liquid storage and transfer, vehicle washing, waste management, spill containment and response, oil-water separator operation and maintenance, and chemical storage. The inspector verifies:
 - Hazardous materials including, but not limited to, used oil and solvents are stored in a manner that prevents their exposure to stormwater;
 - Vehicle maintenance, vehicle fueling, vehicle/equipment washing, and materials handling are conducted in a manner the minimizes impacts to stormwater;
 - Storage tanks are in good physical condition and maintained in a manner to prevent and readily detect spills or releases;
 - Adsorbent material or spill response materials are stored at the facility in a manner that promotes rapid response;

- Oil-water separators, sump pits, secondary containments, and other structural BMPs are properly maintained and are in good working order; and
 - General refuse and other wastes are properly stored and contained.
- Erosion: Exterior areas are inspected for excessive erosion and areas that are devoid of vegetation or other required stabilization measures to effectively control erosion and prevent sedimentation. Additionally, perimeter controls, ditches and stormwater detention ponds are inspected for excessive sediment accumulation or turbidity.
- Materials Management: Locations of erodible material storage piles including, but not limited to, sweepings, ditch sediment cleanings, gravel, salt, asphalt grindings, concrete and soil are inspected to determine if materials are stored in a manner which minimizes or prevents the potential to impact stormwater. The inspector verifies that:
 - Erodible material storage locations are located away from surface water and drainage pathways; and
 - Erodible materials are stored in a manner to prevent or minimize contact with stormwater and prevent discharge into the stormwater drainage system.
- Drainage System and Pollution Sources: The stormwater drainage system and potential pollutant sources are reviewed to confirm that conditions described in the Facility SWPPP are accurate.

Currently, the following Illinois Tollway facilities are subject to annual SWPPP inspections:

- M-1 Maintenance Facility (Alsip, IL)
- M-2 Maintenance Facility (Hillside, IL)
- M-3 Maintenance Facility (Park Ridge, IL)
- M-4 Maintenance Facility (Gurnee, IL)
- M-4 Deerfield Road Salt Dome (Northbrook, IL)
- M-5 Maintenance Facility (Arlington Heights, IL)
- M-6 Maintenance Facility (Marengo, IL)
- M-7 Maintenance Facility (Rockford, IL)
- M-8 Maintenance Facility (Aurora, IL)
- M-8 Central Warehouse & Sign Shop (Aurora, IL)
- M-11 Maintenance Facility (DeKalb, IL)
- M-11 IL Route 47 Salt Dome (DeKalb, IL)
- M-12 Maintenance Facility (Dixon, IL)
- M-12 IL Route 251 Salt Dome (Rochelle, IL)
- M-14 Maintenance Facility (Downers Grove, IL)

- M-14 Central Support Facility (Downers Grove, IL)
- M-14 Spring Creek Maintenance Annex (Lockport, IL)
- M-16 Maintenance Facility (Bensenville, IL)

3.0 Program Reporting and Communication

This *Annual Inspection Report* serves as the primary document to record the deficiencies identified during the Facility SWPPP inspections. This report, including the appended inspection reports for each facility, are provided to the Maintenance Area District Managers for review and implementation of the recommended corrective actions in coordination with the Facility Manager and Supervisor for each facility. Corrective actions are prioritized based on the following risk factors: human health and safety, impairment to receiving waters of the state, cost, benefit, and feasibility.

A year-end status report will subsequently be prepared to record the status of corrective actions taken to mitigate the identified deficiencies. Following corrective action, the Facility Managers will coordinate with the GEC MS4 Program Manager to schedule a follow-up inspection to document the completed actions.

Copies of the Annual Inspection Report are retained at each facility. The Illinois Tollway advises the Illinois EPA on the results of the inspections in the submitted annual report in accordance with the requirements of the Illinois Tollway's MS4 permit. Each annual report covers the period from March of the previous year through March of the current year.

4.0 Inspection Findings and Recommendations

Below is a summary of deficiencies identified during the inspections completed in May (Mid-Year) and December (Year-End) 2022 and the associated recommended corrective actions. Refer to the individual *SWPPP Inspection Reports* contained within the appendices for more information.

M-1 Maintenance Facility (Alsip, IL)

Mid-Year Inspection

1. Place drip pan below emulsion tank.
2. Clean up oil/absorbent at fueling station.

Year-End Inspection

None – Previous issues resolved.

M-2 Maintenance Facility (Hillside, IL)

Mid-Year Inspection

1. Cover dumpsters to prevent stormwater contamination.
2. Clean up oil dry near fueling station.
3. Replace “Waste Oil” label with “Used Oil” label per 40 CFR § 279.22.

Year-End Inspection

1. Cover dumpster to prevent stormwater contamination. (Repeat issue)
2. Replace “Antifreeze” label with “Used Antifreeze”.
3. Keep Salt Brine AST valve closed when not in use.

M-3 Maintenance Facility (Park Ridge, IL)

Mid-Year Inspection

1. Cover dumpsters to prevent stormwater contamination.
2. Clean up spill within truck parking area.
3. Replace electronic valve for calcium chloride AST, appears damaged.
4. Open battery left outside near used antifreeze AST.

Year-End Inspection

1. Cover dumpster to prevent stormwater contamination. (Repeat issue)

M-4 Maintenance Facility (Gurnee, IL)

Mid-Year Inspection

1. Place drip pan below emulsion tank dispensing valve.

Year-End Inspection

None – Previous issues resolved.

M-4 Deerfield Road Salt Dome (Northbrook, IL)

Mid-Year Inspection

None

Year-End Inspection

None

M-5 Maintenance Facility (Arlington Heights, IL)

Mid-Year Inspection

1. Replace flammable cabinet near used oil AST.
2. Cover dumpsters to prevent stormwater contamination.

Year-End Inspection

1. Replace flammable cabinet near used oil AST. (Repeat issue)
2. Cover dumpster to prevent stormwater contamination. (Repeat issue)
3. Cap/wrap plow hydraulic lines when not in use.

M-6 Maintenance Facility (Marengo, IL)

Mid-Year Inspection

1. Cover dumpsters to prevent stormwater contamination.
2. Label used oil AST properly as “Used Oil”.
3. Replace “Coolant” label with “Used Antifreeze”.

Year-End Inspection

1. Cover dumpsters to prevent stormwater contamination. (Repeat issue)

M-7 Maintenance Facility (Rockford, IL)

Mid-Year Inspection

None

Year-End Inspection

1. Cover dumpsters to prevent stormwater contamination.
2. Keep calcium chloride AST valves closed when not in use.

M-8 Maintenance Facility (Aurora, IL)

Mid-Year Inspection

1. Cap/wrap plow hydraulic lines when not in use.
2. Place drip pan below emulsion tank dispensing valve.

Year-End Inspection

1. Cap/wrap plow hydraulic lines when not in use.
2. Replace "Waste Oil" label with "Used Oil" label per 40 CFR § 279.22.

M-8 Central Warehouse & Sign Shop (Naperville, IL)

Mid-Year Inspection

1. Move used batteries under shed and elevate to prevent stormwater contamination.
2. Move gas cans into flammable material storage cabinet.

Year-End Inspection

1. Move used batteries under shed and elevate to prevent stormwater contamination.
(Repeat issue)
2. Cover dumpsters to prevent stormwater contamination.

M-11 Maintenance Facility (DeKalb, IL)

Mid-Year Inspection

1. Cover dumpsters to prevent stormwater contamination.
2. Replace "Waste Oil" label with "Used Oil" label per 40 CFR § 279.22.

Year-End Inspection

1. Replace "Waste Oil" label with "Used Oil" label per 40 CFR § 279.22. (Repeat issue)
2. Replace "Antifreeze" label with "Used Antifreeze".

M-11 IL Route 47 Salt Dome (DeKalb, IL)

Mid-Year Inspection

None

Year-End Inspection

None

M-12 Maintenance Facility (Dixon, IL)

Mid-Year Inspection

1. Replace “Waste Oil” label with “Used Oil” label per 40 CFR § 279.22.
2. Move emulsion tank undercover or indoors.
3. Place drip pan below emulsion tank dispensing valve.

Year-End Inspection

1. Replace “Antifreeze” label with “Used Antifreeze”.
2. Keep salt brine AST valve in closed position when not in use (Resolved via email 2/9/2023)

M-12 IL Route 251 Salt Dome (Rochelle, IL)

Mid-Year Inspection

None

Year-End Inspection

None

M-14 Maintenance Facility (Downers Grove, IL)

Mid-Year Inspection

1. Used oil tank is showing moderate corrosion, replace/paint.
2. Label used oil AST with “Used Oil” label per 40 CFR § 279.22.

Year-End Inspection

1. Cap/wrap plow hydraulic lines when not in use.
2. Label used oil AST with “Used Oil” label per 40 CFR § 279.22. (Repeat issue)
3. Replace “Antifreeze” label with “Used Antifreeze”.

M-14 Central Support Facility (Downers Grove, IL)

Mid-Year Inspection

1. Label used oil AST with “Used Oil” label per 40 CFR § 279.22.

Year-End Inspection

1. Label used oil AST with “Used Oil” label per 40 CFR § 279.22. (Repeat issue)

M-14 Spring Creek Maintenance Annex (Lockport, IL)

Mid-Year Inspection

1. Clean oil spill outside of salt dome.
2. Keep salt brine AST valve in closed position when not in use.

Year-End Inspection

None

M-16 Maintenance Facility (Bensenville, IL)

Mid-Year Inspection

1. Cover dumpsters to prevent stormwater contamination.
2. Clean up oil dry near fueling station.
3. Label used oil AST with "Used Oil" label per 40 CFR § 279.22.

Year-End Inspection

1. Cover dumpsters to prevent stormwater contamination. (Repeat issue)
2. Label used oil AST with "Used Oil" label per 40 CFR § 279.22. (Repeat issue)



Appendix A

M-1 Maintenance Facility (Alsip, IL)

Mid-Year Inspection (May)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Phil Cassman

Yard/ Facility: M-1

Location: Alsip

Date: 5/18/2022

Time: 1:56 PM

Weather Conditions During Inspection: Cloudy/Light Rain, 56F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Not Applicable
5	Are the empty drums and totes capped/covered and free of surface residue?	Not Applicable
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Yes
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Yes
10	Are the waste dumpsters covered when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	No
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:

- Clean up absorbent/debris, see photo #4



Yard/ Facility: M-1 Maintenance Facility

Date: 05/18/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Not Applicable
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Yes
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Yes
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Yes
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Yes
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Yes
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Yes
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-1 Maintenance Facility

Date: 05/18/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Yes
2	Are the pump and hoses in good condition (no cracks, etc)?	Yes
3	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Salt Brine
2	Is the AST area free of leaks, stains, spills?	Yes
3	Are the pump and hoses in good condition (no cracks, etc)?	Yes
4	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Yes
4	Is there a drip pan under the dispensing valve of the emulsion tank?	No
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Yes
8	Are used batteries stored indoors or under cover?	Yes
9	Is hazardous waste stored indoors or under cover?	Yes
10	Are the drums/containers in the hazardous waste storage area properly labeled?	No
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:

- Place drip pan under emulsion tank, see photo #3



Yard/ Facility: M-1 Maintenance Facility

Date: 5/18/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: 5/18/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-1 Maintenance Facility (Alsip, IL)
--	--

Photo No.	1
Date	5/18/2022
Time	2:10 PM
Direction	North
Photo Taken By	BR

Comments

Hazardous material storage. Well labeled and organized



Photo No.	2
Date	5/18/2022
Time	2:20 PM
Direction	East
Photo Taken By	BR

Comments


Spill kit located near fueling station



PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-1 Maintenance Facility (Alsip, IL)
--	--

Photo No.	3	
Date	5/18/2022	
Time	2:22 PM	
Direction	North	
Photo Taken By		
Comments Action Item: Place drip pan below emulsion tank valve		

Photo No.	4	
Date	5/18/2022	
Time	2:15 PM	
Direction	West	
Photo Taken By	BR	
Comments Action Item: Clean up oil/absorbent at fueling station		

Year-End Inspection (November)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Phil Cassman

Yard/ Facility: M-1

Location: Alsip

Date: 11/30/2022

Time: 2:30 PM

Weather Conditions During Inspection: Partly Cloudy, 29 F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Not Applicable
5	Are the empty drums and totes capped/covered and free of surface residue?	Not Applicable
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Yes
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Yes
10	Are the waste dumpsters covered when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-1 Maintenance Facility

Date: 11/30/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Not Applicable
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Yes
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Yes
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Yes
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Yes
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Yes
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Yes
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-1 Maintenance Facility

Date: 11/30/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Yes
2	Are the pump and hoses in good condition (no cracks, etc)?	Yes
3	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Salt Brine
2	Is the AST area free of leaks, stains, spills?	Yes
3	Are the pump and hoses in good condition (no cracks, etc)?	Yes
4	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Yes
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Yes
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Yes
8	Are used batteries stored indoors or under cover?	Yes
9	Is hazardous waste stored indoors or under cover?	Yes
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Yes
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-1 Maintenance Facility

Date: 11/30/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: 11/30/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-1 Maintenance Facility (Alsip, IL)
--	--

Photo No.	1
Date	11/30/2022
Time	2:35 PM
Direction	North
Photo Taken By	BR

Comments

Hazardous material storage



Photo No.	2
Date	11/30/2022
Time	2:40 PM
Direction	North
Photo Taken By	BR

Comments

Spill kit located near the fueling station.

Spring action item address to clean up oil/fuel absorbent at the fueling station.



PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-1 Maintenance Facility (Alsip, IL)
--	--



Photo No.	3	
Date	11/30/2022	
Time	2:50PM	
Direction	North	
Photo Taken By	BR	
Comments Emulsion Tank Spring action item addressed to place a drip pan below asphalt emulsion tank.		

Photo No.	4	
Date	11/30/2022	
Time	2:35 PM	
Direction	East	
Photo Taken By	BR	
Comments Oil/Lube room		

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-1 Maintenance Facility (Alsip, IL)
--	--

Photo No.	5
Date	11/30/2022
Time	2:45PM
Direction	West
Photo Taken By	BR

Comments

Calcium Chloride and Salt Brine ASTs

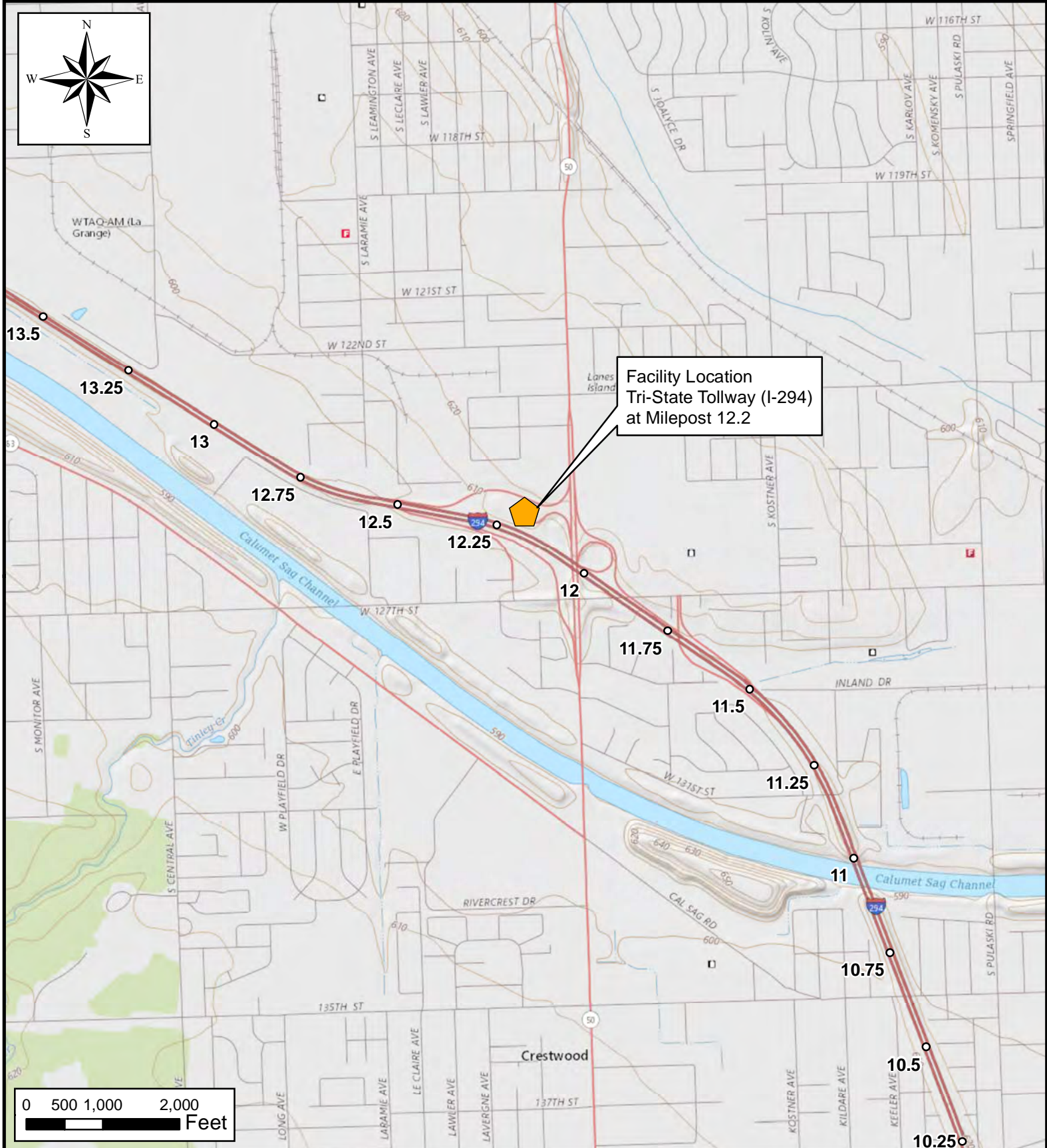
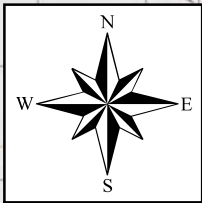


Photo No.	6
Date	11/30/2022
Time	2:35 PM
Direction	East
Photo Taken By	BR

Comments

Shop floor





**Site Location Map
Maintenance Facility M-1 (Alsip)**

Illinois Tollway
Storm Water Pollution Prevention Plan

FIGURE NUMBER

1-A

Illinois State Toll Highway Authority
2700 Ogden Avenue
Downers Grove, IL 60515

DRAWN BY

JF

CHECKED BY

BS

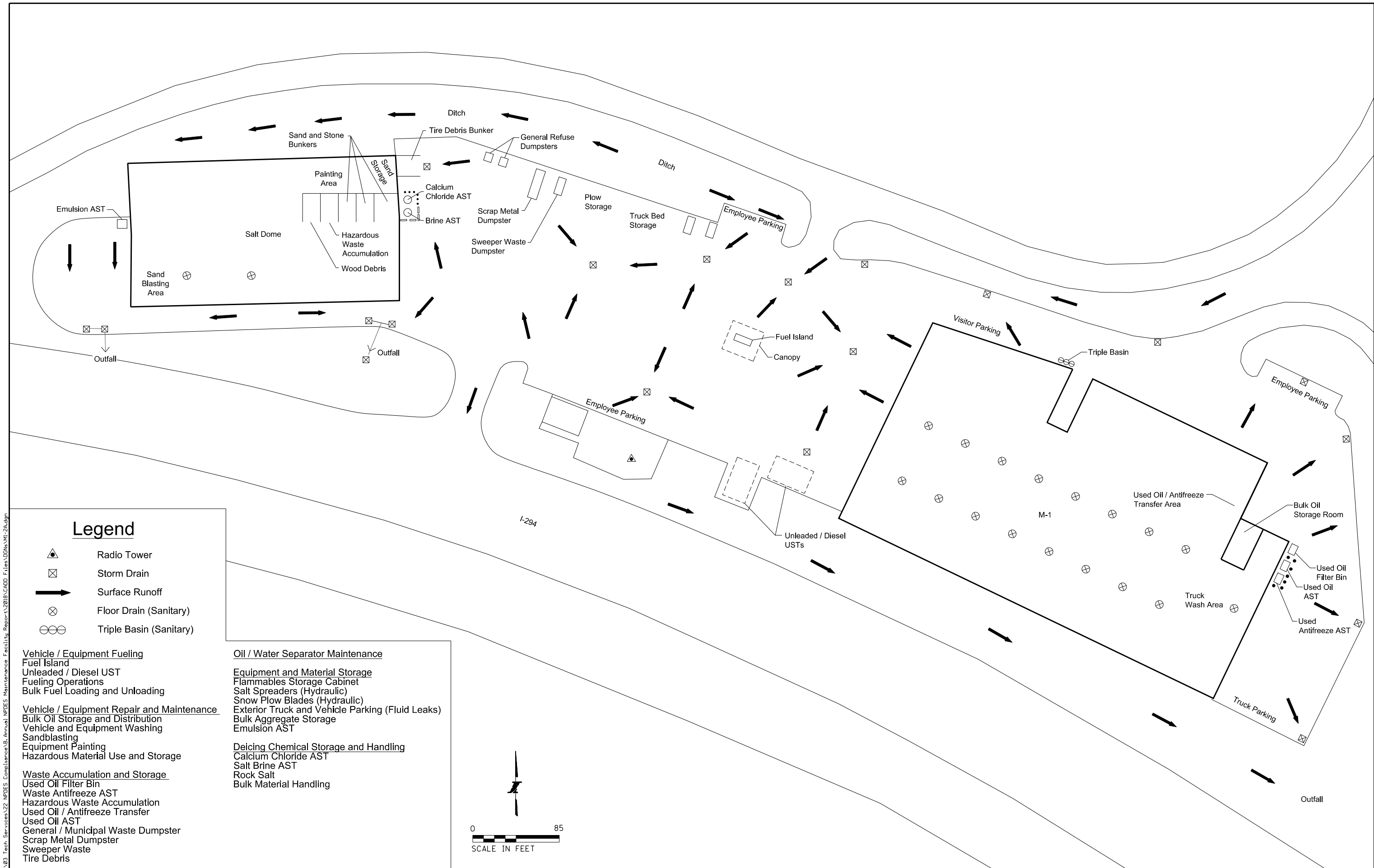
DATE

7/25/2018

SHEET NUMBER

1 of 1

GA:Team Drives\03 Tech Services\22 NPDES Compliance\8 Annual NPDES Maintenance Facility Report\2018\CA000 Files\GDHs\M1-2a.dgn



Legend

- Radio Tower
- Storm Drain
- Surface Runoff
- Floor Drain (Sanitary)
- Triple Basin (Sanitary)

Vehicle / Equipment Fueling

Fuel Island
Unleaded / Diesel UST
Fueling Operations
Bulk Fuel Loading and Unloading

Vehicle / Equipment Repair and Maintenance

Bulk Oil Storage and Distribution
Vehicle and Equipment Washing
Sandblasting
Equipment Painting
Hazardous Material Use and Storage

Waste Accumulation and Storage

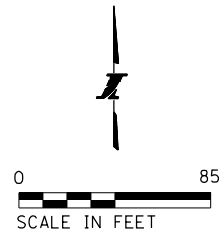
Used Oil Filter Bin
Waste Antifreeze AST
Hazardous Waste Accumulation
Used Oil / Antifreeze Transfer
Used Oil AST
General / Municipal Waste Dumpster
Scrap Metal Dumpster
Sweeper Waste
Tire Debris

Oil / Water Separator Maintenance

Equipment and Material Storage
Flammables Storage Cabinet
Salt Spreaders (Hydraulic)
Snow Plow Blades (Hydraulic)
Exterior Truck and Vehicle Parking (Fluid Leaks)
Bulk Aggregate Storage
Emulsion AST

Deicing Chemical Storage and Handling

Calcium Chloride AST
Salt Brine AST
Rock Salt
Bulk Material Handling



DRAWN BY	BJR	DATE	09/05/2018		THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY	REVISIONS			STORMWATER POLLUTION PREVENTION PLAN	FIGURE 2A
						NO.	DATE	DESCRIPTION		
CHECKED BY	RWS	DATE	09/05/2018						MAINTENANCE FACILITY M-1 (ALSIP)	DRAWING NO. 1 OF 1



Appendix B

M-2 Maintenance Facility (Hillside, IL)

Mid-Year Inspection (May)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Nicholas Perez

Yard/ Facility: M-2

Location: Hillside

Date: 5/25/2022

Time: 9:30 AM

Weather Conditions During Inspection: Cloudy, 62F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Yes
5	Are the empty drums and totes capped/covered and free of surface residue?	Yes
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Yes
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Yes
10	Are the waste dumpsters covered when not in use?	No
Notes/Corrective Action Items including schedule for implementation: - Cover dumpsters, see photo #3		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	No
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:

- Clean up oil dry, see photo #5

Yard/ Facility: M-2 Maintenance Facility

Date: 05/25/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Yes
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Yes
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Yes
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Yes
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Yes
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Yes
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation: - Replace "Waste Oil" sign with "Used Oil", see photo #4		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Yes
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:

Yard/ Facility: M-2 Maintenance Facility

Date: 05/25/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Yes
2	Are the pump and hoses in good condition (no cracks, etc)?	Yes
3	Are the AST valves in the closed position when not in use?	Y
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Salt Brine
2	Is the AST area free of leaks, stains, spills?	Yes
3	Are the pump and hoses in good condition (no cracks, etc)?	Yes
4	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Yes
3	Is the emulsion tank stored indoors or under cover when not in use?	Yes
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Yes
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Yes
8	Are used batteries stored indoors or under cover?	Yes
9	Is hazardous waste stored indoors or under cover?	Yes
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Yes
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:

Yard/ Facility: M-2 Maintenance Facility

Date: 5/25/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: 5/25/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-2 Maintenance Facility (Hillside, IL)
--	---

Photo No.	1
Date	5-25-2022
Time	9:41 AM
Direction	West
Photo Taken By	BR

Comments

Hazardous waste accumulation area. All drums/containers labeled properly.



Photo No.	2
Date	5-25-2022
Time	9:41 AM
Direction	North-East
Photo Taken By	BR

Comments

Bulk material transfer area.



PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-2 Maintenance Facility (Hillside, IL)
--	---

Photo No.	3
Date	5-25-2022
Time	9:55 AM
Direction	South-East
Photo Taken By	BR

Comments

Action Item – Cover dumpsters



Photo No.	4
Date	5-25-2022
Time	9:43 AM
Direction	East
Photo Taken By	BR

Comments

Action Item – Replace “Waste Oil” with “Used Oil”



PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-2 Maintenance Facility (Hillside, IL)
--	---


Photo No.	5	
Date	5-25-2022	
Time	9:46 AM	
Direction	North	
Photo Taken By	BR	
Comments Action Item – Clean up oil dry near fueling station		

Photo No.		
Date		
Time		
Direction		
Photo Taken By		
Comments		

Year-End Inspection (November)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Nicholas Perez

Yard/ Facility: M-2

Location: Hillside

Date: 11/30/2022

Time: 1:30 PM

Weather Conditions During Inspection: Partly Cloudy, 29 F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Yes
5	Are the empty drums and totes capped/covered and free of surface residue?	Yes
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Yes
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Yes
10	Are the waste dumpsters covered when not in use?	No
Notes/Corrective Action Items including schedule for implementation: - Cover dumpsters, see photo #3		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:

Yard/ Facility: M-2 Maintenance Facility

Date: 05/25/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Yes
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Yes
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Yes
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Yes
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Yes
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Yes
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Yes
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:

- Label as "Used Antifreeze", see photo #4

Yard/ Facility: M-2 Maintenance Facility

Date: 11/30/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Yes
2	Are the pump and hoses in good condition (no cracks, etc)?	Yes
3	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Salt Brine
2	Is the AST area free of leaks, stains, spills?	Yes
3	Are the pump and hoses in good condition (no cracks, etc)?	Yes
4	Are the AST valves in the closed position when not in use?	No
Notes/Corrective Action Items including schedule for implementation:		
- Keep valves closed when not in use, see photo #1		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Yes
3	Is the emulsion tank stored indoors or under cover when not in use?	Yes
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Yes
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Yes
8	Are used batteries stored indoors or under cover?	Yes
9	Is hazardous waste stored indoors or under cover?	Yes
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Yes
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:

Yard/ Facility: M-2 Maintenance Facility

Date: 11/30/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: 11/30/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-2 Maintenance Facility (Hillside, IL)
--	---



Photo No.	1	
Date	11/30/2022	
Time	2:00 PM	
Direction	North	
Photo Taken By	BR	
Comments Action Item: Keep Beat Heat/Salt Bring above ground storage tank valve closed when not in use.		

Photo No.	2	
Date	11/30/2022	
Time	1:45 PM	
Direction	North	
Photo Taken By	BR	
Comments Spring action item addressed to label as "Used Oil"		

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-2 Maintenance Facility (Hillside, IL)
--	---

Photo No.	3
Date	11/30/2022
Time	1:40 PM
Direction	South
Photo Taken By	BR

Comments

Action Item – Cover dumpsters (repeat from spring inspection)



Photo No.	4
Date	5-25-2022
Time	1:50 PM
Direction	North
Photo Taken By	BR

Comments

Action Item - Label as "Used Antifreeze"



PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-2 Maintenance Facility (Hillside, IL)
--	---

Photo No.	5
Date	11/30/2022
Time	1:40 PM
Direction	South
Photo Taken By	BR

Comments

Spring action item addressed to clean up oil dry

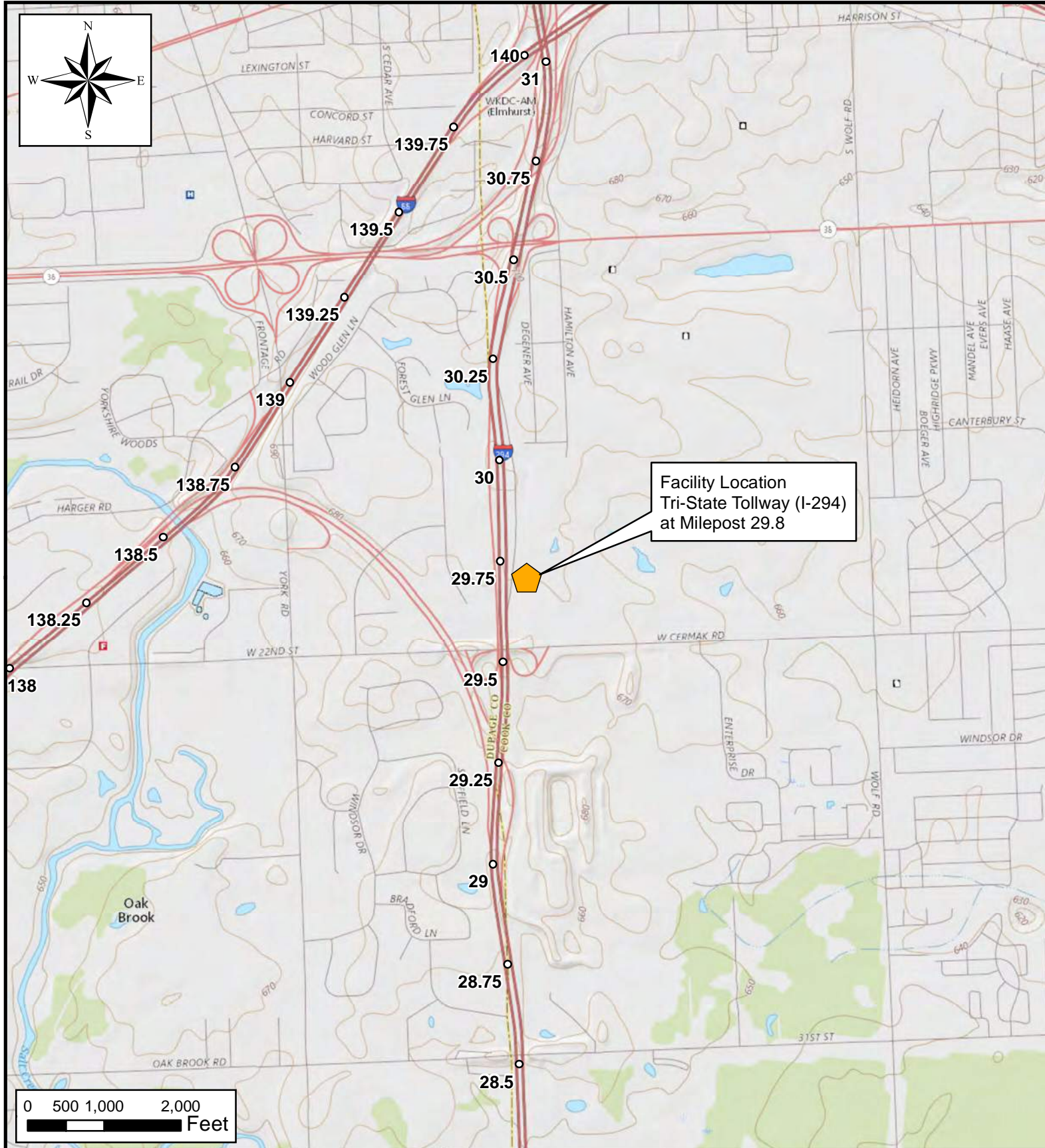


Photo No.	6
Date	11/30/2022
Time	1:55 PM
Direction	South
Photo Taken By	

Comments

Emulsion Tank





Site Location Map **Maintenance Facility M-2 (Hillside)**

Illinois Tollway
Storm Water Pollution Prevention Plan

FIGURE NUMBER

1-B

Illinois State Toll Highway Authority
2700 Ogden Avenue
Downers Grove, IL 60515

DRAWN BY

JF

CHECKED BY

BS

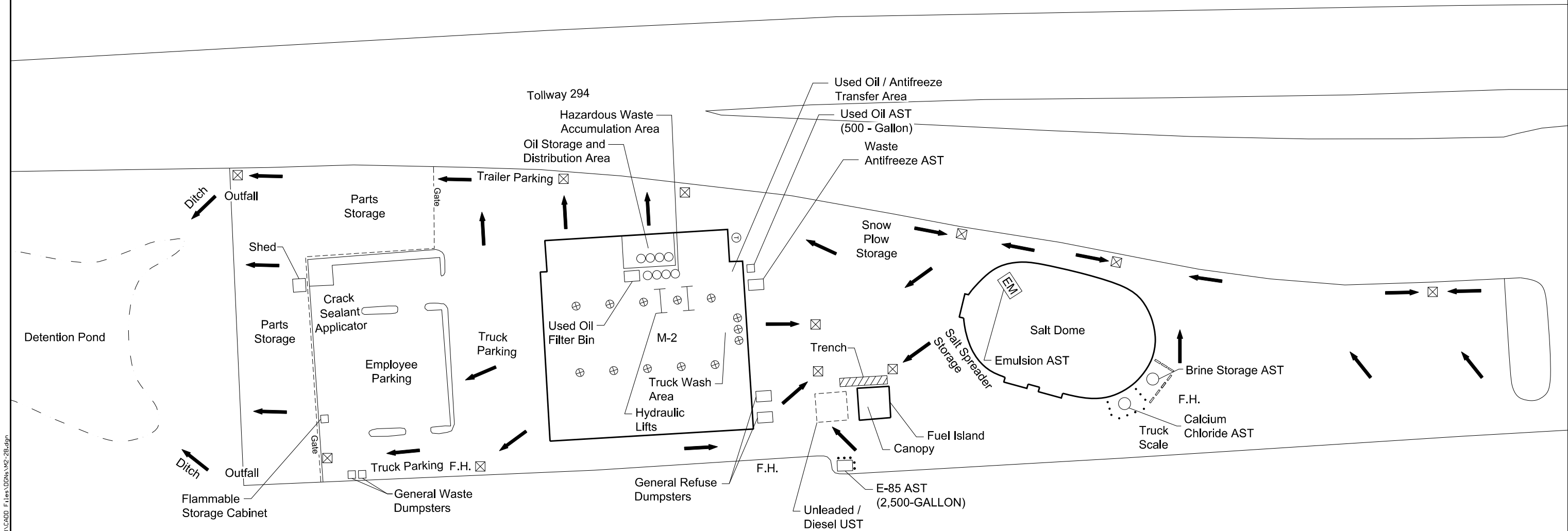
DATE

7/25/2018

SHEET NUMBER

1 of 1

GA:Team Drives\03 Tech Services\22 NPDES Compliance\8 Annual NPDES Maintenance Facility Report\2018\CD001 Files\DDNs\M2-2B.dgn



Legend

- ① Storm Drain
- F.H. Transformer
- Fire Hydrant
- Surface Runoff
- Drum Storage
- ⊗ Floor Drain (Sanitary)

Vehicle / Equipment Fueling

Fuel Island
Unleaded / Diesel UST
E-85 AST
Fueling Operations
Bulk Fuel Loading and Unloading

Vehicle / Equipment Repair and Maintenance

Bulk Oil Storage and Distribution
Vehicle and Equipment Washing
Hazardous Material Use and Storage

Waste Accumulation and Storage

Used Oil Filter Bin
Waste Antifreeze AST
Hazardous Waste Accumulation
Used Oil / Antifreeze Transfer
Used Oil AST
General / Municipal Waste Dumpster
Scrap Metal Dumpster
Sweeper Waste
Tire Debris
Wood and Vegetation Debris

Oil / Water Separator Maintenance

Equipment and Material Storage

Flammables Storage Cabinet
Salt Spreaders (Hydraulic)
Snow Plow Blades (Hydraulic)
Exterior Truck and Vehicle Parking (Fluid Leaks)
Bulk Aggregate Storage
Emulsion AST

Deicing Chemical Storage and Handling

Calcium Chloride AST
Salt Brine AST
Rock Salt
Bulk Material Handling

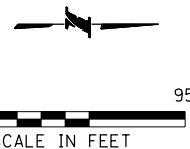
DRAWN BY BJR DATE 09/05/2018
CHECKED BY RWS DATE 09/05/2018



REVISIONS		
NO.	DATE	DESCRIPTION

STORMWATER POLLUTION PREVENTION PLAN
MAINTENANCE FACILITY M-2
(HILLSIDE)

FIGURE 2B
DRAWING NO.
1 OF 1





Appendix C

M-3 Maintenance Facility (Park Ridge, IL)

Mid-Year Inspection (May)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Mathew Carter

Yard/ Facility: M-3

Location: Des Plaines

Date: 5/20/22

Time: 11:20 AM

Weather Conditions During Inspection: Cloudy, 80 F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Yes
5	Are the empty drums and totes capped/covered and free of surface residue?	Yes
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	No
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Yes
10	Are the waste dumpsters covered when not in use?	No
Notes/Corrective Action Items including schedule for implementation: <ul style="list-style-type: none">- Minor spills at truck parking, see photo #2- Close dumpster lids, see photo #3		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-3 Maintenance Facility

Date: 05/20/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Not Applicable
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Yes
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Yes
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Yes
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Yes
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Yes
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Yes
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-3 Maintenance Facility

Date: 05/20/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Yes
2	Are the pump and hoses in good condition (no cracks, etc)?	Yes
3	Are the AST valves in the closed position when not in use?	Yes
<p>Notes/Corrective Action Items including schedule for implementation:</p> <ul style="list-style-type: none"> - Electronic valve appears to be damaged and has been taped over (see photo #4). Replace with a new valve. 		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Salt Brine
2	Is the AST area free of leaks, stains, spills?	Yes
3	Are the pump and hoses in good condition (no cracks, etc)?	Yes
4	Are the AST valves in the closed position when not in use?	Yes
<p>Notes/Corrective Action Items including schedule for implementation:</p>		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Yes
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Yes
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Yes
8	Are used batteries stored indoors or under cover?	No
9	Is hazardous waste stored indoors or under cover?	Yes
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Yes
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:

- Open battery left outside near antifreeze AST, see photo #5



Yard/ Facility: M-3 Maintenance Facility

Date: 5/20/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date:

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-3 Maintenance Facility (Des Plaines, IL)
--	--

Photo No.	1
Date	5-20-2022
Time	11:32 AM
Direction	South
Photo Taken By	BR
Comments Hazardous waste accumulation area. Containers labeled properly.	



Photo No.	2
Date	5-20-2022
Time	11:46 AM
Direction	West
Photo Taken By	BR
Comments Action Item: Clean up oil spills in truck parking area	



PHOTOGRAPHIC LOG



PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-3 Maintenance Facility (Des Plaines, IL)
--	--

Photo No.	3
Date	5-20-2022
Time	11:49 AM
Direction	East
Photo Taken By	BR

Comments

Action Item: Keep dumpsters covered to prevent stormwater contact.



Photo No.	4
Date	5-20-2022
Time	11:39 AM
Direction	North
Photo Taken By	BR

Comments

Action Item: Replace damaged calcium chloride valve/meter



PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-3 Maintenance Facility (Des Plaines, IL)
--	--

Photo No.	5
Date	5-20-2022
Time	12:00 PM
Direction	North
Photo Taken By	BR

Comments

Action Item: Used batteries must be stored in doors or under cover.



Year-End Inspection (November)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Mathew Carter

Yard/ Facility: M-3

Location: Des Plaines

Date: 11/29/2022

Time: 11:00 AM

Weather Conditions During Inspection: Cloudy, 50 F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Yes
5	Are the empty drums and totes capped/covered and free of surface residue?	Yes
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	No
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Yes
10	Are the waste dumpsters covered when not in use?	No
Notes/Corrective Action Items including schedule for implementation: - Close dumpster lids, see photo #3		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-3 Maintenance Facility

Date: 11/29/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Not Applicable
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Yes
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Yes
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Yes
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Yes
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Yes
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Yes
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:

- Label as "Used Antifreeze", see photo #2



Yard/ Facility: M-3 Maintenance Facility

Date: 11/29/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Yes
2	Are the pump and hoses in good condition (no cracks, etc)?	Yes
3	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Salt Brine
2	Is the AST area free of leaks, stains, spills?	Yes
3	Are the pump and hoses in good condition (no cracks, etc)?	Yes
4	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Yes
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Yes
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Yes
8	Are used batteries stored indoors or under cover?	Yes
9	Is hazardous waste stored indoors or under cover?	Yes
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Yes
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-3 Maintenance Facility

Date: 11/29/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: 11/29/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-3 Maintenance Facility (Des Plaines, IL)
--	--

Photo No.	1
Date	11/29/2022
Time	11:15 AM
Direction	South
Photo Taken By	BR
Comments Oil/Lube room is kept clean and orderly.	



Photo No.	2
Date	11/29/2022
Time	11:40 AM
Direction	South
Photo Taken By	BR
Comments Action Item: Label as “Used Antifreeze”	



PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-3 Maintenance Facility (Des Plaines, IL)
--	--

Photo No.	3
Date	11/29/2022
Time	11:25 AM
Direction	East
Photo Taken By	BR

Comments

**Action Item: Keep dumpsters covered to prevent stormwater contact.
(repeat from spring inspection)**



Photo No.	4
Date	11/29/2022
Time	11:45 AM
Direction	South-West
Photo Taken By	BR

Comments

The fueling station is kept clean with a fuel spill kit located nearby.



PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-3 Maintenance Facility (Des Plaines, IL)
--	--



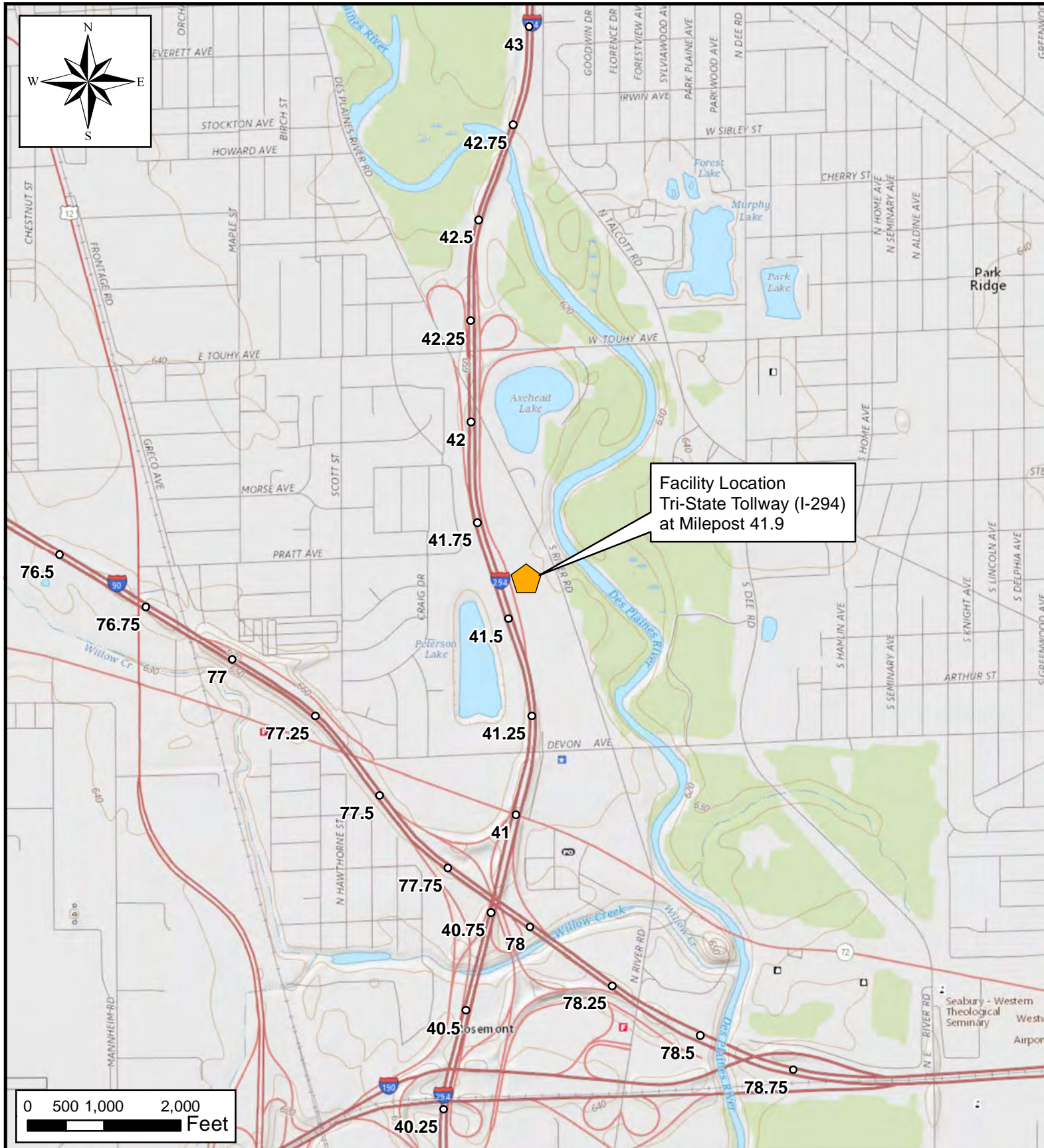
Photo No.	5	
Date	11/29/2022	
Time	11:45 AM	
Direction	North	
Photo Taken By	BR	
Comments Fuel spill kit		

Photo No.	6	
Date	11/29/2022	
Time	11:35 AM	
Direction	North	
Photo Taken By	BR	
Comments Calcium Chloride and Salt Brine ASTs		



Facility Location
Tri-State Tollway (I-294)
at Milepost 41.9



Illinois State Toll Highway Authority
2700 Ogden Avenue
Downers Grove, IL 60515

Site Location Map Maintenance Facility M-3 (Park Ridge)

Illinois Tollway
Storm Water Pollution Prevention Plan

FIGURE NUMBER

1-C

DRAWN BY

JF

CHECKED BY

BS

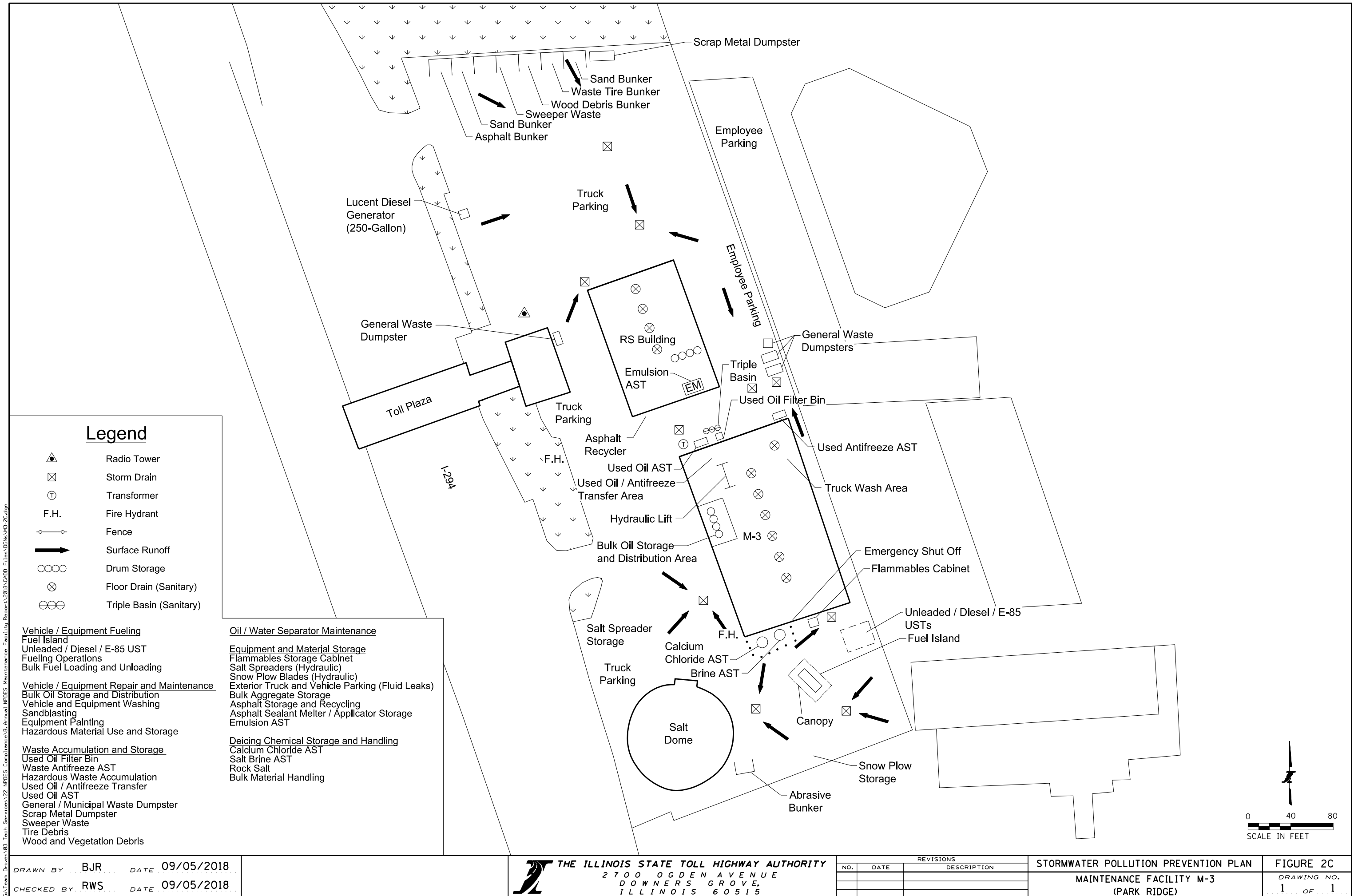
DATE

7/25/2018

SHEET NUMBER

1 of 1

GA Team Drives\03 Tech Services\22 NPDES Compliance\8 Annual NPDES Maintenance Facility Report\2018\CA000 Files\DDNs\M3-2C.dgn



DRAWN BY BJR DATE 09/05/2018
CHECKED BY RWS DATE 09/05/2018

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

STORMWATER POLLUTION PREVENTION PLAN	FIGURE 2C
MAINTENANCE FACILITY M-3 (PARK RIDGE)	DRAWING NO. 1 OF 1



Appendix D

M-4 Maintenance Facility (Gurnee, IL)

Mid-Year Inspection (May)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Jason Blevins

Yard/ Facility: M-4

Location: Gurnee

Date: 5/20/2022

Time: 7:50 AM

Weather Conditions During Inspection: Cloudy, 71 F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Yes
5	Are the empty drums and totes capped/covered and free of surface residue?	Yes
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Yes
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Yes
10	Are the waste dumpsters covered when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-4 Maintenance Facility

Date: 05/20/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Yes
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Yes
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Yes
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Yes
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Yes
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Yes
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Yes
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-4 Maintenance Facility

Date: 05/20/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Yes
2	Are the pump and hoses in good condition (no cracks, etc)?	Yes
3	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Salt Brine
2	Is the AST area free of leaks, stains, spills?	Yes
3	Are the pump and hoses in good condition (no cracks, etc)?	Yes
4	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Yes
4	Is there a drip pan under the dispensing valve of the emulsion tank?	No
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Yes
8	Are used batteries stored indoors or under cover?	Yes
9	Is hazardous waste stored indoors or under cover?	Yes
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Yes
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:

-Place drip pan below emulsion tank dispensing valve, see photo #4



Yard/ Facility: M-4 Maintenance Facility

Date: 05/20/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: 5/20/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-4 Maintenance Facility (Gurnee, IL)
--	---

Photo No.	1
Date	5-20-2022
Time	8:04 AM
Direction	Southwest
Photo Taken By	BR

Comments

Bulk material storage area.
Containers/drums well organized and labeled.



Photo No.	2
Date	5-20-2022
Time	8:24 AM
Direction	East
Photo Taken By	BR

Comments

Plow hydraulic lines capped and wrapped.



PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-4 Maintenance Facility (Gurnee, IL)
--	---

Photo No.	3
Date	5-20-2022
Time	8:00 AM
Direction	West
Photo Taken By	BR


Comments

Fuel island with spill kit present.



PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-4 Maintenance Facility (Gurnee, IL)
--	---

Photo No.	4	
Date	5-20-2022	
Time	8:20 AM	
Direction	South	
Photo Taken By	BR	
Comments Action Item: Place drip pan below emulsion tank valve		

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:

-Place drip pan below emulsion tank dispensing valve, see photo #4



Yard/ Facility: M-4 Maintenance Facility

Date: 05/20/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: 5/20/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

Year-End Inspection (November)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Alex Oancea

Yard/ Facility: M-4

Location: Gurnee

Date: 11/29/2022

Time: 8:40 AM

Weather Conditions During Inspection: Cloudy, 45F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Yes
5	Are the empty drums and totes capped/covered and free of surface residue?	Yes
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Yes
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Yes
10	Are the waste dumpsters covered when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-4 Maintenance Facility

Date: 11/29/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Yes
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Yes
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Yes
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Yes
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Yes
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Yes
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Yes
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-4 Maintenance Facility

Date: 11/29/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Yes
2	Are the pump and hoses in good condition (no cracks, etc)?	Yes
3	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Salt Brine
2	Is the AST area free of leaks, stains, spills?	Yes
3	Are the pump and hoses in good condition (no cracks, etc)?	Yes
4	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Yes
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Yes
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Yes
8	Are used batteries stored indoors or under cover?	Yes
9	Is hazardous waste stored indoors or under cover?	Yes
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Yes
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-4 Maintenance Facility

Date: 11/29/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: 11/29/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-4 Maintenance Facility (Gurnee, IL)
--	---

Photo No.	1
Date	11/29/2022
Time	9:15 AM
Direction	East
Photo Taken By	BR

Comments

Spring action item addressed to place drip pan below asphalt emulsion tank valve.



Photo No.	2
Date	11/29/2022
Time	9:00 AM
Direction	East
Photo Taken By	BR

Comments

Plow hydraulic lines capped



PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-4 Maintenance Facility (Gurnee, IL)
--	---



Photo No.	3	
Date	11/29/2022	
Time	9:05 AM	
Direction	West	
Photo Taken By	BR	
Comments Fueling station		

Photo No.	4	
Date	11/29/2022	
Time	8:50 AM	
Direction	West	
Photo Taken By	BR	
Comments Oil/lube storage area		

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-4 Maintenance Facility (Gurnee, IL)
--	---


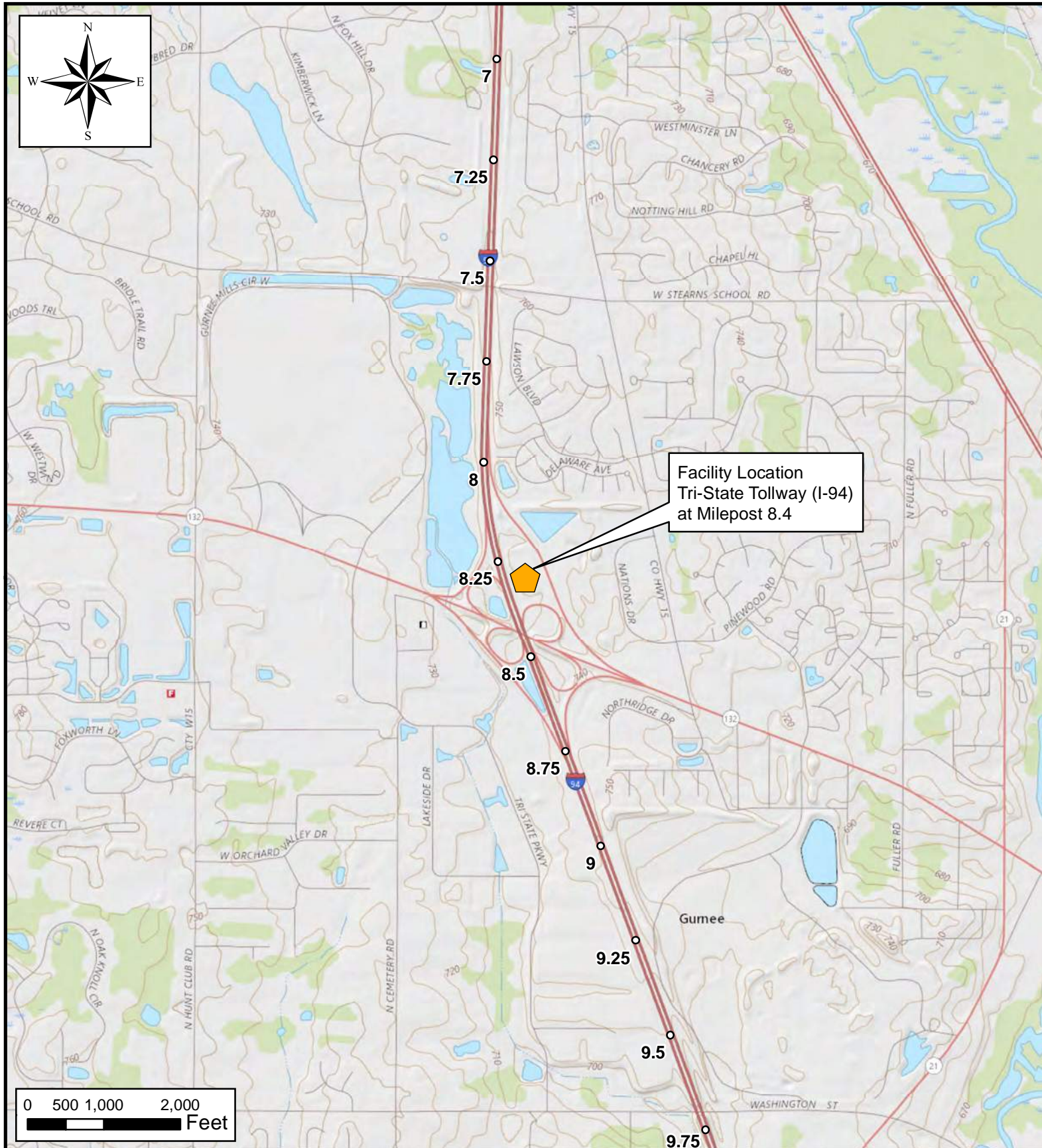
Photo No.	5	
Date	11/29/2022	
Time	9:05 AM	
Direction	East	
Photo Taken By	BR	
Comments Fuel spill kit		

Photo No.	6	
Date	11/29/2022	
Time	8:50 AM	
Direction	West	
Photo Taken By	BR	
Comments Salt Dome		



Site Location Map
Maintenance Facility M-4 (Gurnee)
 Illinois Tollway
 Storm Water Pollution Prevention Plan

FIGURE NUMBER

1-D

Illinois State Toll Highway Authority
 2700 Ogden Avenue
 Downers Grove, IL 60515

DRAWN BY

JF

CHECKED BY

BS

DATE

7/25/2018

SHEET NUMBER

1 of 1

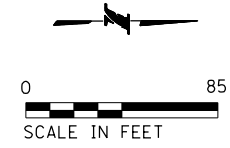
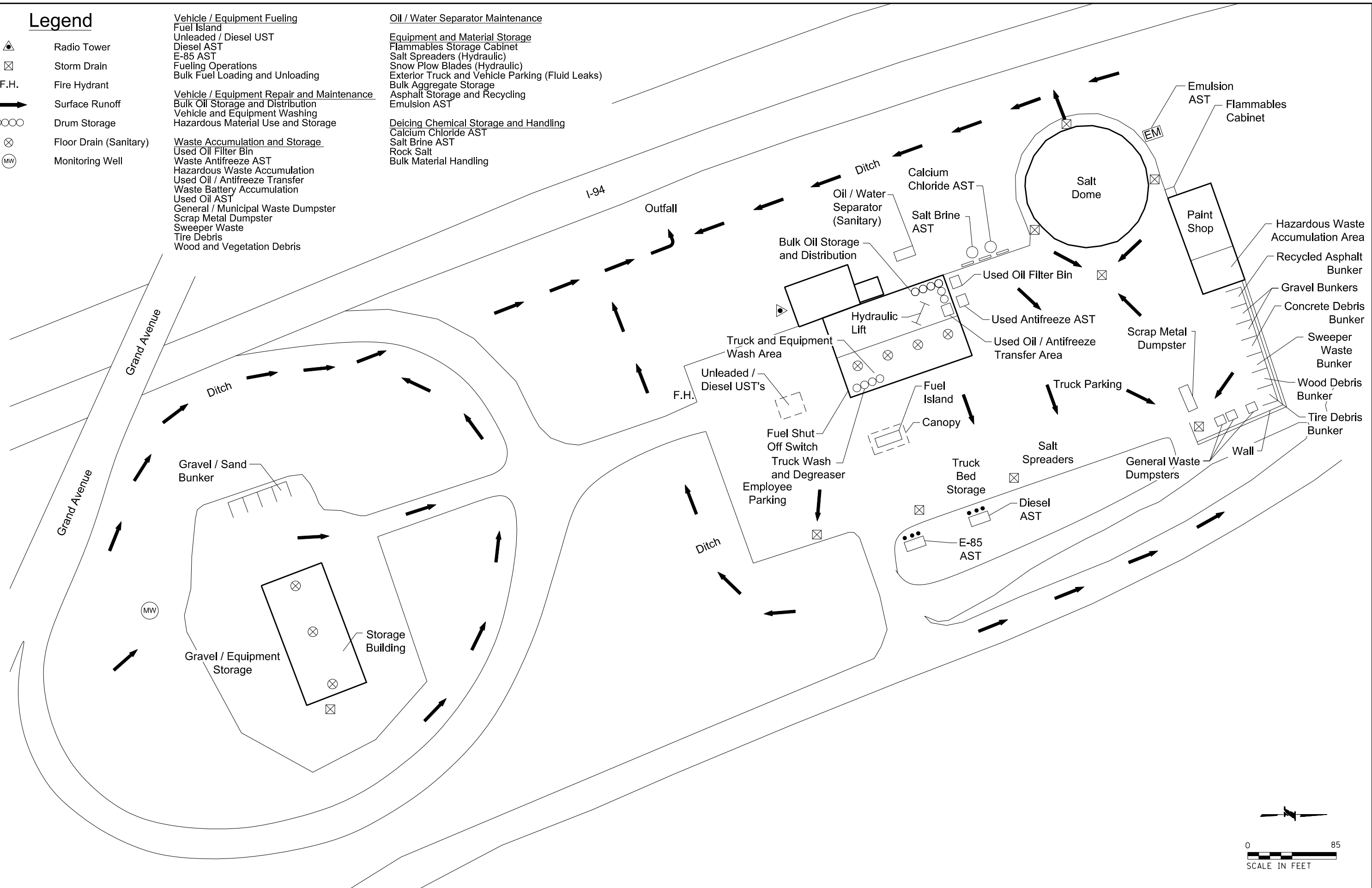
Legend

- Radio Tower
- Storm Drain
- F.H. Fire Hydrant
- Surface Runoff
- Drum Storage
- Floor Drain (Sanitary)
- Monitoring Well

- Vehicle / Equipment Fueling
 - Fuel Island
 - Unleaded / Diesel UST
 - Diesel AST
 - E-85 AST
 - Fueling Operations
 - Bulk Fuel Loading and Unloading
- Vehicle / Equipment Repair and Maintenance
 - Bulk Oil Storage and Distribution
 - Vehicle and Equipment Washing
 - Hazardous Material Use and Storage
- Waste Accumulation and Storage
 - Used Oil Filter Bin
 - Waste Antifreeze AST
 - Hazardous Waste Accumulation
 - Used Oil / Antifreeze Transfer
 - Waste Battery Accumulation
 - Used Oil AST
 - General / Municipal Waste Dumpster
 - Scrap Metal Dumpster
 - Sweeper Waste
 - Tire Debris
 - Wood and Vegetation Debris

- Oil / Water Separator Maintenance
 - Equipment and Material Storage
 - Flammables Storage Cabinet
 - Salt Spreaders (Hydraulic)
 - Snow Plow Blades (Hydraulic)
 - Exterior Truck and Vehicle Parking (Fluid Leaks)
 - Bulk Aggregate Storage
 - Asphalt Storage and Recycling
 - Emulsion AST
- Deicing Chemical Storage and Handling
 - Calcium Chloride AST
 - Salt Brine AST
 - Rock Salt
 - Bulk Material Handling

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Appendix E

M-4 Deerfield Road Salt Dome (Gurnee, IL)

Combined with M-4
See Appendix D

Mid-Year Inspection (May)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Jason Blevins

Yard/ Facility: M4 Salt Dome

Location: Deerfield

Date: 5/20/2022

Time: 9:05 AM

Weather Conditions During Inspection: Cloudy, 75

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Not Applicable
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Not Applicable
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Not Applicable
4	Are empty drums and Etotes stored in the designated area?	Not Applicable
5	Are the empty drums ande totes capped/covered and free of surface residue?	Not Applicable
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Yes
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Not Applicable
10	Are the waste dumpsters covered when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Not Applicable
2	Is a spill kit located nearby?	Not Applicable
3	Are the pumps in good condition?	Not Applicable
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Not Applicable
5	Are the level gauges working properly (regular documented system checks conducted)?	Not Applicable
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Not Applicable
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Not Applicable
8	Are the tanks and pumps properly labeled?	Not Applicable
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Not Applicable
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-4 Salt Dome Maintenance Facility

Date: 05/20/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Yes
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Not Applicable
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Not Applicable
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Not Applicable
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Not Applicable
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Not Applicable
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-4 Salt Dome Maintenance Facility

Date: 05/20/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Yes
2	Are the pump and hoses in good condition (no cracks, etc)?	Yes
3	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Not Applicable
2	Is the AST area free of leaks, stains, spills?	Not Applicable
3	Are the pump and hoses in good condition (no cracks, etc)?	Not Applicable
4	Are the AST valves in the closed position when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Not Applicable
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Not Applicable
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Not Applicable
8	Are used batteries stored indoors or under cover?	Not Applicable
9	Is hazardous waste stored indoors or under cover?	Not Applicable
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Not Applicable
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-4 Salt Dome Maintenance Facility

Date: 05/20/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: 5/20/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-4 Salt Dome Maintenance Facility (Deefield, IL)
--	---



Photo No.	1	
Date	5-20-2022	
Time	9:07 AM	
Direction	West	
Photo Taken By	BR	
Comments		
Calcium Chloride storage tank		

Photo No.	2	
Date	5-20-2022	
Time	9:06 AM	
Direction	South	
Photo Taken By	BR	
Comments		
Fueling kit near above ground fueling station.		

Year-End Inspection (November)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Alex Oancea

Yard/ Facility: M4 Salt Dome

Location: Deerfield

Date: 11/29/2022

Time: 9:30 AM

Weather Conditions During Inspection: Cloudy, 50F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Not Applicable
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Not Applicable
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Not Applicable
4	Are empty drums and totes stored in the designated area?	Not Applicable
5	Are the empty drums and totes capped/covered and free of surface residue?	Not Applicable
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Yes
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Not Applicable
10	Are the waste dumpsters covered when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Not Applicable
2	Is a spill kit located nearby?	Not Applicable
3	Are the pumps in good condition?	Not Applicable
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Not Applicable
5	Are the level gauges working properly (regular documented system checks conducted)?	Not Applicable
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Not Applicable
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Not Applicable
8	Are the tanks and pumps properly labeled?	Not Applicable
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Not Applicable
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-4 Salt Dome Maintenance Facility

Date: 11/29/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Yes
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Not Applicable
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Not Applicable
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Not Applicable
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Not Applicable
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Not Applicable
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-4 Salt Dome Maintenance Facility

Date: 11/29/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Yes
2	Are the pump and hoses in good condition (no cracks, etc)?	Yes
3	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Not Applicable
2	Is the AST area free of leaks, stains, spills?	Not Applicable
3	Are the pump and hoses in good condition (no cracks, etc)?	Not Applicable
4	Are the AST valves in the closed position when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Not Applicable
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Not Applicable
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Not Applicable
8	Are used batteries stored indoors or under cover?	Not Applicable
9	Is hazardous waste stored indoors or under cover?	Not Applicable
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Not Applicable
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Not Applicable

Yard/ Facility: M-4 Salt Dome Maintenance Facility

Date: 11/29/2022

Storm Water Annual Inspection Checklist

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: **11/29/2022**

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-4 Salt Dome Maintenance Facility (Deefield, IL)
--	---

Photo No.	1
Date	11/29/2022
Time	9:30 AM
Direction	West
Photo Taken By	BR

Comments

Calcium Chloride storage tank

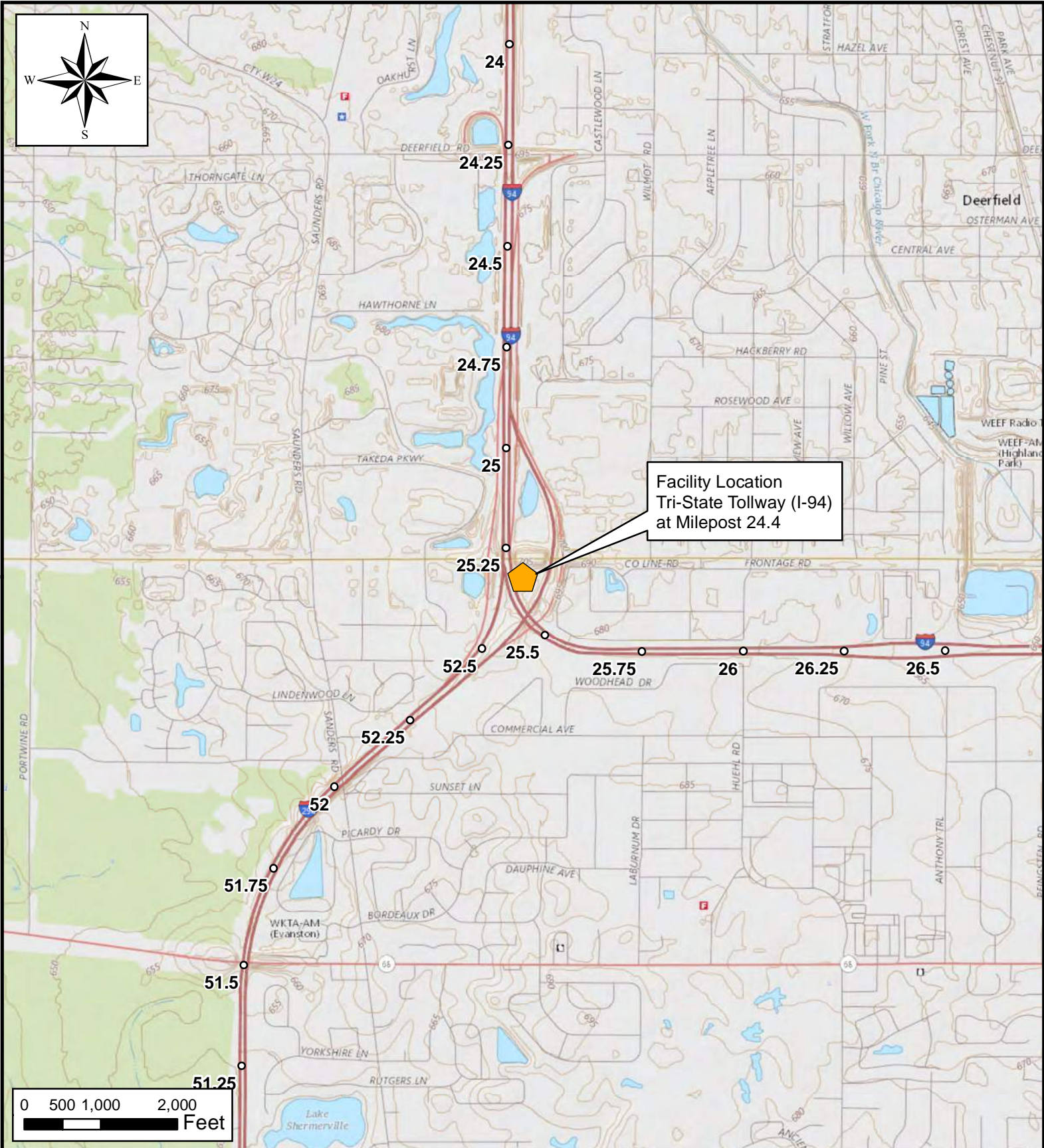
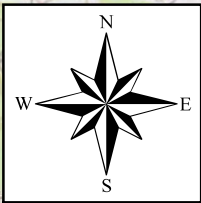


Photo No.	2
Date	11/29/2022
Time	9:40 AM
Direction	South
Photo Taken By	BR

Comments

Fueling kit near above ground fueling station.





Illinois State Toll Highway Authority
2700 Ogden Avenue
Downers Grove, IL 60515

Site Location Map Deerfield Road Salt Dome

Illinois Tollway
Storm Water Pollution Prevention Plan

FIGURE NUMBER

1M

DRAWN BY

JF

CHECKED BY

BS

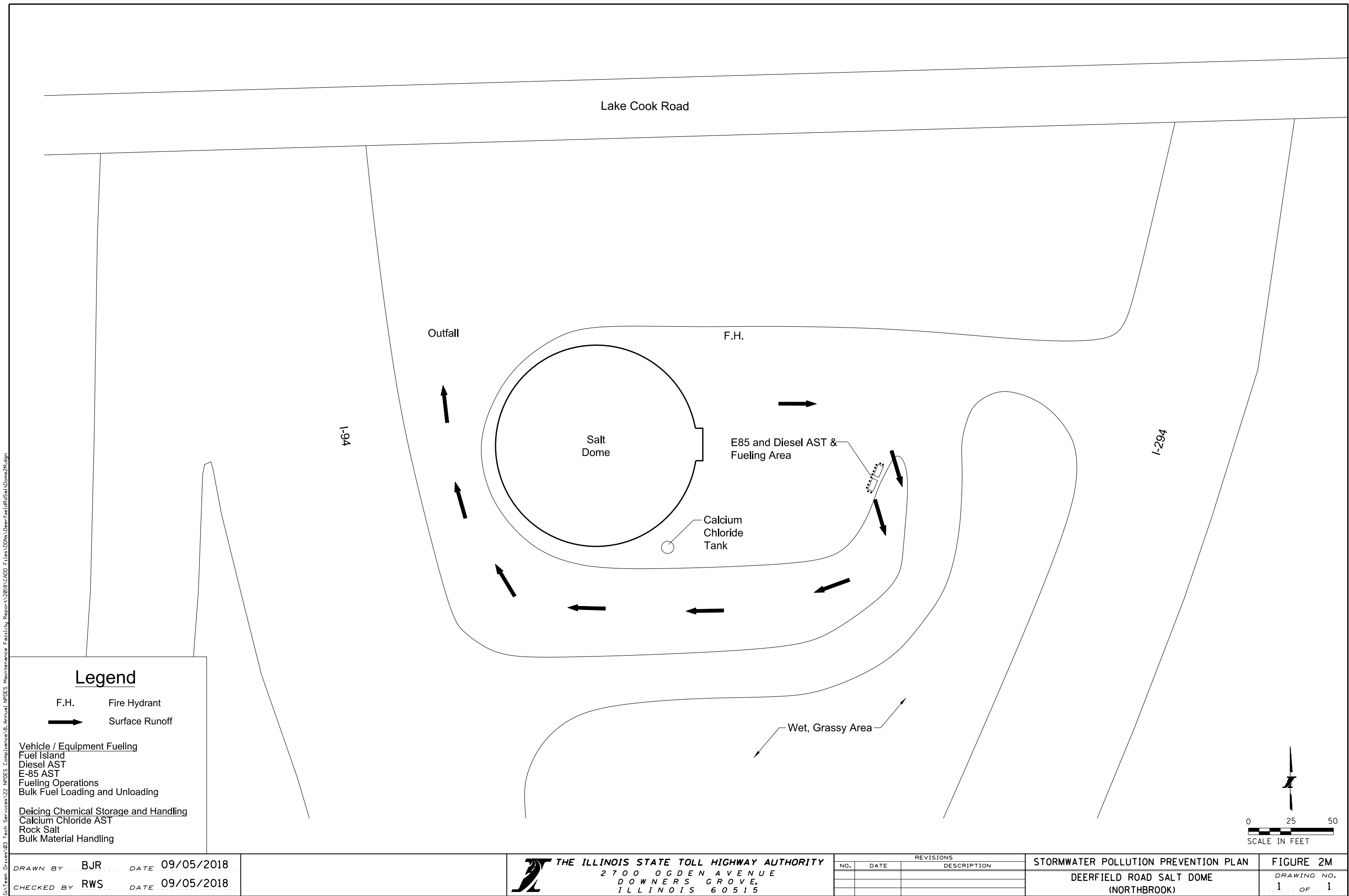
DATE

7/25/2018

SHEET NUMBER

1 of 1

G:\Team Drives\03 Tech Services\22 NPDES Compliance\8 Annual NPDES Maintenance Facility Report\2018\0000 Files\000s\Deerfield\Salt Dome\2M.dgn



DRAWN BY BJR DATE 09/05/2018
CHECKED BY RWS DATE 09/05/2018

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

STORMWATER POLLUTION PREVENTION PLAN
DEERFIELD ROAD SALT DOME
(NORTHBROOK)

FIGURE 2M
DRAWING NO.
1 OF 1



Appendix F

M-5 Maintenance Facility (Arlington Heights, IL)

Mid-Year Inspection (May)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Andrew Thickpeny, Michael Velasco

Yard/ Facility: M-5

Location: Arlington Heights

Date: 5/24/2022

Time: 11:15 AM

Weather Conditions During Inspection: Cloudy, 63F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Yes
5	Are the empty drums and totes capped/covered and free of surface residue?	Yes
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Yes
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	No
10	Are the waste dumpsters covered when not in use?	No
Notes/Corrective Action Items including schedule for implementation: <ul style="list-style-type: none">- Replace flammable cabinet near used oil AST, see photo #3- Cover waste dumpsters, see photo #4		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-5 Maintenance Facility

Date: 05/24/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Yes
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Yes
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Yes
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Yes
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Yes
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Yes
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Yes
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-5 Maintenance Facility

Date: 05/24/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Yes
2	Are the pump and hoses in good condition (no cracks, etc)?	Yes
3	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Salt Brine
2	Is the AST area free of leaks, stains, spills?	Yes
3	Are the pump and hoses in good condition (no cracks, etc)?	Yes
4	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Yes
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Yes
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Yes
8	Are used batteries stored indoors or under cover?	Yes
9	Is hazardous waste stored indoors or under cover?	Yes
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Yes
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-5 Maintenance Facility

Date: 5/24/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: 5/24/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-5 Maintenance Facility (Arlington Heights, IL)
--	--




Photo No.	1	
Date	5-24-2022	
Time	11:23 AM	
Direction	North	
Photo Taken By	BR	
Comments		
Bulk oil distribution area		

Photo No.	2	
Date	5-24-2022	
Time	11:33 AM	
Direction	North	
Photo Taken By	BR	
Comments		
Fueling island with spill kit nearby		

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-5 Maintenance Facility (Arlington Heights, IL)
--	--

Photo No.	3	
Date	5-24-2022	
Time	11:26 AM	
Direction	Southeast	
Photo Taken By	BR	
Comments		
Action Item: Replace damaged/rusted flammable storage cabinet		

Photo No.	4	
Date	5-24-2022	
Time	11:28 AM	
Direction	West	
Photo Taken By	BR	
Comments		
Action Item: Keep dumpsters covered to prevent contact with stormwater		

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-5 Maintenance Facility (Arlington Heights, IL)
--	--

Photo No.	5	
Date	5-24-2022	
Time	11:26 AM	
Direction	South	
Photo Taken By	BR	
Comments Plow hydraulic lines capped and wrapped		

Year-End Inspection (November)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Andrew Thickpeny, Michael Velasco

Yard/ Facility: M-5

Location: Arlington Heights

Date: 11/28/2022

Time: 12:30 PM

Weather Conditions During Inspection: Clear, 33F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Yes
5	Are the empty drums and totes capped/covered and free of surface residue?	Yes
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Yes
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	No
10	Are the waste dumpsters covered when not in use?	No
Notes/Corrective Action Items including schedule for implementation: <ul style="list-style-type: none">- Replace flammable cabinet near used oil AST, see photo #1- Cover waste dumpsters, see photo #2		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-5 Maintenance Facility

Date: 11/28/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Yes
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	No
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Yes
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Yes
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Yes
Notes/Corrective Action Items including schedule for implementation: - Cap/wrap hydraulic lines, see photo #3		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Yes
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Yes
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-5 Maintenance Facility

Date: 11/28/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Yes
2	Are the pump and hoses in good condition (no cracks, etc)?	Yes
3	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Salt Brine
2	Is the AST area free of leaks, stains, spills?	Yes
3	Are the pump and hoses in good condition (no cracks, etc)?	Yes
4	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Yes
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Yes
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Yes
8	Are used batteries stored indoors or under cover?	Yes
9	Is hazardous waste stored indoors or under cover?	Yes
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Yes
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:

- Will be getting new facility in 6 months



Yard/ Facility: M-5 Maintenance Facility

Date: 11/28/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: 11/28/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-5 Maintenance Facility (Arlington Heights, IL)
--	--




Photo No.	1	
Date	11/28/2022	
Time	12:45 PM	
Direction	East	
Photo Taken By	BR	
Comments Action Item: Replace damaged/rusted flammable storage cabinet (repeat from spring inspection)		

Photo No.	2	
Date	11/28/2022	
Time	1:00 PM	
Direction	Northwest	
Photo Taken By	BR	
Comments Action Item: Keep dumpsters covered to prevent contact with stormwater (repeat from spring inspection)		

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-5 Maintenance Facility (Arlington Heights, IL)
--	--

Photo No.	3	
Date	11/28/2022	
Time	1:10 PM	
Direction	North	
Photo Taken By	BR	
Comments Action Item: Cap and wrap hydraulic lines		

Photo No.	4	
Date	11/28/2022	
Time	12:45 PM	
Direction	North	
Photo Taken By	BR	
Comments Fueling station		

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-5 Maintenance Facility (Arlington Heights, IL)
--	--



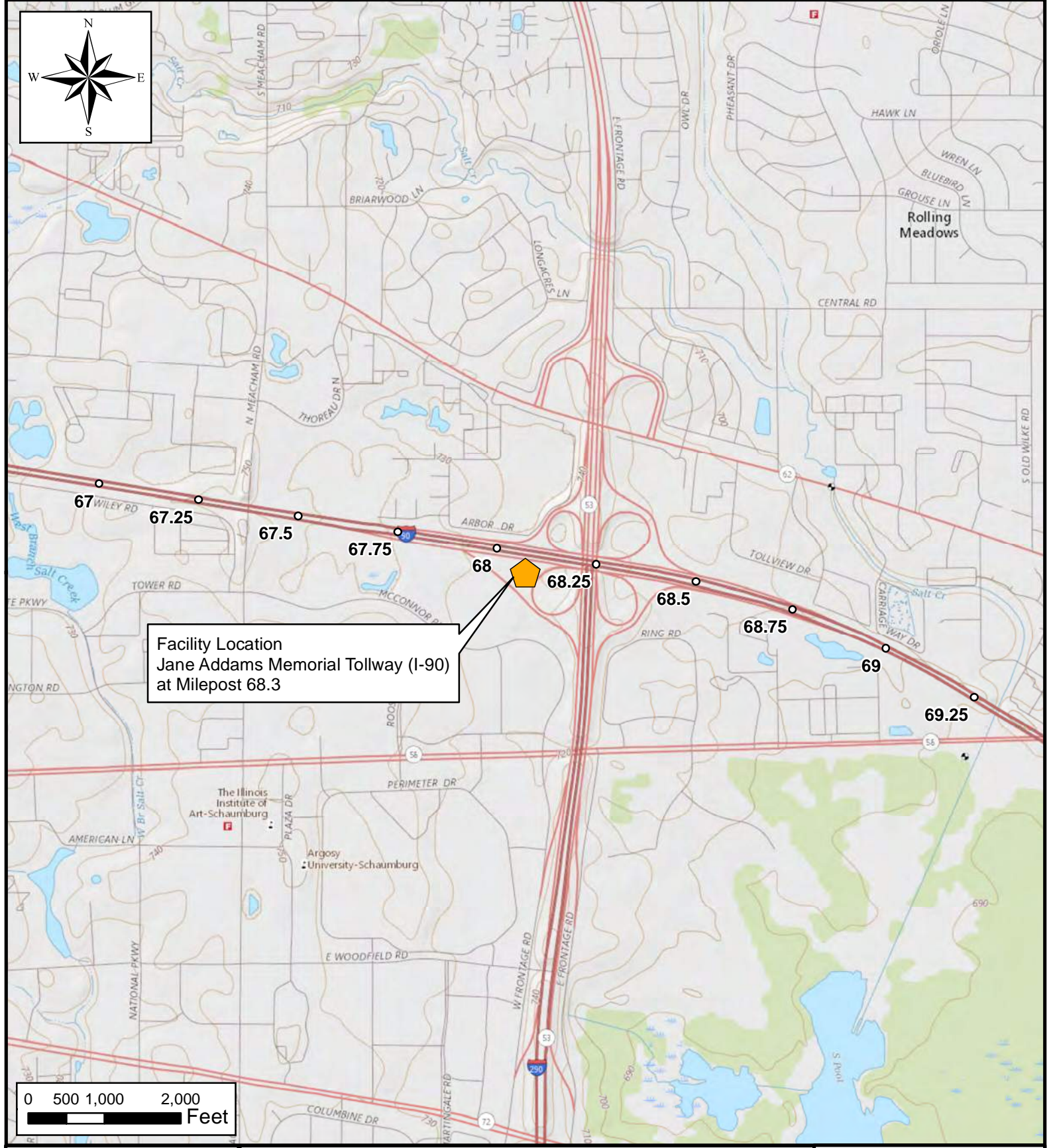
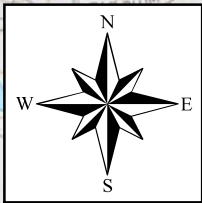
Photo No.	5	
Date	11/28/2022	
Time	12:45 PM	
Direction	East	
Photo Taken By	BR	
Comments		
Fuel spill kit		

Photo No.	6	
Date	11/28/2022	
Time	12:50 PM	
Direction	South	
Photo Taken By	BR	
Comments		
Calcium chloride and salt brine ASTs		



Illinois State Toll Highway Authority
2700 Ogden Avenue
Downers Grove, IL 60515

Site Location Map Maintenance Facility M-5 (Arlington Heights)

Illinois Tollway
Storm Water Pollution Prevention Plan

FIGURE NUMBER

1-E

DRAWN BY

JF

CHECKED BY

BS

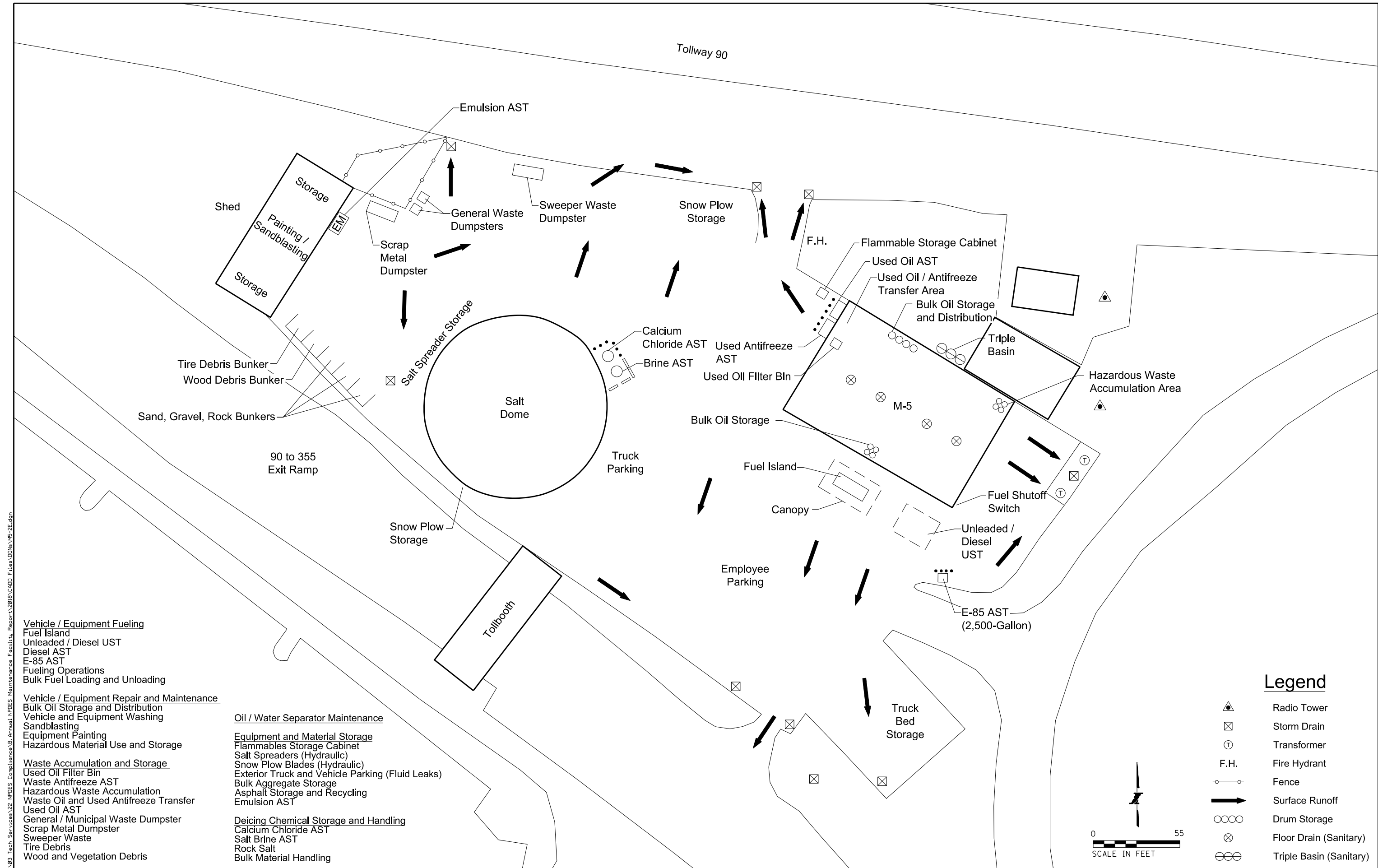
DATE

7/25/2018

SHEET NUMBER

1 of 1

GA:Team Drives\03 Tech Services\22 NPDES Compliance\8 Annual NPDES Maintenance Facility Report\2018\CA000 Files\ODNs\M5-2E.dgn



Vehicle / Equipment Fueling
Fuel Island
Unleaded / Diesel UST
Diesel AST
E-85 AST
Fueling Operations
Bulk Fuel Loading and Unloading

Vehicle / Equipment Repair and Maintenance
Bulk Oil Storage and Distribution
Vehicle and Equipment Washing
Sandblasting
Equipment Painting
Hazardous Material Use and Storage

Waste Accumulation and Storage
Used Oil Filter Bin
Waste Antifreeze AST
Hazardous Waste Accumulation
Waste Oil and Used Antifreeze Transfer
Used Oil AST
General / Municipal Waste Dumpster
Scrap Metal Dumpster
Sweeper Waste
Tire Debris
Wood and Vegetation Debris

Oil / Water Separator Maintenance
Equipment and Material Storage
Flammables Storage Cabinet
Salt Spreaders (Hydraulic)
Snow Plow Blades (Hydraulic)
Exterior Truck and Vehicle Parking (Fluid Leaks)
Bulk Aggregate Storage
Asphalt Storage and Recycling
Emulsion AST

Deicing Chemical Storage and Handling
Calcium Chloride AST
Salt Brine AST
Rock Salt
Bulk Material Handling

Legend

- Radio Tower
- Storm Drain
- Transformer
- F.H. Fire Hydrant
- Fence
- Surface Runoff
- Drum Storage
- Floor Drain (Sanitary)
- Triple Basin (Sanitary)

DRAWN BY BJR DATE 09/05/2018
CHECKED BY RWS DATE 09/05/2018

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

STORMWATER POLLUTION PREVENTION PLAN
MAINTENANCE FACILITY M-5
(ARLINGTON HEIGHTS)
FIGURE 2E
DRAWING NO. 1 OF 1



Appendix G

M-6 Maintenance Facility (Marengo, IL)

Mid-Year Inspection (May)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): William Atwater

Yard/Facility: M-6

Location: Marengo

Date: 5/24/2022

Time: 9:10 AM

Weather Conditions During Inspection: Cloudy, 56F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Yes
5	Are the empty drums and totes capped/covered and free of surface residue?	Yes
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Yes
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Yes
10	Are the waste dumpsters covered when not in use?	No
Notes/Corrective Action Items including schedule for implementation: - Cover waste dumpsters, see photo #5		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-6 Maintenance Facility

Date: 5/24/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Not Applicable
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Yes
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Yes
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Yes
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Yes
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Yes
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation: - No "Used Oil" label, see photo #3		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Yes
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:

- Label should read "Used Antifreeze" rather than "Coolant", see photo #4



Yard/ Facility: M-6 Maintenance Facility

Date: 5/24/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Yes
2	Are the pump and hoses in good condition (no cracks, etc)?	Yes
3	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Salt Brine
2	Is the AST area free of leaks, stains, spills?	Yes
3	Are the pump and hoses in good condition (no cracks, etc)?	Yes
4	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Yes
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Yes
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Yes
8	Are used batteries stored indoors or under cover?	Yes
9	Is hazardous waste stored indoors or under cover?	Yes
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Yes
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-6 Maintenance Facility

Date: 5/24/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: 5/24/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-6 Maintenance Facility (Marengo, IL)
--	--

Photo No.	1
Date	5-24-2022
Time	9:17 AM
Direction	South
Photo Taken By	BR
Comments Bulk Oil Distribution and Storage Area	



Photo No.	2
Date	5-24-2022
Time	9:20 AM
Direction	West
Photo Taken By	BR
Comments Fueling Island with spill kit nearby	



PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-6 Maintenance Facility (Marengo, IL)
--	--



Photo No.	3
Date	5-24-2022
Time	9:29 AM
Direction	South
Photo Taken By	BR
Comments Action Item: Label with "Used Oil"	



Photo No.	4
Date	5-24-2022
Time	9:29 AM
Direction	South
Photo Taken By	BR
Comments Action Item: Re-label as "Antifreeze" rather than "Coolant"	



PHOTOGRAPHIC LOG

Project Description / Location:		Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-6 Maintenance Facility (Marengo, IL)	
Photo No.	5		
Date	5-24-2022		
Time	9:26 AM		
Direction	West		
Photo Taken By	BR		
Comments			
Action Item: Keep dumpsters covered to avoid stormwater contact			
Photo No.	6		
Date	5-24-2022		
Time	9:14 AM		
Direction	East		
Photo Taken By	BR		
Comments			
Plow hydraulic lines capped and wrapped			

Year-End Inspection (November)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): William Atwater

Yard/Facility: M-6

Location: Marengo

Date: 11/28/2022

Time: 10:00 AM

Weather Conditions During Inspection: Clear, 33F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Yes
5	Are the empty drums and totes capped/covered and free of surface residue?	Yes
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Yes
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Yes
10	Are the waste dumpsters covered when not in use?	No
Notes/Corrective Action Items including schedule for implementation: - Cover waste dumpsters, see photo #1		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-6 Maintenance Facility

Date: 11/28/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Not Applicable
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Yes
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Yes
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Yes
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Yes
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Yes
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Yes
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:

- Label should read "Used Antifreeze" rather than "Coolant", see photo #2



Yard/ Facility: M-6 Maintenance Facility

Date: 11/28/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Yes
2	Are the pump and hoses in good condition (no cracks, etc)?	Yes
3	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Salt Brine
2	Is the AST area free of leaks, stains, spills?	Yes
3	Are the pump and hoses in good condition (no cracks, etc)?	Yes
4	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Yes
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Yes
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Yes
8	Are used batteries stored indoors or under cover?	Yes
9	Is hazardous waste stored indoors or under cover?	Yes
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Yes
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-6 Maintenance Facility

Date: 11/28/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: 11/28/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-6 Maintenance Facility (Marengo, IL)
--	--

Photo No.	1
Date	11/28/2022
Time	10:30 AM
Direction	West
Photo Taken By	BR

Comments

**Action Item: Keep dumpsters covered to avoid stormwater contact
(repeat from spring inspection)**



Photo No.	2
Date	11/28/2022
Time	10:45 AM
Direction	South
Photo Taken By	BR

Comments

**Action Item: Label as "Used Antifreeze"
(repeat from spring inspection)**



PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-6 Maintenance Facility (Marengo, IL)
--	--

Photo No.	3
Date	11/28/2022
Time	10:45 AM
Direction	South
Photo Taken By	BR

Comments

Spring action item to label as "Used Oil" has been addressed.



Photo No.	4
Date	11/28/2022
Time	10:40 AM
Direction	East
Photo Taken By	BR

Comments

Hydraulic lines are capped and wrapped



PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-6 Maintenance Facility (Marengo, IL)
--	--



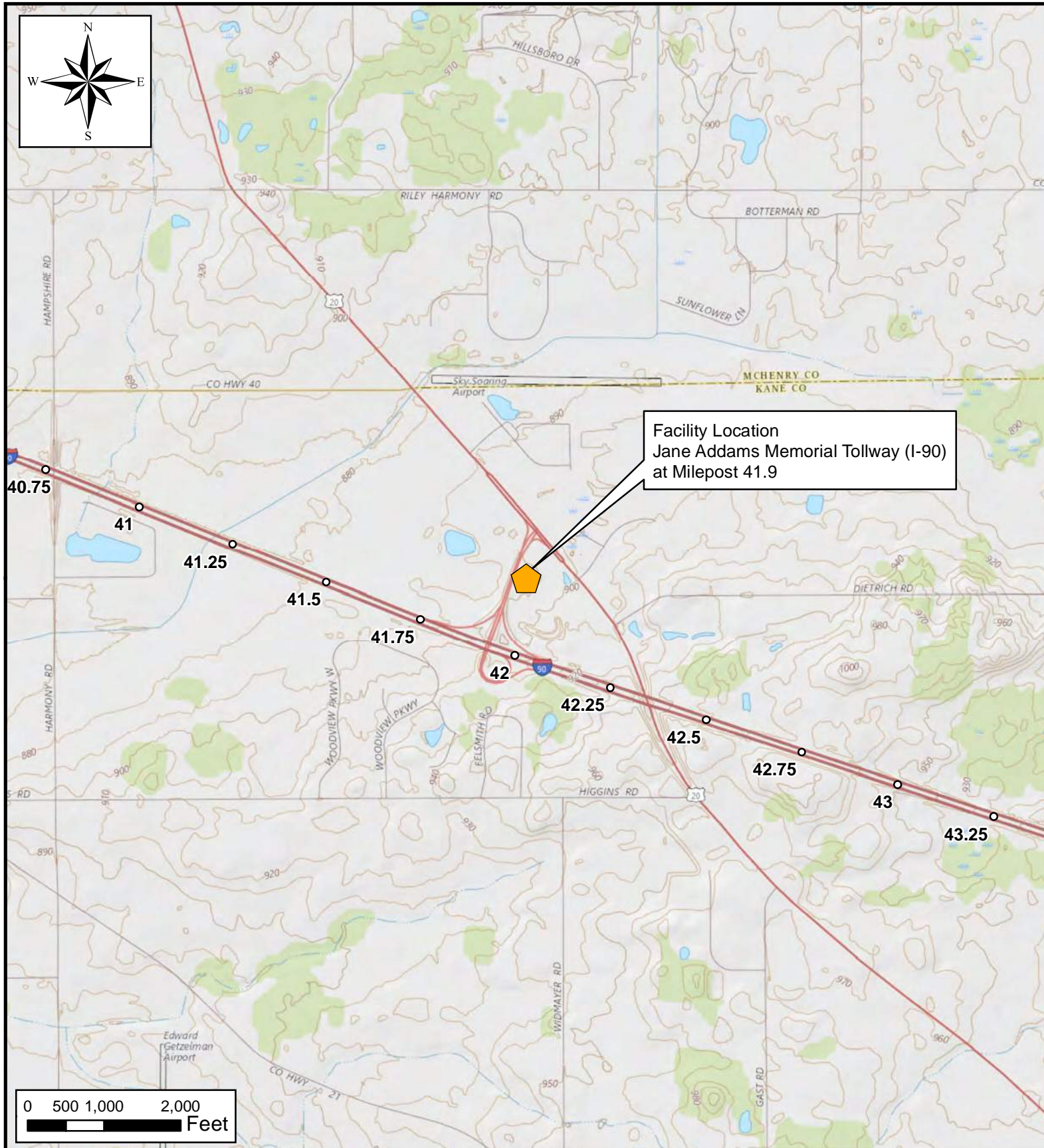
Photo No.	5	
Date	11/28/2022	
Time	10:45 AM	
Direction	South	
Photo Taken By	BR	
Comments		
Emulsion Tank		

Photo No.	6	
Date	11/28/2022	
Time	10:50 AM	
Direction	West	
Photo Taken By	BR	
Comments		
Salt Dome		



Site Location Map **Maintenance Facility M-6 (Morengo)**

Illinois Tollway
Storm Water Pollution Prevention Plan

FIGURE NUMBER

1-F

Illinois State Toll Highway Authority
2700 Ogden Avenue
Downers Grove, IL 60515

DRAWN BY

JF

CHECKED BY

BS

DATE

7/25/2018

SHEET NUMBER

1 of 1

NOTE: PRIOR TO RECONSTRUCTION TO BE COMPLETED IN 2018.

GA Team Drives\03 Tech Services\22 NPDES Compliance\8 Annual NPDES Maintenance Facility Report\2018\CA000 Files\DDNs\ME-2F.dgn

Legend

- Radio Tower
- Storm Drain
- Surface Runoff
- Drum Storage
- Floor Drain (Sanitary)
- Triple Basin (Sanitary)

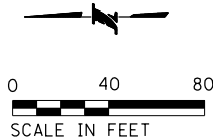
Vehicle / Equipment Fueling
Fuel Island
Unleaded / Diesel UST
Unleaded / Diesel / E-85 UST
Diesel AST
E-85 AST
Fueling Operations
Bulk Fuel Loading and Unloading

Vehicle / Equipment Repair and Maintenance
Bulk Oil Storage and Distribution
Vehicle and Equipment Washing
Sandblasting
Equipment Painting
Hazardous Material Use and Storage

Waste Accumulation and Storage
Used Oil Filter Bin
Waste Antifreeze AST
Hazardous Waste Accumulation
Waste Oil and Used Antifreeze Transfer
Waste Battery Accumulation
Used Oil AST
General / Municipal Waste Dumpster
Scrap Metal Dumpster
Sweeper Waste
Tire Debris
Wood and Vegetation Debris

Oil / Water Separator Maintenance
Equipment and Material Storage
Flammables Storage Cabinet
Salt Spreaders (Hydraulic)
Snow Plow Blades (Hydraulic)
Exterior Truck and Vehicle Parking (Fluid Leaks)
Damaged Vehicle Parking (Fluid Leaks)
Bulk Aggregate Storage
Asphalt Storage and Recycling
Asphalt Sealant Melter / Applicator Storage
Emulsion AST

Deicing Chemical Storage and Handling
Calcium Chloride AST
Salt Brine AST
Beet Heet AST
Rock Salt
Bulk Material Handling



DRAWN BY BJR DATE 09/05/2018
CHECKED BY RWS DATE 09/05/2018

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

STORMWATER POLLUTION PREVENTION PLAN
MAINTENANCE FACILITY M-6
(MARENGO)

FIGURE 2F
DRAWING NO.
1 OF 1



Appendix H

M-7 Maintenance Facility

(Rockford, IL)

Mid-Year Inspection (May)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): William Ryan

Yard/ Facility: M-7

Location: Rockford

Date: 5/24/2022

Time: 8:00 AM

Weather Conditions During Inspection: Cloudy, 52F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Yes
5	Are the empty drums and totes capped/covered and free of surface residue?	Yes
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Yes
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Not Applicable
10	Are the waste dumpsters covered when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	No
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:

- E85 is "red tagged". Able to dispense but not fill. Ongoing fix



Yard/ Facility: M-7 Maintenance Facility

Date: 05/24/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Not Applicable
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Yes
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Yes
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Yes
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Yes
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Yes
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Yes
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-7 Maintenance Facility

Date: 05/24/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Yes
2	Are the pump and hoses in good condition (no cracks, etc)?	Yes
3	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Not Applicable
2	Is the AST area free of leaks, stains, spills?	Not Applicable
3	Are the pump and hoses in good condition (no cracks, etc)?	Not Applicable
4	Are the AST valves in the closed position when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Yes
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Yes
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Yes
8	Are used batteries stored indoors or under cover?	Yes
9	Is hazardous waste stored indoors or under cover?	Yes
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Yes
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-7 Maintenance Facility

Date: 5/24/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*



Date: 5/24/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-7 Maintenance Facility (Rockford, IL)
--	---

Photo No.	1	
Date	5-24-2022	
Time	8:04 AM	
Direction	North	
Photo Taken By	BR	
Comments		
Bulk oil storage and distribution		

Photo No.	2	
Date	5-24-2022	
Time	8:11 AM	
Direction	West	
Photo Taken By	BR	
Comments		
Fuel island with spill kit nearby (within fuel booth)		
		

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-7 Maintenance Facility (Rockford, IL)
--	---



Photo No.	3	
Date	5-24-2022	
Time	8:13 AM	
Direction	North	
Photo Taken By	BR	
Comments Calcium Chloride storage		

Photo No.	4	
Date	5-24-2022	
Time	8:02 AM	
Direction	West	
Photo Taken By	BR	
Comments Plow hydraulic lines capped and wrapped		

Year-End Inspection (November)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): William Ryan

Yard/ Facility: M-7

Location: Rockford

Date: 11/28/2022

Time: 8:30 AM

Weather Conditions During Inspection: Clear, 27F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Yes
5	Are the empty drums and totes capped/covered and free of surface residue?	Yes
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Yes
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Not Applicable
10	Are the waste dumpsters covered when not in use?	No
Notes/Corrective Action Items including schedule for implementation: - cover waste dumpsters, see photo #1		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-7 Maintenance Facility

Date: 11/28/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Not Applicable
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Yes
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Yes
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Yes
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Yes
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Yes
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Yes
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-7 Maintenance Facility

Date: 11/28/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Yes
2	Are the pump and hoses in good condition (no cracks, etc)?	Yes
3	Are the AST valves in the closed position when not in use?	No
<p>Notes/Corrective Action Items including schedule for implementation:</p> <ul style="list-style-type: none"> - Close AST valves, see photo #2 		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Not Applicable
2	Is the AST area free of leaks, stains, spills?	Not Applicable
3	Are the pump and hoses in good condition (no cracks, etc)?	Not Applicable
4	Are the AST valves in the closed position when not in use?	Not Applicable
<p>Notes/Corrective Action Items including schedule for implementation:</p>		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Yes
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Yes
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Yes
8	Are used batteries stored indoors or under cover?	Yes
9	Is hazardous waste stored indoors or under cover?	Yes
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Yes
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-7 Maintenance Facility

Date: 11/28/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: **11/28/2022**

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-7 Maintenance Facility (Rockford, IL)
--	---

Photo No.	1
Date	11/28/2022
Time	9:10 AM
Direction	North
Photo Taken By	BR

Comments

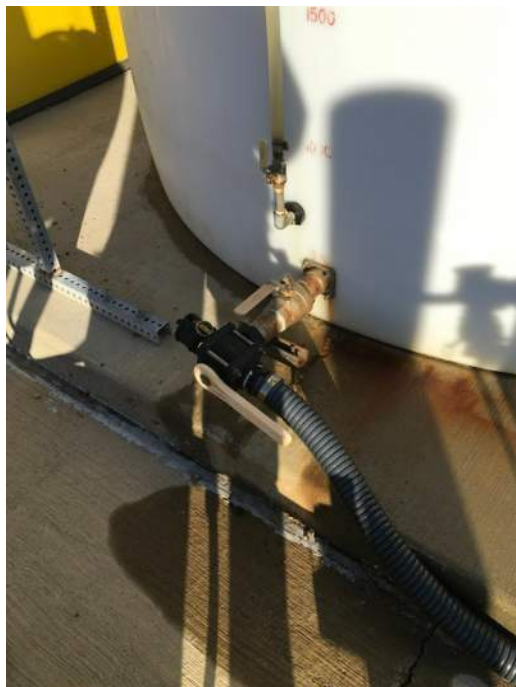
Action Item: Keep dumpsters closed to avoid contact with storm water



Photo No.	2
Date	11/28/2022
Time	8:55 AM
Direction	North
Photo Taken By	BR

Comments

Action Item: Keep calcium chloride above ground storage tank valves closed when not in use.



PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-7 Maintenance Facility (Rockford, IL)
--	---


Photo No.	3	
Date	11/28/2022	
Time	8:45 AM	
Direction	West	
Photo Taken By	BR	
Comments		
Fueling station		

Photo No.	4	
Date	11/28/2022	
Time	8:40 AM	
Direction	West	
Photo Taken By	BR	
Comments		
Oil/lube room is clean and well organized.		

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-7 Maintenance Facility (Rockford, IL)
--	---



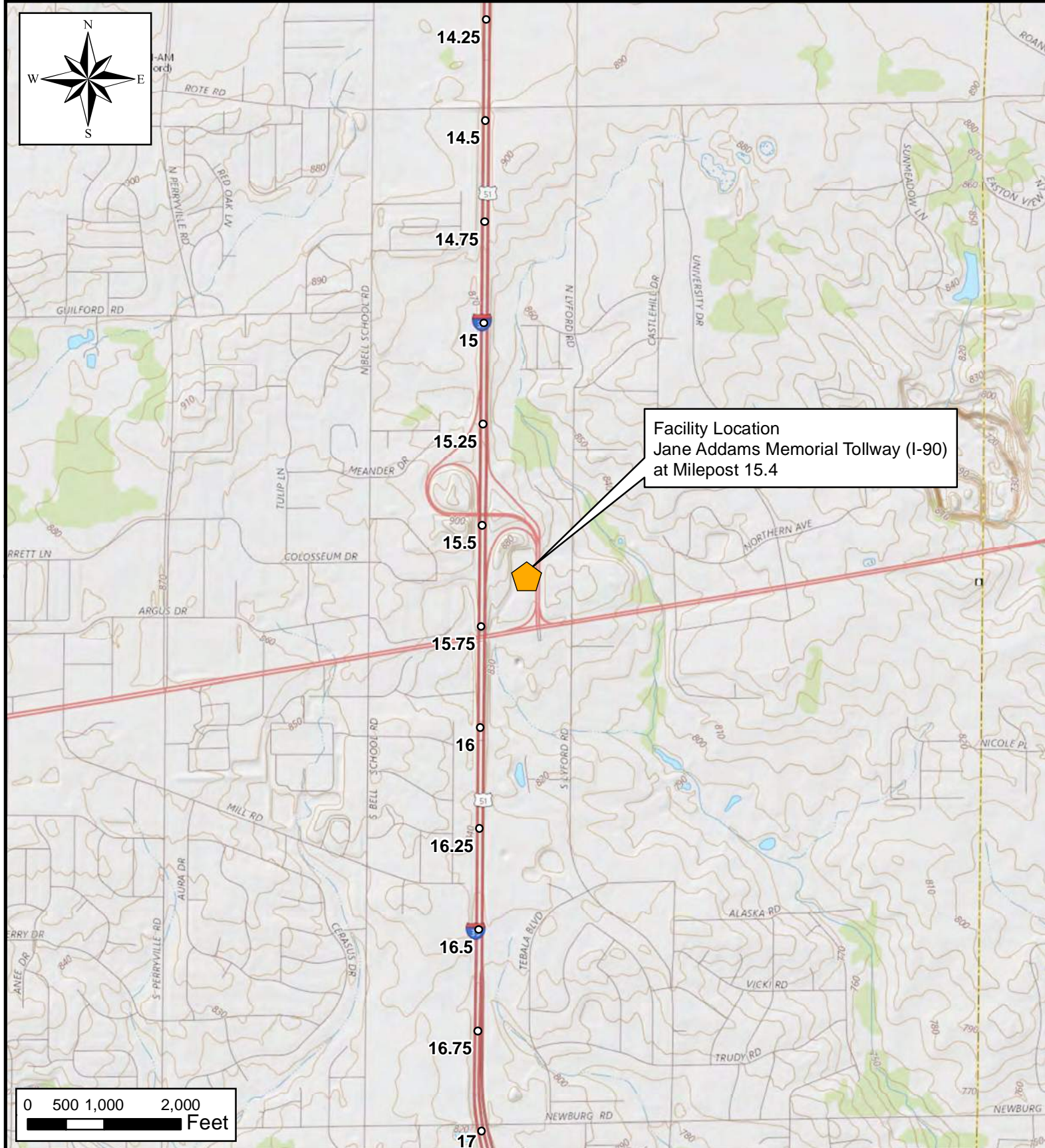
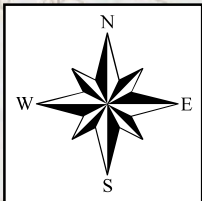
Photo No.	5	
Date	11/28/2022	
Time	8:50 AM	
Direction	East	
Photo Taken By	BR	
Comments Emulsion tank		

Photo No.	6	
Date	11/28/2022	
Time	8:55 AM	
Direction	South	
Photo Taken By	BR	
Comments Calcium chloride AST		



Illinois State Toll Highway Authority
2700 Ogden Avenue
Downers Grove, IL 60515

Site Location Map Maintenance Facility M-7 (Rockford)

Illinois Tollway
Storm Water Pollution Prevention Plan

FIGURE NUMBER

1-G

DRAWN BY

JF

CHECKED BY

BS

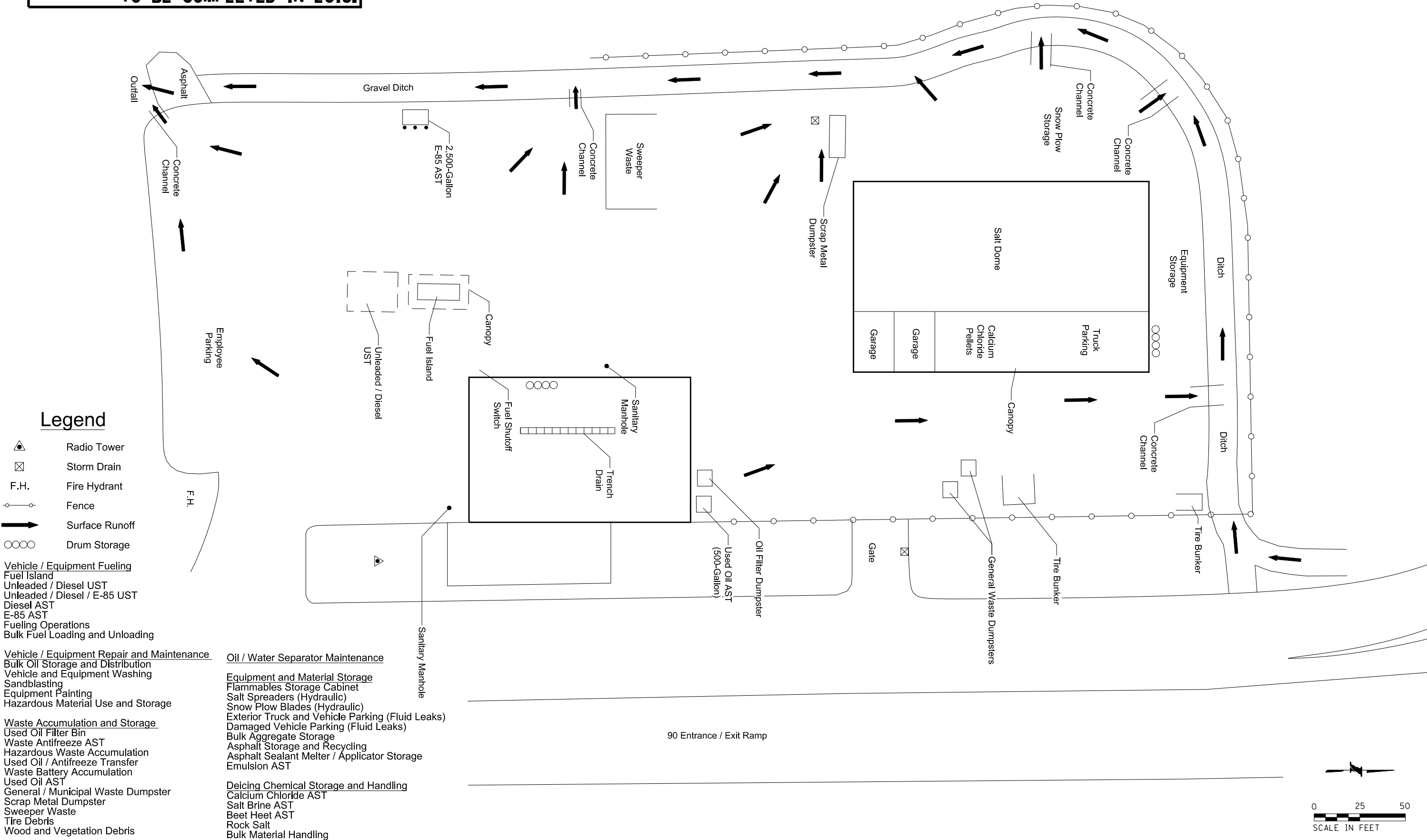
DATE

7/25/2018

SHEET NUMBER

1 of 1

NOTE: PRIOR TO RECONSTRUCTION
TO BE COMPLETED IN 2018.



Legend

- Radio Tower
- Storm Drain
- F.H. Fire Hydrant
- Fence
- Surface Runoff
- Drum Storage

Vehicle / Equipment Fueling
Fuel Island
Unleaded / Diesel UST
Unleaded / Diesel / E-85 UST
Diesel AST
E-85 AST
Fueling Operations
Bulk Fuel Loading and Unloading

Vehicle / Equipment Repair and Maintenance
Bulk Oil Storage and Distribution
Vehicle and Equipment Washing
Sandblasting
Equipment Painting
Hazardous Material Use and Storage

Waste Accumulation and Storage
Used Oil Filter Bin
Waste Antifreeze AST
Hazardous Waste Accumulation
Used Oil / Antifreeze Transfer
Waste Battery Accumulation
Used Oil AST
General / Municipal Waste Dumpster
Scrap Metal Dumpster
Sweeper Waste
Tire Debris
Wood and Vegetation Debris

Oil / Water Separator Maintenance

Equipment and Material Storage
Flammables Storage Cabinet
Salt Spreaders (Hydraulic)
Snow Plow Blades (Hydraulic)
Exterior Truck and Vehicle Parking (Fluid Leaks)
Damaged Vehicle Parking (Fluid Leaks)
Bulk Aggregate Storage
Asphalt Storage and Recycling
Asphalt Sealant Melter / Applicator Storage
Emulsion AST

Deicing Chemical Storage and Handling
Calcium Chloride AST
Salt Brine AST
Beet Heet AST
Rock Salt
Bulk Material Handling


DRAWN BY BJR DATE 09/05/2018
CHECKED BY RWS DATE 09/05/2018



REVISIONS		
NO.	DATE	DESCRIPTION

STORMWATER POLLUTION PREVENTION PLAN
MAINTENANCE FACILITY M-7
(ROCKFORD)

FIGURE 2G
DRAWING NO.
1 OF 1



Appendix I

M-8 Maintenance Facility (Aurora, IL)

Mid-Year Inspection (May)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Brian Fuqua

Yard/Facility: M-8

Location: Aurora

Date: 5/25/2022

Time: 8:20 AM

Weather Conditions During Inspection: Rainy, 57F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Yes
5	Are the empty drums and totes capped/covered and free of surface residue?	Yes
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Yes
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Yes
10	Are the waste dumpsters covered when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-8 Maintenance Facility

Date: 05/25/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Not Applicable
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	No
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Yes
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Yes
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Yes
Notes/Corrective Action Items including schedule for implementation: - Hydraulic oil lines must be capped/wrapped, see photo #3		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Yes
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Yes
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-8 Maintenance Facility

Date: 05/25/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Yes
2	Are the pump and hoses in good condition (no cracks, etc)?	Yes
3	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Both
2	Is the AST area free of leaks, stains, spills?	Yes
3	Are the pump and hoses in good condition (no cracks, etc)?	Yes
4	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Yes
4	Is there a drip pan under the dispensing valve of the emulsion tank?	No
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Yes
8	Are used batteries stored indoors or under cover?	Yes
9	Is hazardous waste stored indoors or under cover?	Yes
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Yes
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:

- Place drip pan under emulsion tank valve, see photo #4



Yard/ Facility: M-8 Maintenance Facility

Date: 5/25/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: 5/25/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-8 Maintenance Facility (Aurora, IL)
--	---



Photo No.	1	
Date	5-25-2022	
Time	8:38 AM	
Direction	East	
Photo Taken By	BR	
Comments Bulk oil storage and distribution area		

Photo No.	2	
Date	5-25-2022	
Time	8:42 AM	
Direction	North	
Photo Taken By	BR	
Comments Calcium Chloride, Salt Brine and Beet Heat		

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-8 Maintenance Facility (Aurora, IL)
--	---

Photo No.	3
Date	5-25-2022
Time	8:29 AM
Direction	South
Photo Taken By	

Comments

Action Item: Cap/wrap plow hydraulic hoses



Photo No.	4
Date	5-25-2022
Time	8:46 AM
Direction	South
Photo Taken By	BR

Comments

Action Item: Place drip pan underneath emulsion tank dispensing valve



Year-End Inspection (November)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Brian Fuqua

Yard/Facility: M-8

Location: Aurora

Date: 11/21/2022

Time: 11:40 AM

Weather Conditions During Inspection: Clear, 45F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Yes
5	Are the empty drums and totes capped/covered and free of surface residue?	Yes
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Yes
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Yes
10	Are the waste dumpsters covered when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-8 Maintenance Facility

Date: 11/21/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Not Applicable
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	No
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Yes
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Yes
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Yes
Notes/Corrective Action Items including schedule for implementation: - Hydraulic oil lines must be capped/wrapped, see photo #1		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Yes
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation: - Change "Waste Oil" sign to "Used Oil", see photo #4		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Yes
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-8 Maintenance Facility

Date: 11/21/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Yes
2	Are the pump and hoses in good condition (no cracks, etc)?	Yes
3	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Both
2	Is the AST area free of leaks, stains, spills?	Yes
3	Are the pump and hoses in good condition (no cracks, etc)?	Yes
4	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Yes
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Yes
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Yes
8	Are used batteries stored indoors or under cover?	Yes
9	Is hazardous waste stored indoors or under cover?	Yes
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Yes
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-8 Maintenance Facility

Date: 11/21/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: **11/21/2022**

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-8 Maintenance Facility (Aurora, IL)
--	---



Photo No.	1	
Date	11/21/2022	
Time	12:30 PM	
Direction	South	
Photo Taken By	BR	
Comments Action Item: Cap/wrap plow hydraulic lines		

Photo No.	2	
Date	11/21/2022	
Time	11:50 AM	
Direction	East	
Photo Taken By	BR	
Comments Oil/lube room		

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-8 Maintenance Facility (Aurora, IL)
--	---

Photo No.	3	
Date	11/21/2022	
Time	12:00 PM	
Direction	North	
Photo Taken By	BR	
Comments		
Fueling station		

Photo No.	4	
Date	11/21/2022	
Time	12:15 PM	
Direction	South	
Photo Taken By	BR	
Comments		
Action Item: Change label to "Used Oil"		

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-8 Maintenance Facility (Aurora, IL)
--	---


Photo No.	5	
Date	11/21/2022	
Time	12:00 PM	
Direction	South	
Photo Taken By	BR	
Comments		
Fueling spill kit		

Photo No.	6	
Date	11/21/2022	
Time	11:50 AM	
Direction	West	
Photo Taken By	BR	
Comments		
Shop floor		

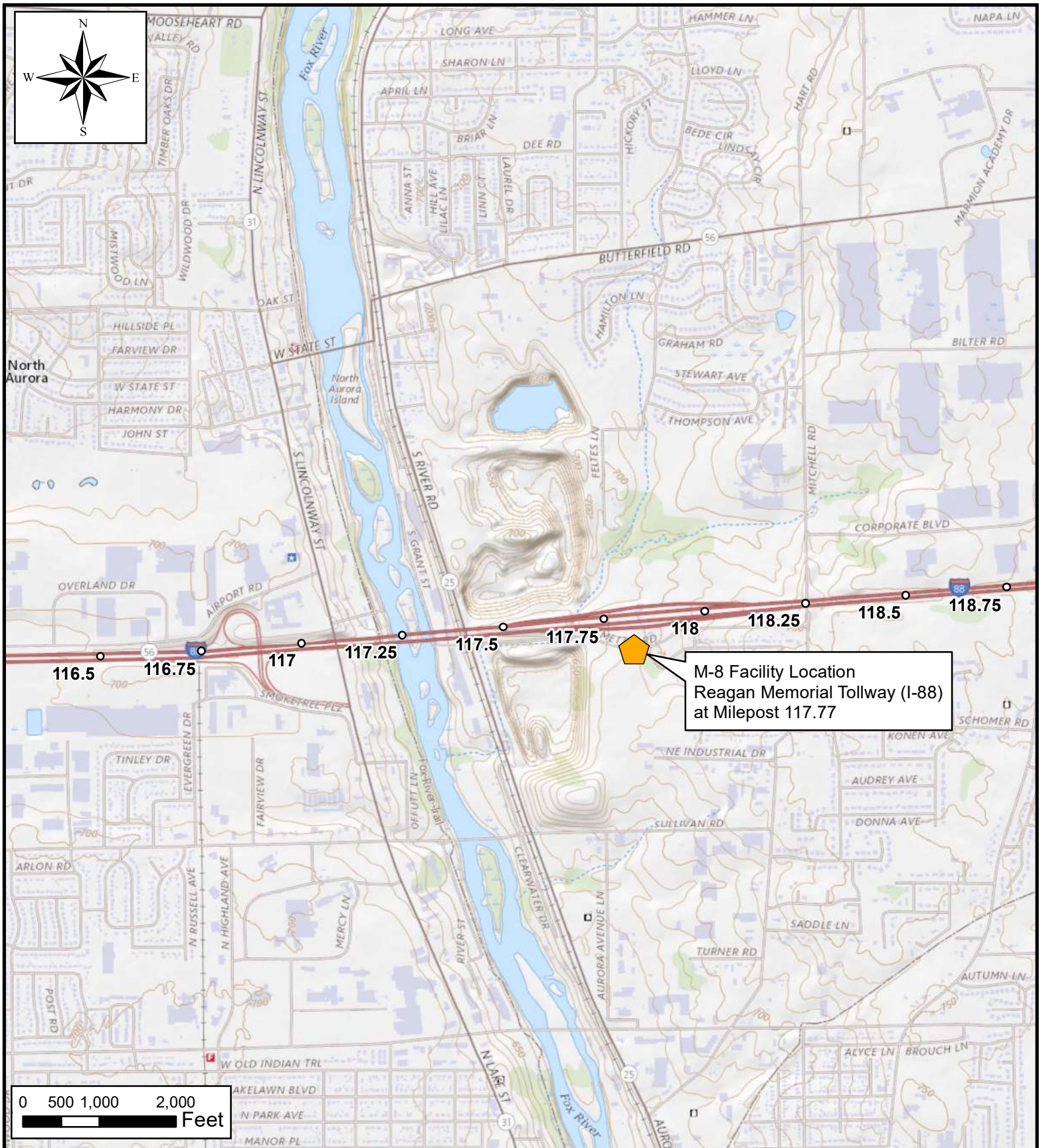
PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-8 Maintenance Facility (Aurora, IL)
--	---

Photo No.	7
Date	11/21/2022
Time	11:50 AM
Direction	South
Photo Taken By	BR
Comments	
Flammable Cabinet	

A photograph of a yellow flammable cabinet, also known as a safety cabinet, standing on a wooden pallet. The cabinet has two doors and is labeled with 'FLAMMABLE', 'INFLAMMABLE', and a flame symbol. To the left of the cabinet is a large white plastic container, and to the right is a yellow cylindrical object. The background shows a grey wall with some pipes and a light switch.

[illegible]



Illinois State Toll Highway Authority
2700 Ogden Avenue
Downers Grove, IL 60515

Site Location Map Maintenance Facility M-8 (Aurora)

Illinois Tollway
Storm Water Pollution Prevention Plan

FIGURE NUMBER

1-H

DRAWN BY

SD

CHECKED BY

DK

DATE

12/28/2021

SHEET NUMBER

1 of 1

PLOT DRIVER: C:\TOLLWAY\USA\STANDARD\SETTINGS\PLOT\TOLLWAY.plt
PLOT DATE: 12/17/2021 11:55:23 AM
PLOT TIME: 11:55:23 AM
PLOT USER: User1
PLOT NAME: C:\TOLLWAY\USA\STANDARD\SETTINGS\PLOT\TOLLWAY.plt

FILE NAME: C:\TOLLWAY\USA\STANDARD\SETTINGS\PLOT\TOLLWAY.plt
FILE DATE: 12/17/2021 11:55:23 AM
FILE TIME: 11:55:23 AM
FILE USER: User1
FILE NAME: C:\TOLLWAY\USA\STANDARD\SETTINGS\PLOT\TOLLWAY.plt

PLOT SCALE: 70,000' / in.
PAGE SIZE: 17x11 (in.)

MILESTONE:	DESIGNED BY:	DATE:
	DK	12/15/2021
	DRAWN BY:	DATE:
	BR	12/16/2021
	CHECKED BY:	DATE:
	DK	12/17/2021

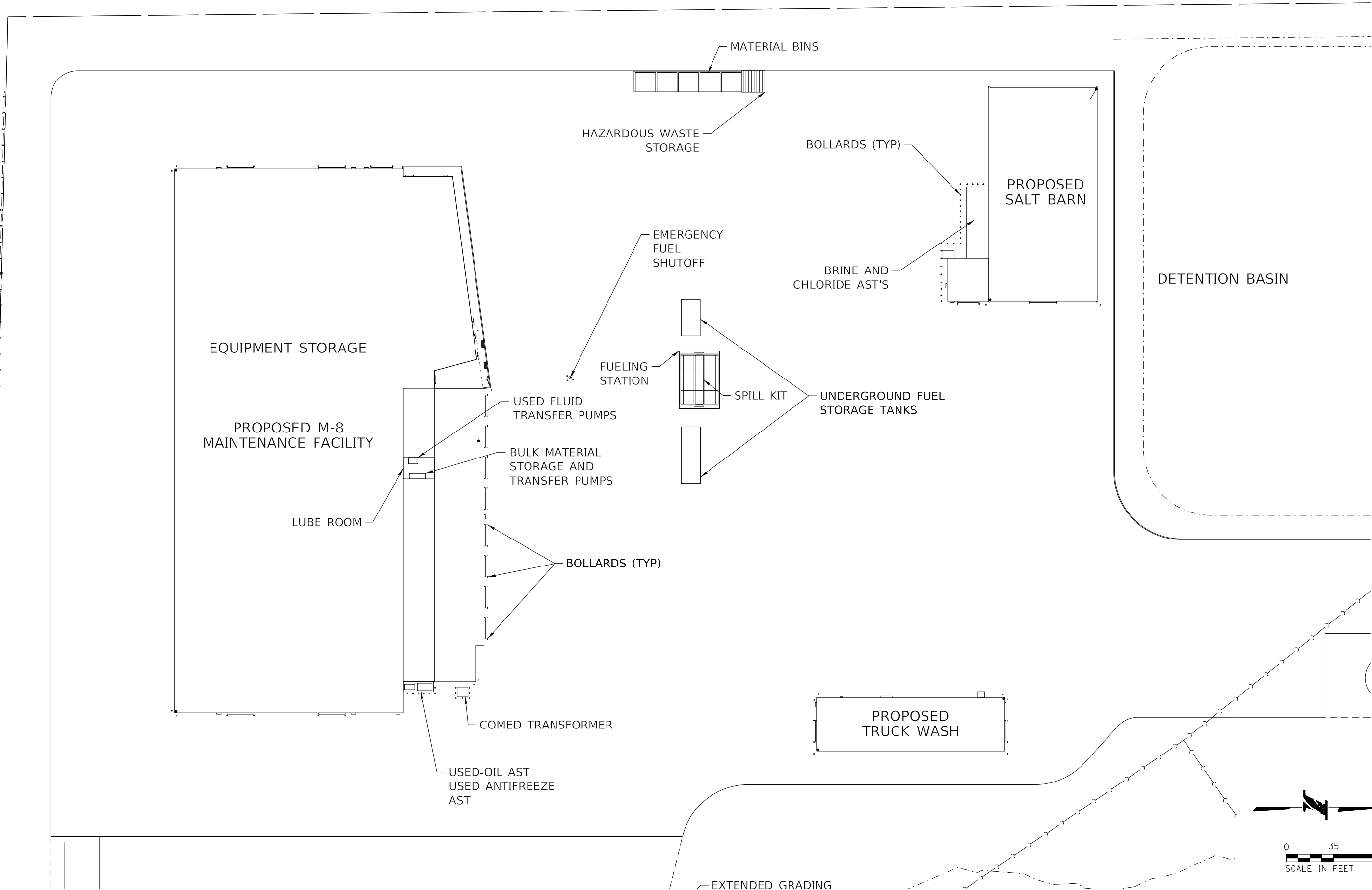


THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2 7 0 0 O G D E N A V E N U E
D O W N E R S G R O V E,
I L L I N O I S 6 0 5 1 5

REVISIONS		
NO.	DATE	DESCRIPTION

STORMWATER POLLUTION PREVENTION PLAN
MAINTENANCE FACILITY M-8 (AURORA)

SHEET NO.
DRAWING NO.
1 OF 1





Appendix J

M-8 Sign Shop and Central Warehouse (Naperville, IL)

Mid-Year Inspection (May)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Robert Fry

Yard/ Facility: M-8 Sign Shop

Location: Naperville

Date: 5/25/2022

Time: 10:30 AM

Weather Conditions During Inspection: Light rain, 63F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Not Applicable
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Not Applicable
4	Are empty drums and totes stored in the designated area?	Yes
5	Are the empty drums and totes capped/covered and free of surface residue?	Yes
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Not Applicable
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Not Applicable
10	Are the waste dumpsters covered when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Not Applicable
2	Is a spill kit located nearby?	Not Applicable
3	Are the pumps in good condition?	Not Applicable
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Not Applicable
5	Are the level gauges working properly (regular documented system checks conducted)?	Not Applicable
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Not Applicable
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Not Applicable
8	Are the tanks and pumps properly labeled?	Not Applicable
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Not Applicable
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-8 Sign Shop

Date: 05/25/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Not Applicable
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Not Applicable
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Not Applicable
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Not Applicable
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Not Applicable
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Not Applicable
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-8 Sign Shop

Date: 05/25/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Not Applicable
2	Are the pump and hoses in good condition (no cracks, etc)?	Not Applicable
3	Are the AST valves in the closed position when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Not Applicable
2	Is the AST area free of leaks, stains, spills?	Not Applicable
3	Are the pump and hoses in good condition (no cracks, etc)?	Not Applicable
4	Are the AST valves in the closed position when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Not Applicable
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Not Applicable
5	Is the bulk salt loading and unloading area generally free of residual salt?	Not Applicable
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Not Applicable
8	Are used batteries stored indoors or under cover?	No
9	Is hazardous waste stored indoors or under cover?	Not Applicable
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Not Applicable
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:

- Move used batteries under shed, see photo #1
- Move gas cans into flammable material storage cabinet, see photo #2



Yard/ Facility: M-8 Sign Shop

Date: 5/25/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*


Date: 5/25/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-8 Sign Shop (Naperville, IL)
--	--

Photo No.	1	
Date	5-25-2022	
Time	10:29 AM	
Direction	North	
Photo Taken By	BR	
Comments Action Item: Move used batteries underneath shed		

Photo No.	2	
Date	5-25-2022	
Time	10:34 AM	
Direction	North	
Photo Taken By	BR	
Comments Action Item: Place gas containers in flammable material cabinet		

Year-End Inspection (November)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Robert Fry

Yard/ Facility: M-8 Sign Shop

Location: Naperville

Date: 11/21/2022

Time: 1:00 PM

Weather Conditions During Inspection: Clear, 46F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Not Applicable
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Not Applicable
4	Are empty drums and totes stored in the designated area?	Yes
5	Are the empty drums and totes capped/covered and free of surface residue?	Yes
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Not Applicable
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Not Applicable
10	Are the waste dumpsters covered when not in use?	No
Notes/Corrective Action Items including schedule for implementation: - Dumpster cover left open, see photo #2		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Not Applicable
2	Is a spill kit located nearby?	Not Applicable
3	Are the pumps in good condition?	Not Applicable
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Not Applicable
5	Are the level gauges working properly (regular documented system checks conducted)?	Not Applicable
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Not Applicable
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Not Applicable
8	Are the tanks and pumps properly labeled?	Not Applicable
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Not Applicable
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-8 Sign Shop

Date: 11/21/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Not Applicable
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Not Applicable
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Not Applicable
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Not Applicable
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Not Applicable
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Not Applicable
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-8 Sign Shop

Date: 11/21/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Not Applicable
2	Are the pump and hoses in good condition (no cracks, etc)?	Not Applicable
3	Are the AST valves in the closed position when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Not Applicable
2	Is the AST area free of leaks, stains, spills?	Not Applicable
3	Are the pump and hoses in good condition (no cracks, etc)?	Not Applicable
4	Are the AST valves in the closed position when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Not Applicable
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Not Applicable
5	Is the bulk salt loading and unloading area generally free of residual salt?	Not Applicable
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Not Applicable
8	Are used batteries stored indoors or under cover?	No
9	Is hazardous waste stored indoors or under cover?	Not Applicable
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Not Applicable
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:

- Move used batteries under shed, see photo #1



Yard/ Facility: M-8 Sign Shop

Date: 11/21/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: 11/21/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-8 Sign Shop (Naperville, IL)
--	--

Photo No.	1
Date	11/21/2022
Time	1:15 PM
Direction	North
Photo Taken By	BR

Comments

Action Item: Move used batteries underneath shed and elevate to prevent contact with stormwater



Photo No.	2
Date	11/21/2022
Time	1:10 PM
Direction	North
Photo Taken By	BR

Comments

Action Item: Keep dumpster closed to prevent stormwater contamination



PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-8 Sign Shop (Naperville, IL)
--	--

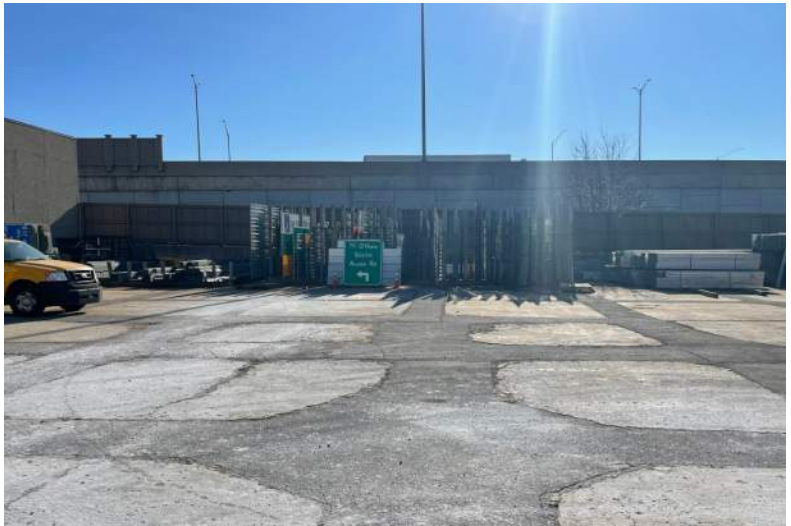

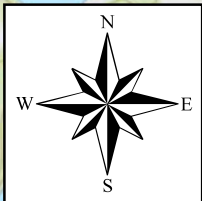
Photo No.	3	
Date	11/21/2022	
Time	1:10 PM	
Direction	South	
Photo Taken By	BR	
Comments		
Sign Yard		

Photo No.	4	
Date	11/21/2022	
Time	1:12 PM	
Direction	North	
Photo Taken By	BR	
Comments		
Slotted drain installed to drain stormwater that used to pond against storage units		



M-8 Facility Location
Reagan Memorial Tollway (I-88)
at Milepost 127.6

Warehouse Facility Location
Reagan Memorial Tollway (I-88)
at Milepost 127.6

0 500 1,000 2,000
Feet



Illinois State Toll Highway Authority
2700 Ogden Avenue
Downers Grove, IL 60515

Site Location Map Maintenance Facility M-8 (Naperville)

Illinois Tollway
Storm Water Pollution Prevention Plan

FIGURE NUMBER

1-H

DRAWN BY

JF

CHECKED BY

BS

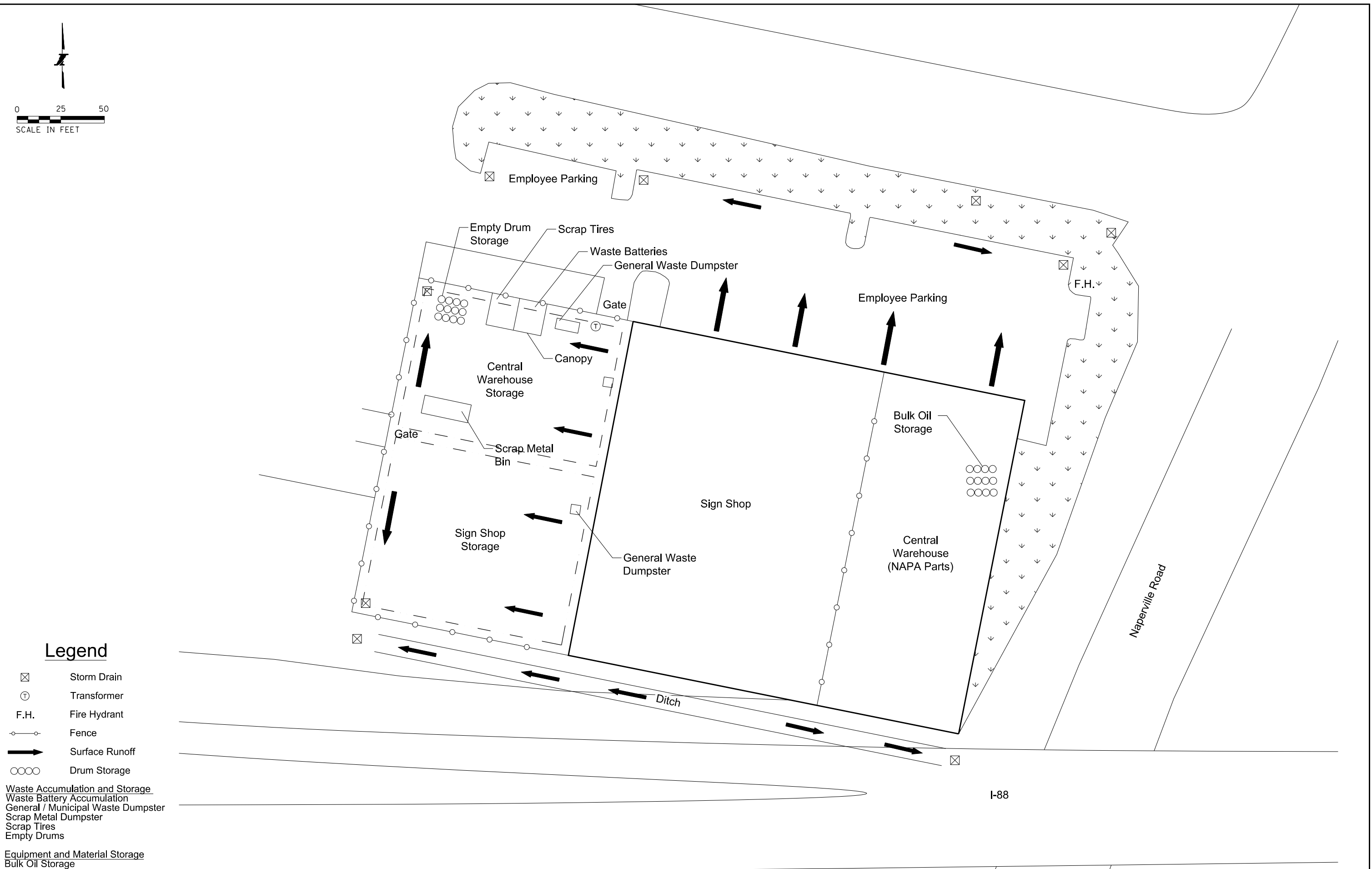
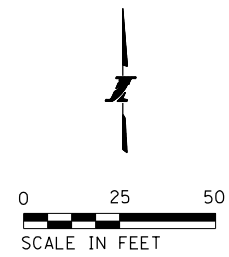
DATE

7/25/2018

SHEET NUMBER

1 of 1

GA:Team Drives\03 Tech Services\22 NPDES Compliance\8 Annual NPDES Maintenance Facility Report\2018\CA000 Files\DDNs\WB-WarehouseSignShop.dgn



Legend

- ☒ Storm Drain
- Ⓣ Transformer
- F.H. Fire Hydrant
- Fence
- ➔ Surface Runoff
- Drum Storage

Waste Accumulation and Storage
Waste Battery Accumulation
General / Municipal Waste Dumpster
Scrap Metal Dumpster
Scrap Tires
Empty Drums

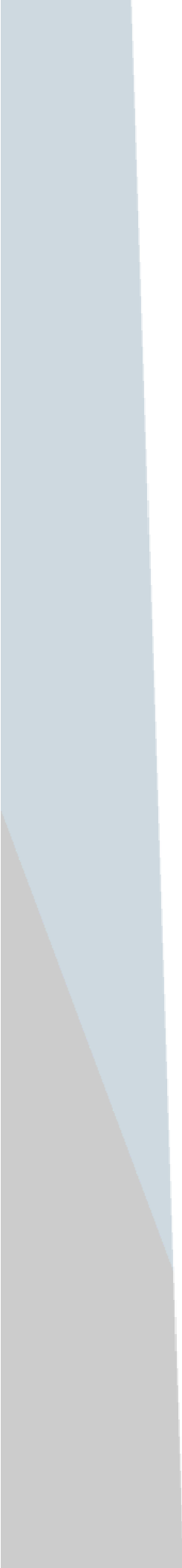
Equipment and Material Storage
Bulk Oil Storage

DRAWN BY BJR DATE 09/05/2018
CHECKED BY RWS DATE 09/05/2018

 **THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY**
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

STORMWATER POLLUTION PREVENTION PLAN	FIGURE 2H-1
CENTRAL WAREHOUSE AND SIGN SHOP	DRAWING NO. 1 OF 1



Appendix K

M-11 Maintenance Facility (DeKalb, IL)

Mid-Year Inspection (May)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Aaron Lamore

Yard/ Facility: M-11

Location: DeKalb

Date: 5/23/2022

Time: 11:15 AM

Weather Conditions During Inspection: Clear, 61F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Yes
5	Are the empty drums and totes capped/covered and free of surface residue?	Yes
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Yes
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Yes
10	Are the waste dumpsters covered when not in use?	No
Notes/Corrective Action Items including schedule for implementation: - Keep waste dumpsters covered, see photo #5		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-11 Maintenance Facility

Date: 05/23/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Yes
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Yes
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Yes
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Yes
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Yes
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Yes
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Yes
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:

- Replace "Waste Oil" sign with "Used Oil", see photo #4



Yard/ Facility: M-11 Maintenance Facility

Date: 05/23/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Not Applicable
2	Are the pump and hoses in good condition (no cracks, etc)?	Not Applicable
3	Are the AST valves in the closed position when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Salt Brine
2	Is the AST area free of leaks, stains, spills?	Yes
3	Are the pump and hoses in good condition (no cracks, etc)?	Yes
4	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Yes
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Yes
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Yes
8	Are used batteries stored indoors or under cover?	Yes
9	Is hazardous waste stored indoors or under cover?	Yes
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Yes
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-11 Maintenance Facility

Date: 5/23/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: 5/23/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-11 Maintenance Facility (DeKalb, IL)
--	--

Photo No.	1
Date	5-23-2022
Time	11:08 AM
Direction	West
Photo Taken By	BR
Comments	
Hazardous waste area	



Photo No.	2
Date	5-23-2022
Time	11:08 AM
Direction	South
Photo Taken By	BR
Comments	
Bulk oil distribution and storage area	



PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-11 Maintenance Facility (DeKalb, IL)
--	--


Photo No.	3	 
Date	5-23-2022	
Time	11:11 AM	
Direction	West	
Photo Taken By	BR	
Comments		
Fuel island with fuel spill kit located in booth		

Photo No.	4	
Date	5-23-2022	
Time	11:15 AM	
Direction	North	
Photo Taken By	BR	
Comments		
Action Item: Replace "Waste Oil" label with "Used Oil"		

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-11 Maintenance Facility (DeKalb, IL)
--	--

Photo No.	5	
Date	5-23-2022	
Time	11:22 AM	
Direction	North	
Photo Taken By	BR	
Comments Action Item: Keep waste dumpsters covered to prevent contact with stormwater		

Year-End Inspection (November)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Don Ryan

Yard/ Facility: M-11

Location: DeKalb

Date: 11/21/2022

Time: 10:30 AM

Weather Conditions During Inspection: Clear, 42F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Yes
5	Are the empty drums and totes capped/covered and free of surface residue?	Yes
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Yes
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Yes
10	Are the waste dumpsters covered when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-11 Maintenance Facility

Date: 11/21/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Yes
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	No
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Yes
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Yes
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Yes
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Yes
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation: - Replace "Waste Oil" sign with "Used Oil", see photo #1		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Yes
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:

- Replace "Antifreeze" sign with "Used Antifreeze", see photo #2



Yard/ Facility: M-11 Maintenance Facility

Date: 11/21/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Not Applicable
2	Are the pump and hoses in good condition (no cracks, etc)?	Not Applicable
3	Are the AST valves in the closed position when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Salt Brine
2	Is the AST area free of leaks, stains, spills?	Yes
3	Are the pump and hoses in good condition (no cracks, etc)?	Yes
4	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Yes
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Yes
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Yes
8	Are used batteries stored indoors or under cover?	Yes
9	Is hazardous waste stored indoors or under cover?	Yes
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Yes
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-11 Maintenance Facility

Date: 11/21/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: 11/21/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-11 Maintenance Facility (DeKalb, IL)
--	--



Photo No.	1	
Date	11/21/2022	
Time	10:50 AM	
Direction	North	
Photo Taken By	BR	
Comments		
Action Item: Change label to "Used Oil"		

Photo No.	2	
Date	11/21/2022	
Time	10:50 AM	
Direction	North	
Photo Taken By	BR	
Comments		
Action Item: Change label to "Used Antifreeze"		

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-11 Maintenance Facility (DeKalb, IL)
--	--



Photo No.	3	
Date	11/21/2022	
Time	10:45 AM	
Direction	East	
Photo Taken By	BR	
Comments		
Fuel island		

Photo No.	4	
Date	11/21/2022	
Time	10:45 AM	
Direction	North	
Photo Taken By	BR	
Comments		
Fuel spill kit		

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-11 Maintenance Facility (DeKalb, IL)
--	--

Photo No.	5
Date	11/21/2022
Time	10:35 AM
Direction	South
Photo Taken By	BR

Comments

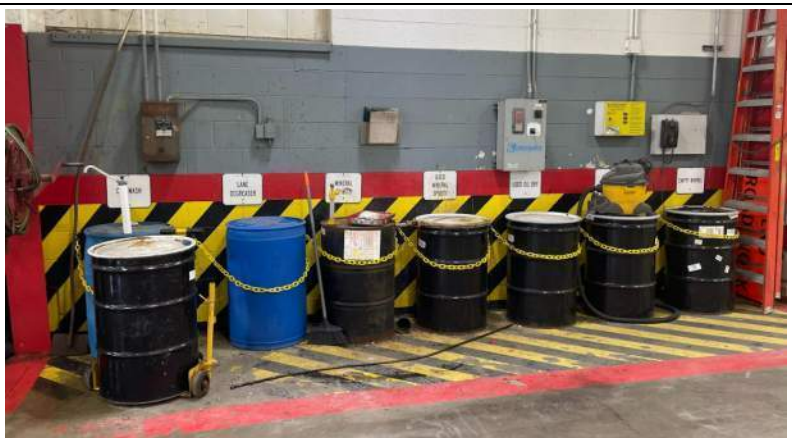
Shop floor



Photo No.	6
Date	11/21/2022
Time	10:37 AM
Direction	West
Photo Taken By	BR

Comments


Hazardous waste storage

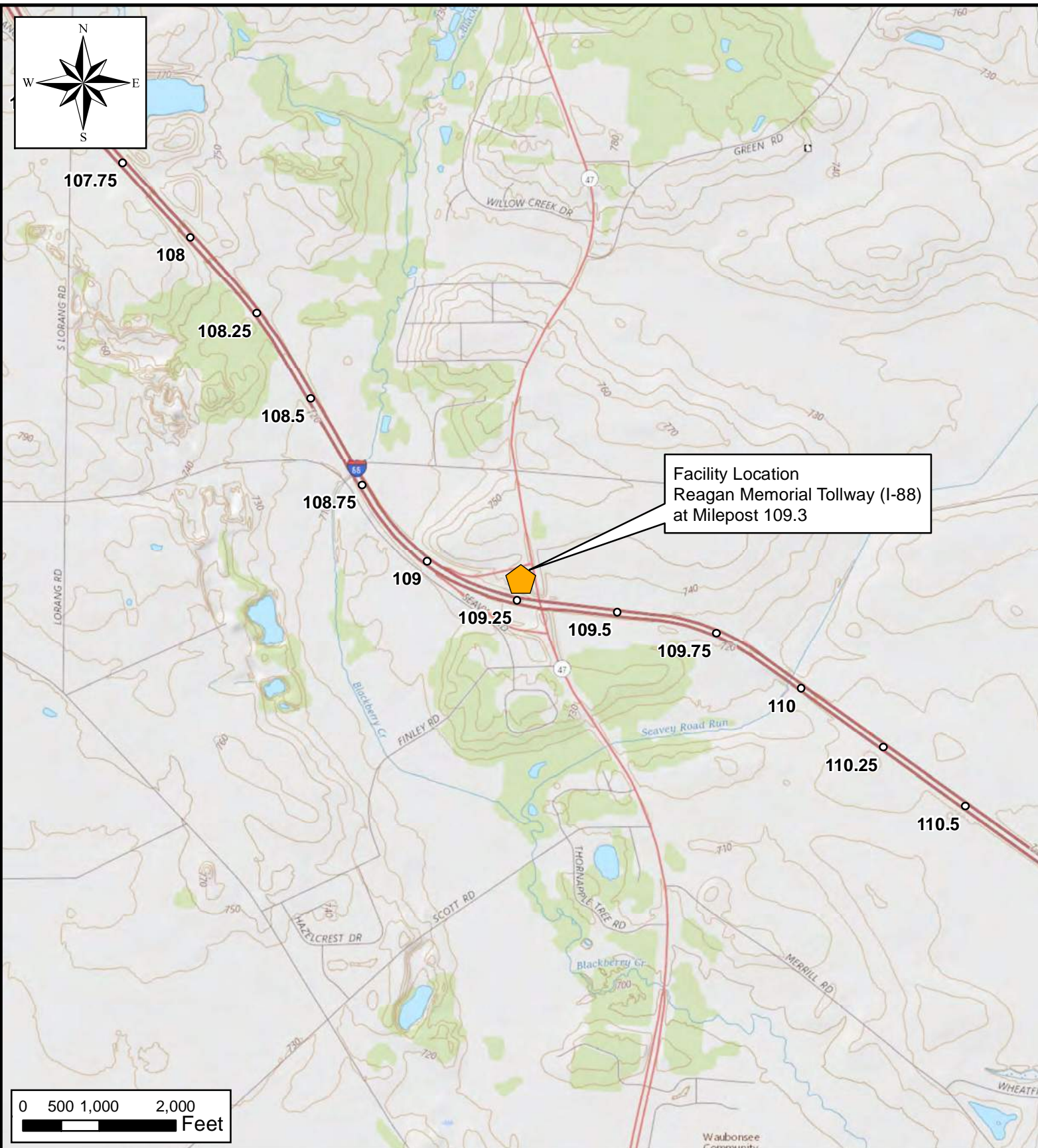
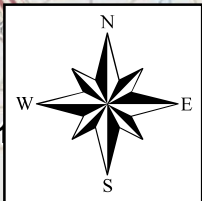


PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-11 Maintenance Facility (DeKalb, IL)
--	--

Photo No.	7	
Date	11/21/2022	
Time	10:35 AM	
Direction	East	
Photo Taken By	BR	
Comments	Flammable Cabinet	

Photo No.	8	
Date	11/21/2022	
Time	10:55 AM	
Direction	East	
Photo Taken By	BR	
Comments	Salt Brine AST	



Illinois State Toll Highway Authority
2700 Ogden Avenue
Downers Grove, IL 60515

Site Location Map IL Route 47 Salt Dome

Illinois Tollway
Storm Water Pollution Prevention Plan

FIGURE NUMBER

10

DRAWN BY

JF

CHECKED BY

BS

DATE









7/25/2018

SHEET NUMBER

1 of 1

GA Team Drives\03 Tech Services\22 NPDES Compliance\8 Annual NPDES Maintenance Facility Report\2018\CD000 Files\DDNs\M11-21.dgn

Legend

-  Radio Tower
-  Storm Drain
-  Transformer
-  Fire Hydrant
-  Surface Runoff
-  Drum Storage
-  Floor Drain (Sanitary)
-  Triple Basin (Sanitary)

Vehicle / Equipment Fueling
Fuel Island
Unleaded / Diesel UST
E-85 AST
Fueling Operations
Bulk Fuel Loading and Unloading

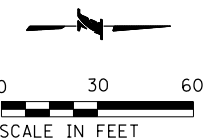
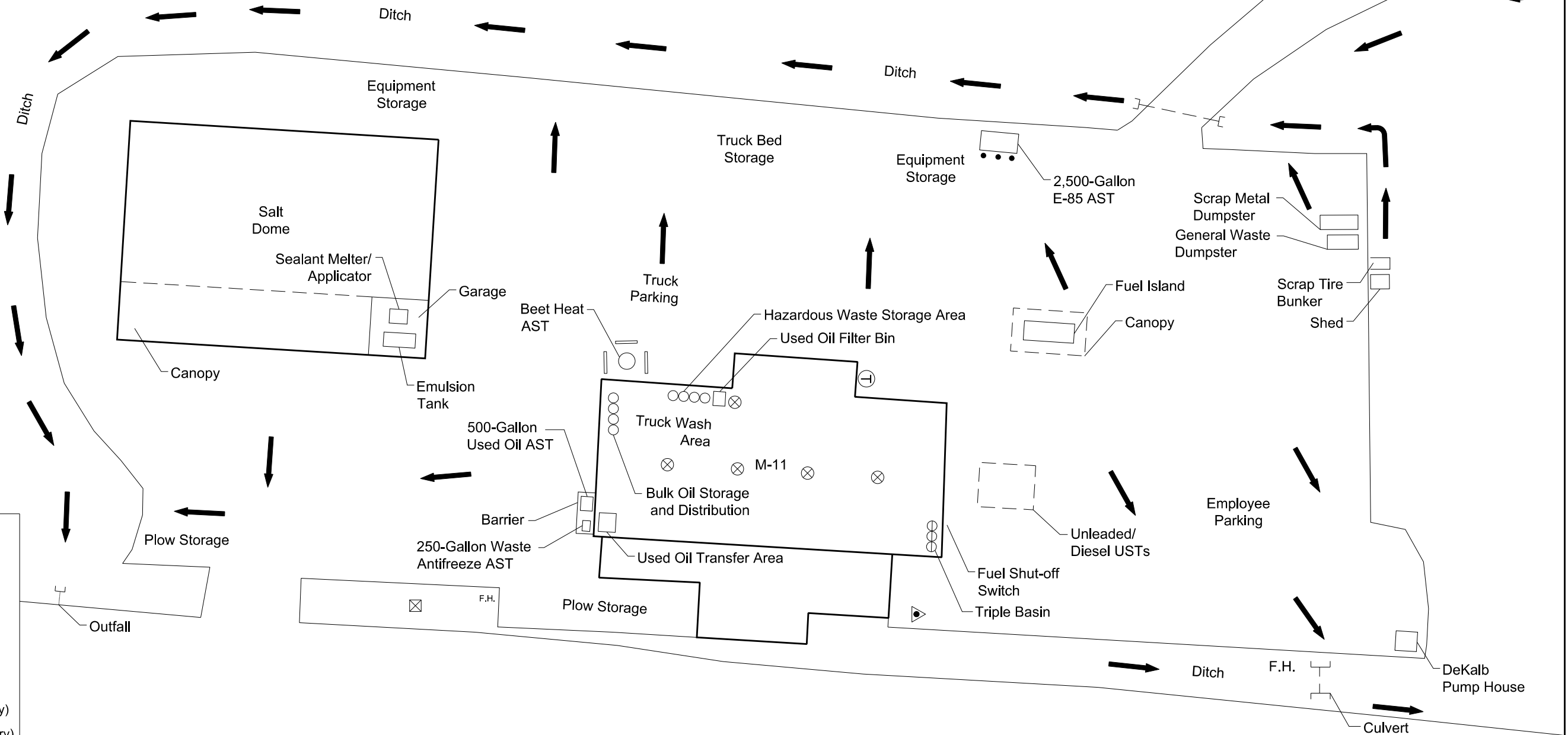
Vehicle / Equipment Repair and Maintenance
Bulk Oil Storage and Distribution
Vehicle and Equipment Washing
Hazardous Material Use and Storage

Waste Accumulation and Storage
Used Oil Filter Bin
Waste Antifreeze AST
Hazardous Waste Accumulation
Waste Oil and Used Antifreeze Transfer
Used Oil AST
General / Municipal Waste Dumpster
Scrap Metal Dumpster
Sweeper Waste
Tire Debris

Oil / Water Separator Maintenance

Equipment and Material Storage
Flammables Storage Cabinet
Salt Spreaders (Hydraulic)
Snow Plow Blades (Hydraulic)
Exterior Truck and Vehicle Parking (Fluid Leaks)
Asphalt Sealant Melter / Applicator Storage
Emulsion AST

Deicing Chemical Storage and Handling
Beet Heat AST
Rock Salt
Bulk Material Handling



DRAWN BY BJR DATE 09/05/2018
CHECKED BY RWS DATE 09/05/2018



REVISIONS		
NO.	DATE	DESCRIPTION

STORMWATER POLLUTION PREVENTION PLAN
MAINTENANCE FACILITY M-11
(DEKALB)

FIGURE 21
DRAWING NO.
1 OF 1

Appendix L

M-11 IL Route 47 Salt Dome (DeKalb, IL)

Combined with M-11
See Appendix K

Mid-Year Inspection (May)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Aaron Lamore

Yard/ Facility: M-11 Salt Dome

Location: Sugar Grove

Date: 5/23/2022

Time: 12:00 PM

Weather Conditions During Inspection: Clear, 63F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Not Applicable
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Not Applicable
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Not Applicable
4	Are empty drums and totes stored in the designated area?	Not Applicable
5	Are the empty drums and totes capped/covered and free of surface residue?	Not Applicable
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Not Applicable
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Not Applicable
10	Are the waste dumpsters covered when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-11 Salt Dome Maintenance Facility

Date: 05/23/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Yes
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Not Applicable
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Not Applicable
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Not Applicable
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Not Applicable
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Not Applicable
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-11 Salt Dome Maintenance Facility

Date: 05/23/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Not Applicable
2	Are the pump and hoses in good condition (no cracks, etc)?	Not Applicable
3	Are the AST valves in the closed position when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Not Applicable
2	Is the AST area free of leaks, stains, spills?	Not Applicable
3	Are the pump and hoses in good condition (no cracks, etc)?	Not Applicable
4	Are the AST valves in the closed position when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Not Applicable
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Not Applicable
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Not Applicable
8	Are used batteries stored indoors or under cover?	Not Applicable
9	Is hazardous waste stored indoors or under cover?	Not Applicable
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Not Applicable
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-11 Salt Dome Maintenance Facility

Date: 5/23/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: 5/23/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-11 Salt Dome Maintenance Facility (Sugar Grove, IL)
--	---

Photo No.	1
Date	5/23/2022
Time	11:43 AM
Direction	South
Photo Taken By	BR

Comments

Above ground fueling station



Photo No.	2
Date	5/23/2022
Time	11:43 AM
Direction	South
Photo Taken By	BR

Comments

Spill kit



Year-End Inspection (November)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Don Ryan

Yard/ Facility: M-11 Salt Dome

Location: Sugar Grove

Date: 11/21/2022

Time: 11:15 AM

Weather Conditions During Inspection: Clear, 45F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Not Applicable
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Not Applicable
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Not Applicable
4	Are empty drums and totes stored in the designated area?	Not Applicable
5	Are the empty drums and totes capped/covered and free of surface residue?	Not Applicable
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Not Applicable
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Not Applicable
10	Are the waste dumpsters covered when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-11 Salt Dome Maintenance Facility

Date: 11/21/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Yes
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Not Applicable
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Not Applicable
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Not Applicable
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Not Applicable
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Not Applicable
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-11 Salt Dome Maintenance Facility

Date: 11/21/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Not Applicable
2	Are the pump and hoses in good condition (no cracks, etc)?	Not Applicable
3	Are the AST valves in the closed position when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Not Applicable
2	Is the AST area free of leaks, stains, spills?	Not Applicable
3	Are the pump and hoses in good condition (no cracks, etc)?	Not Applicable
4	Are the AST valves in the closed position when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Not Applicable
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Not Applicable
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Not Applicable
8	Are used batteries stored indoors or under cover?	Not Applicable
9	Is hazardous waste stored indoors or under cover?	Not Applicable
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Not Applicable
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-11 Salt Dome Maintenance Facility

Date: 11/21/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: **11/21/2022**

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-11 Salt Dome Maintenance Facility (Sugar Grove, IL)
--	---

Photo No.	1
Date	11/21/2022
Time	11:20 AM
Direction	North
Photo Taken By	BR

Comments

Above ground fueling station

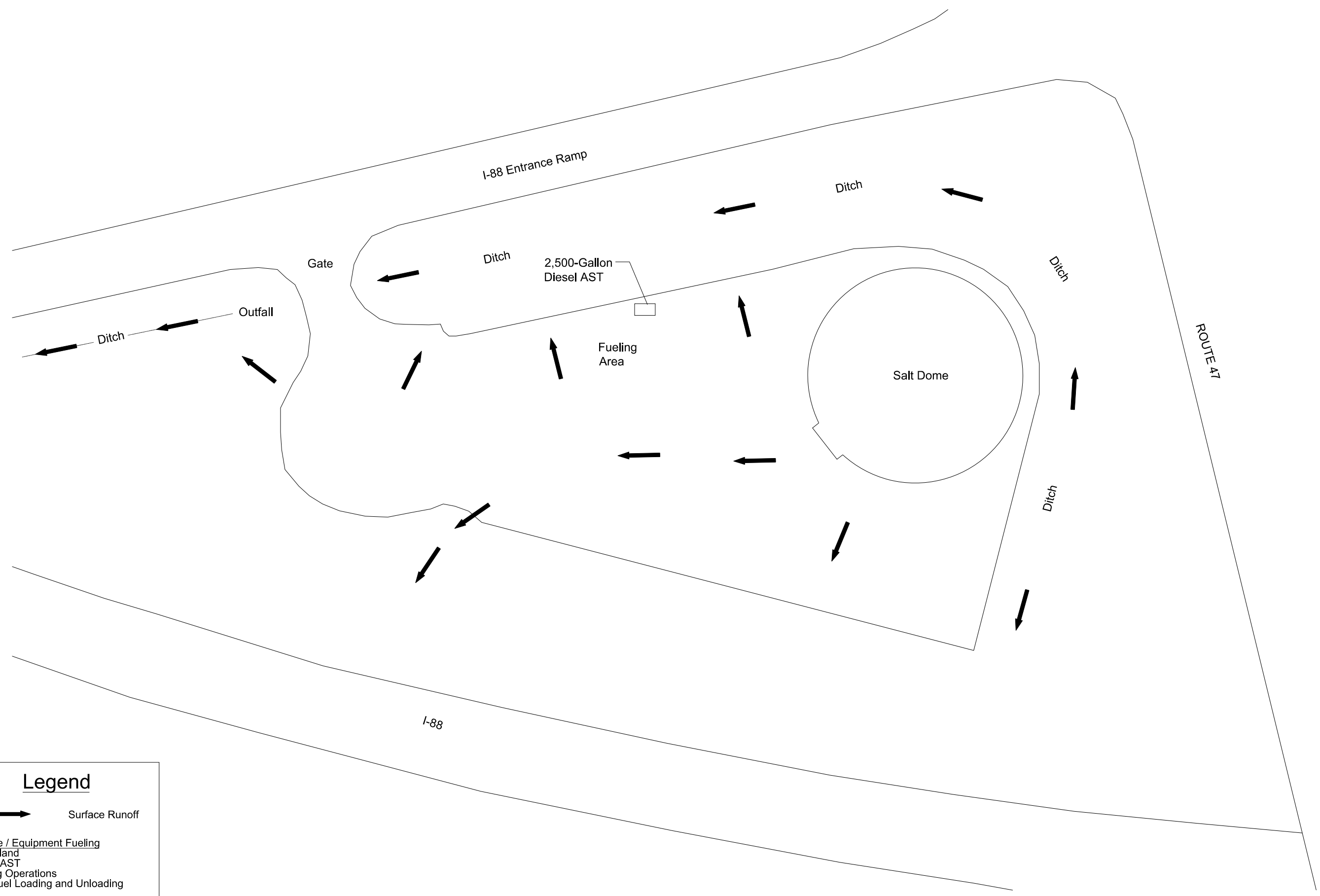
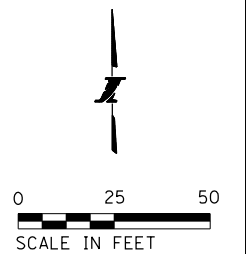


Photo No.	2
Date	11/21/2022
Time	11:20 AM
Direction	North
Photo Taken By	BR

Comments

Spill kit





Legend

Surface Runoff

- Vehicle / Equipment Fueling
- Fuel Island
- Diesel AST
- Fueling Operations
- Bulk Fuel Loading and Unloading
- Deicing Chemical Storage and Handling
- Rock Salt

G:\Team Drives\03 Tech Services\22 NPDES Compliance\8. Annual NPDES Maintenance Facility Report\2018\CADD Files\DDGs\M11SaltDomeDekalb.dgn

DRAWN BY: BJR DATE: 09/05/2018
CHECKED BY: RWS DATE: 09/05/2018



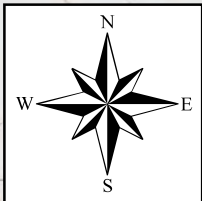
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

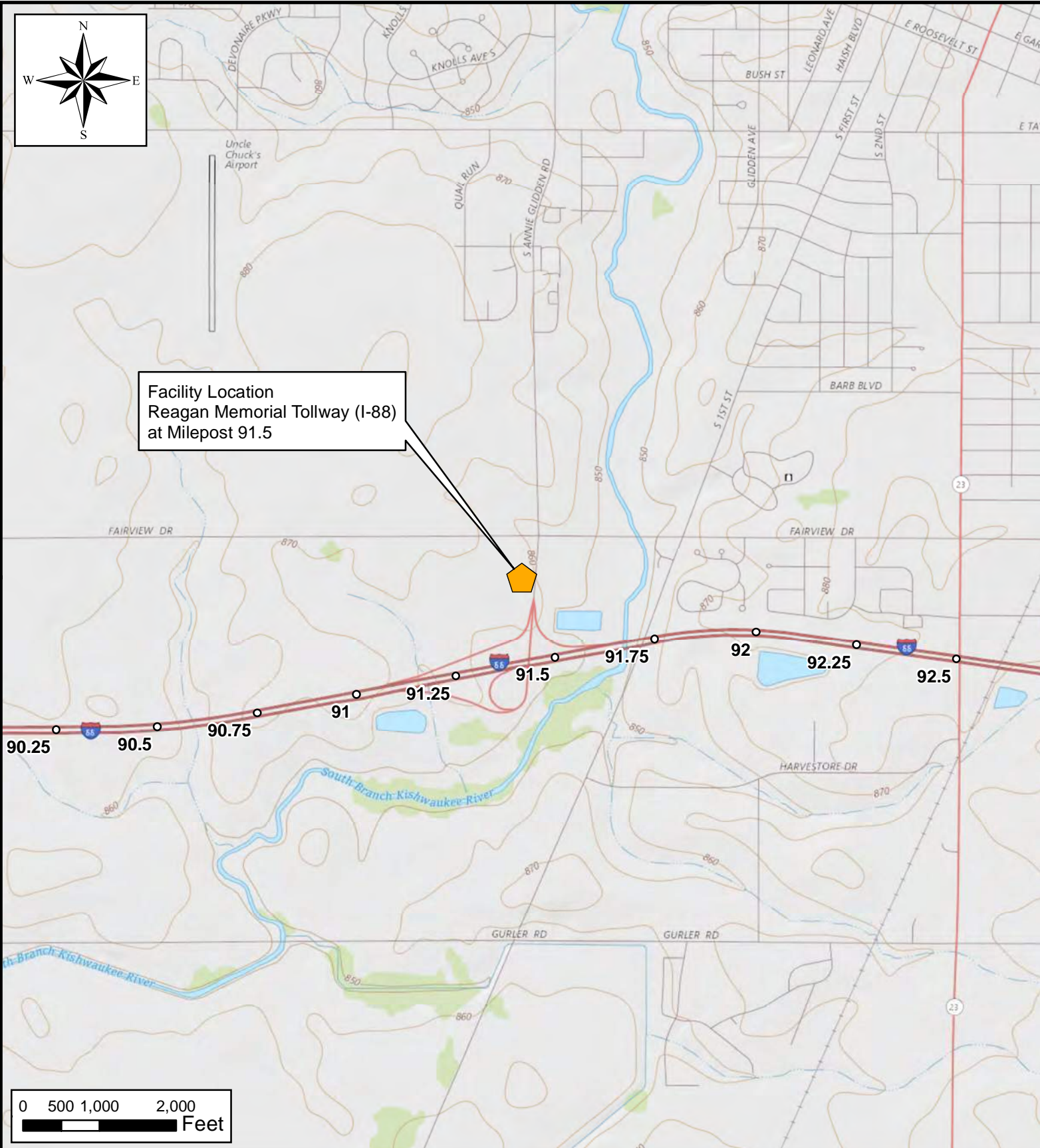
STORMWATER POLLUTION PREVENTION PLAN

M-11 SALT DOME
(DEKALB)

FIGURE
DRAWING NO.
1 OF 1



Facility Location
Reagan Memorial Tollway (I-88)
at Milepost 91.5



0 500 1,000 2,000
Feet

Site Location Map Maintenance Facility M-11 (DeKalb)

Illinois Tollway
Storm Water Pollution Prevention Plan

FIGURE NUMBER

1-1



Illinois State Toll Highway Authority
2700 Ogden Avenue
Downers Grove, IL 60515

DRAWN BY

JF

CHECKED BY

BS

DATE

7/25/2018

SHEET NUMBER

1 of 1



Appendix M

M-12 Maintenance Facility (Dixon, IL)

Mid-Year Inspection (May)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Adam Devine

Yard/ Facility: M-12

Location: Dixon

Date: 5/23/2022

Time: 8:30 AM

Weather Conditions During Inspection: Clear, 55F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Yes
5	Are the empty drums and totes capped/covered and free of surface residue?	Yes
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Yes
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Yes
10	Are the waste dumpsters covered when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-12 Maintenance Facility

Date: 05/23/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Yes
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Yes
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Yes
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Not Applicable
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Yes
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation: <div style="margin-left: 20px;">- Re-label as "Used Oil", see photo #4</div>		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Yes
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-12 Maintenance Facility

Date: 05/23/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Not Applicable
2	Are the pump and hoses in good condition (no cracks, etc)?	Not Applicable
3	Are the AST valves in the closed position when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Salt Brine
2	Is the AST area free of leaks, stains, spills?	Yes
3	Are the pump and hoses in good condition (no cracks, etc)?	Yes
4	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	No
4	Is there a drip pan under the dispensing valve of the emulsion tank?	No
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Yes
8	Are used batteries stored indoors or under cover?	Yes
9	Is hazardous waste stored indoors or under cover?	Yes
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Yes
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:

- Cover emulsion tank, see photo #3
- Place drip pan under emulsion tank valve, see photo #3



Yard/ Facility: M-12 Maintenance Facility

Date: 5/23/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: 5/23/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-12 Maintenance Facility (Dixon, IL)
--	---

Photo No.	1
Date	5/23/2022
Time	8:28 AM
Direction	South
Photo Taken By	BR

Comments

Hazardous material storage area.
Clean, labeled and organized.



Photo No.	2
Date	5/23/2022
Time	8:27 AM
Direction	North
Photo Taken By	BR

Comments

Bulk Oil Distribution Area



PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-12 Maintenance Facility (Dixon, IL)
--	---

Photo No.	3
Date	5/23/2022
Time	8:47 AM
Direction	West
Photo Taken By	BR
Comments	
Action Items: <ol style="list-style-type: none">1. Emulsion tank must be stored undercover or indoors.2. Place drip pan below emulsion tank dispensing valve	





Photo No.	4
Date	5/23/2022
Time	8:40 AM
Direction	West
Photo Taken By	BR
Comments	
Action Item: Re-label as “Used Oil”	


--

Year-End Inspection (November)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Adam Devine

Yard/ Facility: M-12

Location: Dixon

Date: 11/21/2022

Time: 9:00 AM

Weather Conditions During Inspection: CLEAR 36F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Yes
5	Are the empty drums and totes capped/covered and free of surface residue?	Yes
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Yes
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Yes
10	Are the waste dumpsters covered when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-12 Maintenance Facility

Date: 11/21/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Yes
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Yes
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Yes
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Not Applicable
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Yes
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Yes
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:

- Change label to "Used Antifreeze", see photo #3



Yard/ Facility: M-12 Maintenance Facility

Date: 11/21/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Not Applicable
2	Are the pump and hoses in good condition (no cracks, etc)?	Not Applicable
3	Are the AST valves in the closed position when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Salt Brine
2	Is the AST area free of leaks, stains, spills?	Yes
3	Are the pump and hoses in good condition (no cracks, etc)?	Yes
4	Are the AST valves in the closed position when not in use?	No
Notes/Corrective Action Items including schedule for implementation:		
- keep valve in closed position, see photo #1		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Yes
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Yes
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Yes
8	Are used batteries stored indoors or under cover?	Yes
9	Is hazardous waste stored indoors or under cover?	Yes
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Yes
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-12 Maintenance Facility

Date: 11/21/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: : 11/21/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-12 Maintenance Facility (Dixon, IL)
--	---

Photo No.	1
Date	11/21/2022
Time	9:20 AM
Direction	North-West
Photo Taken By	BR

Comments

Action Item: Keep salt brine AST valves in closed position when not in use.



Photo No.	2
Date	11/21/2022
Time	9:05 AM
Direction	South
Photo Taken By	BR

Comments

Hazardous Waste Storage



PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-12 Maintenance Facility (Dixon, IL)
--	---

Photo No.	3
Date	11/21/2022
Time	9:20 AM
Direction	West
Photo Taken By	BR

Comments

Action Item: Change label to "Used Antifreeze"



Photo No.	4
Date	11/21/2022
Time	9:10 AM
Direction	South
Photo Taken By	BR

Comments

Bulk Oil Distribution



PHOTOGRAPHIC LOG



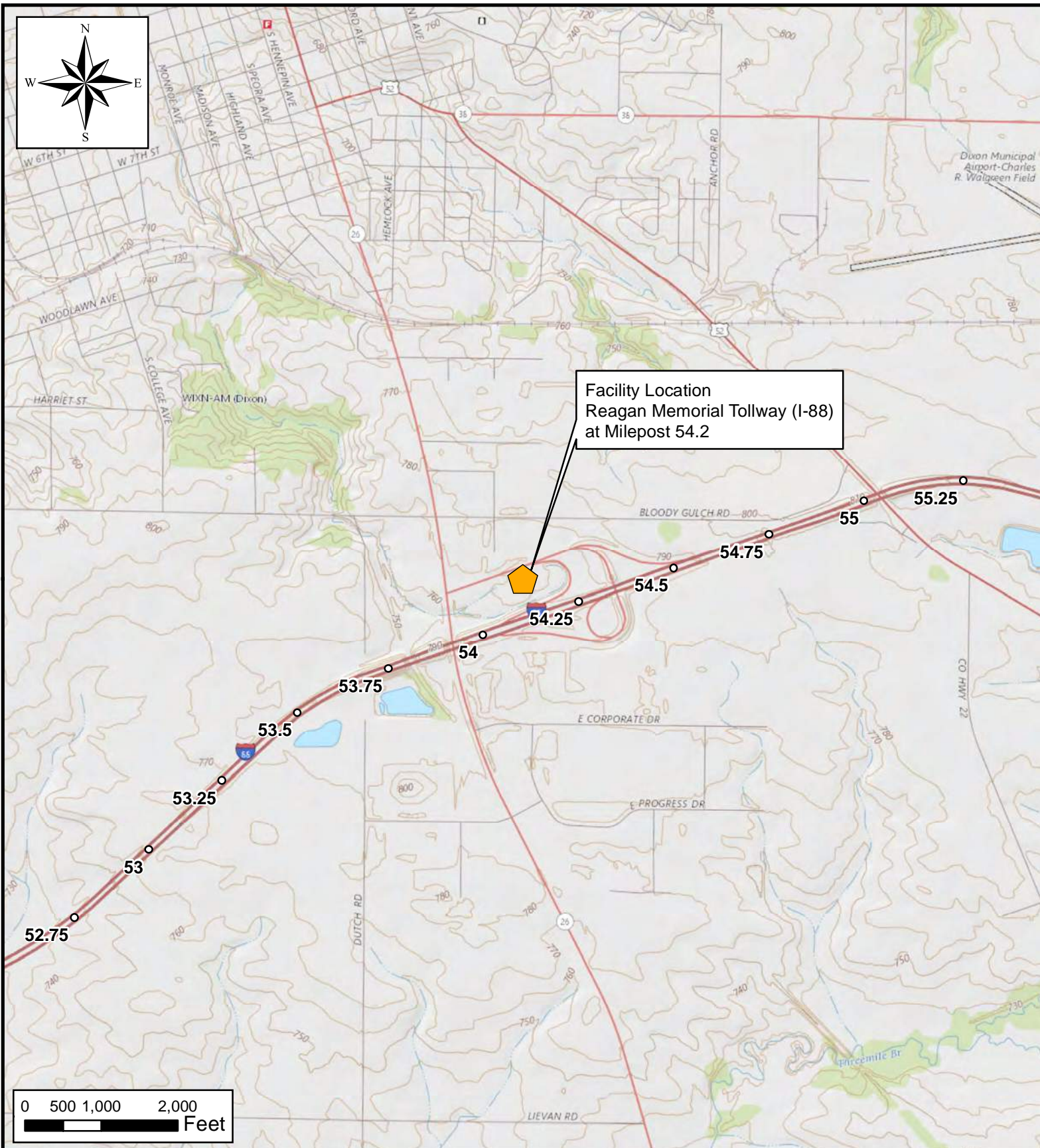
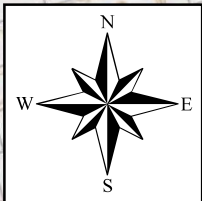
Photo No.	5	
Date	11/21/2022	
Time	9:05 AM	
Direction	South	
Photo Taken By	BR	
Comments	Flammable Cabinets	

Photo No.	6	
Date	11/21/2022	
Time	9:00 AM	
Direction	West	
Photo Taken By	BR	
Comments	Shop floor	

PHOTOGRAPHIC LOG

Photo No.	7	
Date	11/21/2022	
Time	9:15 AM	
Direction	West	
Photo Taken By	BR	
Comments		
Fueling Station		

Photo No.	8	
Date	11/21/2022	
Time	9:20 AM	
Direction	North	
Photo Taken By	BR	
Comments		
Salt Brine AST		



Illinois State Toll Highway Authority
2700 Ogden Avenue
Downers Grove, IL 60515

Site Location Map Maintenance Facility M-12 (Dixon)

Illinois Tollway
Storm Water Pollution Prevention Plan

FIGURE NUMBER

1-J

DRAWN BY

JF

CHECKED BY

BS

DATE

7/25/2018

SHEET NUMBER

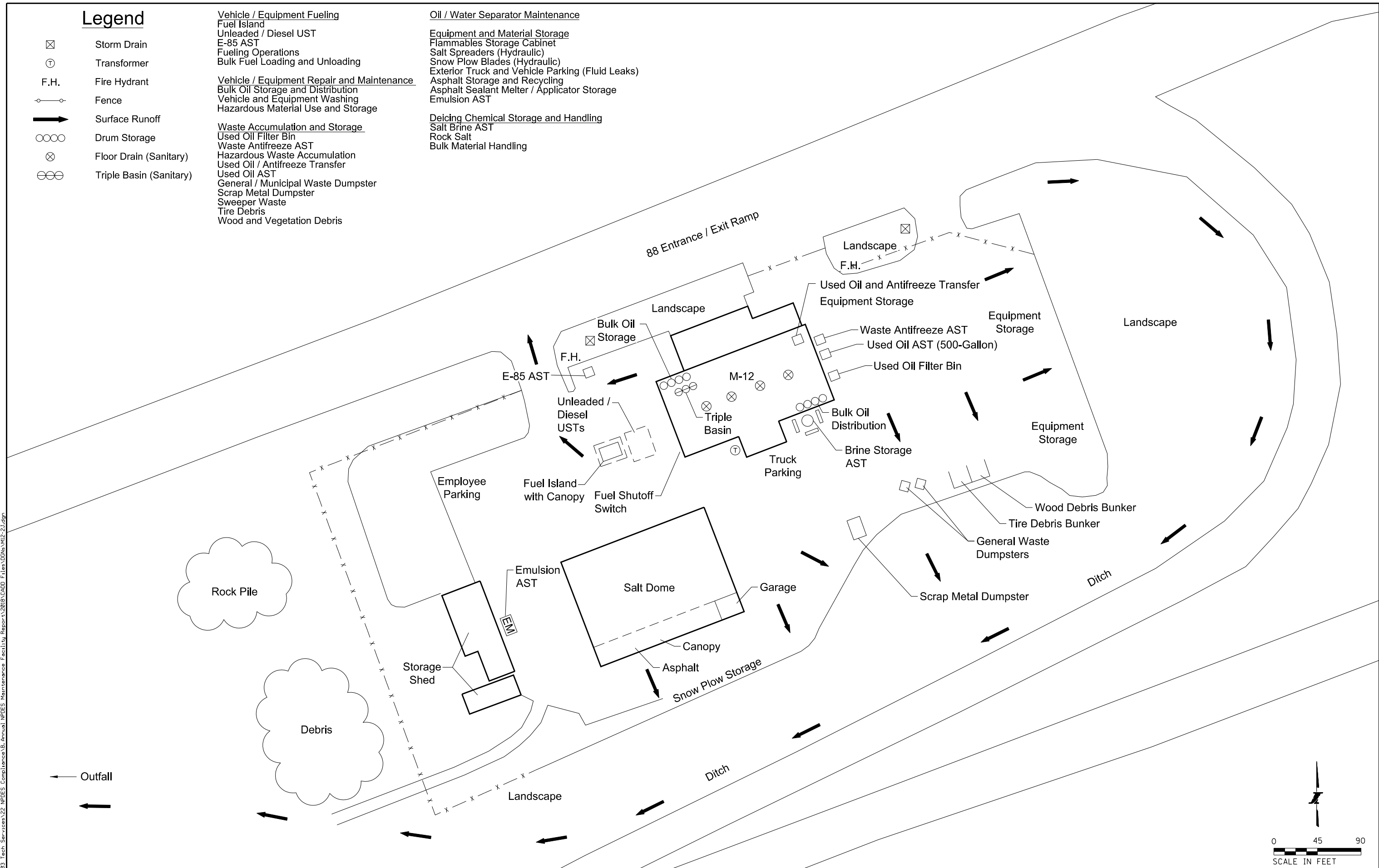
1 of 1

Legend

- ⊠ Storm Drain
- Ⓣ Transformer
- F.H. Fire Hydrant
- Fence
- Surface Runoff
- Drum Storage
- ⊗ Floor Drain (Sanitary)
- ⊗⊗⊗ Triple Basin (Sanitary)

- Vehicle / Equipment Fueling
Fuel Island
Unleaded / Diesel UST
E-85 AST
Fueling Operations
Bulk Fuel Loading and Unloading
- Vehicle / Equipment Repair and Maintenance
Bulk Oil Storage and Distribution
Vehicle and Equipment Washing
Hazardous Material Use and Storage
- Waste Accumulation and Storage
Used Oil Filter Bin
Waste Antifreeze AST
Hazardous Waste Accumulation
Used Oil / Antifreeze Transfer
Used Oil AST
General / Municipal Waste Dumpster
Scrap Metal Dumpster
Sweeper Waste
Tire Debris
Wood and Vegetation Debris

- Oil / Water Separator Maintenance
- Equipment and Material Storage
Flammables Storage Cabinet
Salt Spreaders (Hydraulic)
Snow Plow Blades (Hydraulic)
Exterior Truck and Vehicle Parking (Fluid Leaks)
Asphalt Storage and Recycling
Asphalt Sealant Melter / Applicator Storage
Emulsion AST
- Deicing Chemical Storage and Handling
Salt Brine AST
Rock Salt
Bulk Material Handling



DRAWN BY BJR DATE 09/05/2018
CHECKED BY RWS DATE 09/05/2018

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

STORMWATER POLLUTION PREVENTION PLAN
MAINTENANCE FACILITY M-12
(DIXON)

FIGURE 2J
DRAWING NO.
1 OF 1

Appendix N

M-12 IL Route 251 Salt Dome (Dixon, IL)

Combined with M-12
See Appendix M

Mid-Year Inspection (May)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Philip Peterson

Yard/ Facility: M-12 Salt Dome

Location: Rochelle

Date: 5/23/2022

Time: 9:45 AM

Weather Conditions During Inspection: Clear, 62F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Not Applicable
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Not Applicable
4	Are empty drums and totes stored in the designated area?	Not Applicable
5	Are the empty drums and totes capped/covered and free of surface residue?	Not Applicable
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Not Applicable
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Not Applicable
10	Are the waste dumpsters covered when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-12 Salt Dome Maintenance Facility

Date: 05/23/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Yes
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Not Applicable
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Not Applicable
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Not Applicable
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Not Applicable
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Not Applicable
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-12 Salt Dome Maintenance Facility

Date: 05/23/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Not Applicable
2	Are the pump and hoses in good condition (no cracks, etc)?	Not Applicable
3	Are the AST valves in the closed position when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Not Applicable
2	Is the AST area free of leaks, stains, spills?	Not Applicable
3	Are the pump and hoses in good condition (no cracks, etc)?	Not Applicable
4	Are the AST valves in the closed position when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Not Applicable
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Not Applicable
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Not Applicable
8	Are used batteries stored indoors or under cover?	Not Applicable
9	Is hazardous waste stored indoors or under cover?	Not Applicable
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Not Applicable
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-12 Salt Dome Maintenance Facility

Date: 5/23/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: 5/23/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-12 Salt Dome Maintenance Facility (Rochelle, IL)
--	--



Photo No.	1	
Date	5/23/2022	
Time	9:38 AM	
Direction	South	
Photo Taken By	BR	
Comments		
Aboveground fueling station		

Photo No.	2	
Date	5/23/2022	
Time	9:40 AM	
Direction	South	
Photo Taken By	BR	
Comments		
Spill kit near fueling area		

Year-End Inspection (November)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Adam Devine

Yard/ Facility: M-12 Salt Dome

Location: Rochelle

Date: 11/21/2022

Time: 10:00AM

Weather Conditions During Inspection: Clear, 40F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Not Applicable
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Not Applicable
4	Are empty drums and totes stored in the designated area?	Not Applicable
5	Are the empty drums and totes capped/covered and free of surface residue?	Not Applicable
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Not Applicable
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Not Applicable
10	Are the waste dumpsters covered when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-12 Salt Dome Maintenance Facility

Date: 11/21/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Yes
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Not Applicable
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Not Applicable
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Not Applicable
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Not Applicable
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Not Applicable
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-12 Salt Dome Maintenance Facility

Date: 11/21/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Not Applicable
2	Are the pump and hoses in good condition (no cracks, etc)?	Not Applicable
3	Are the AST valves in the closed position when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Not Applicable
2	Is the AST area free of leaks, stains, spills?	Not Applicable
3	Are the pump and hoses in good condition (no cracks, etc)?	Not Applicable
4	Are the AST valves in the closed position when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Not Applicable
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Not Applicable
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Not Applicable
8	Are used batteries stored indoors or under cover?	Not Applicable
9	Is hazardous waste stored indoors or under cover?	Not Applicable
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Not Applicable
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-12 Salt Dome Maintenance Facility

Date: 11/21/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: 11/21/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-12 Salt Dome Maintenance Facility (Rochelle, IL)
--	--



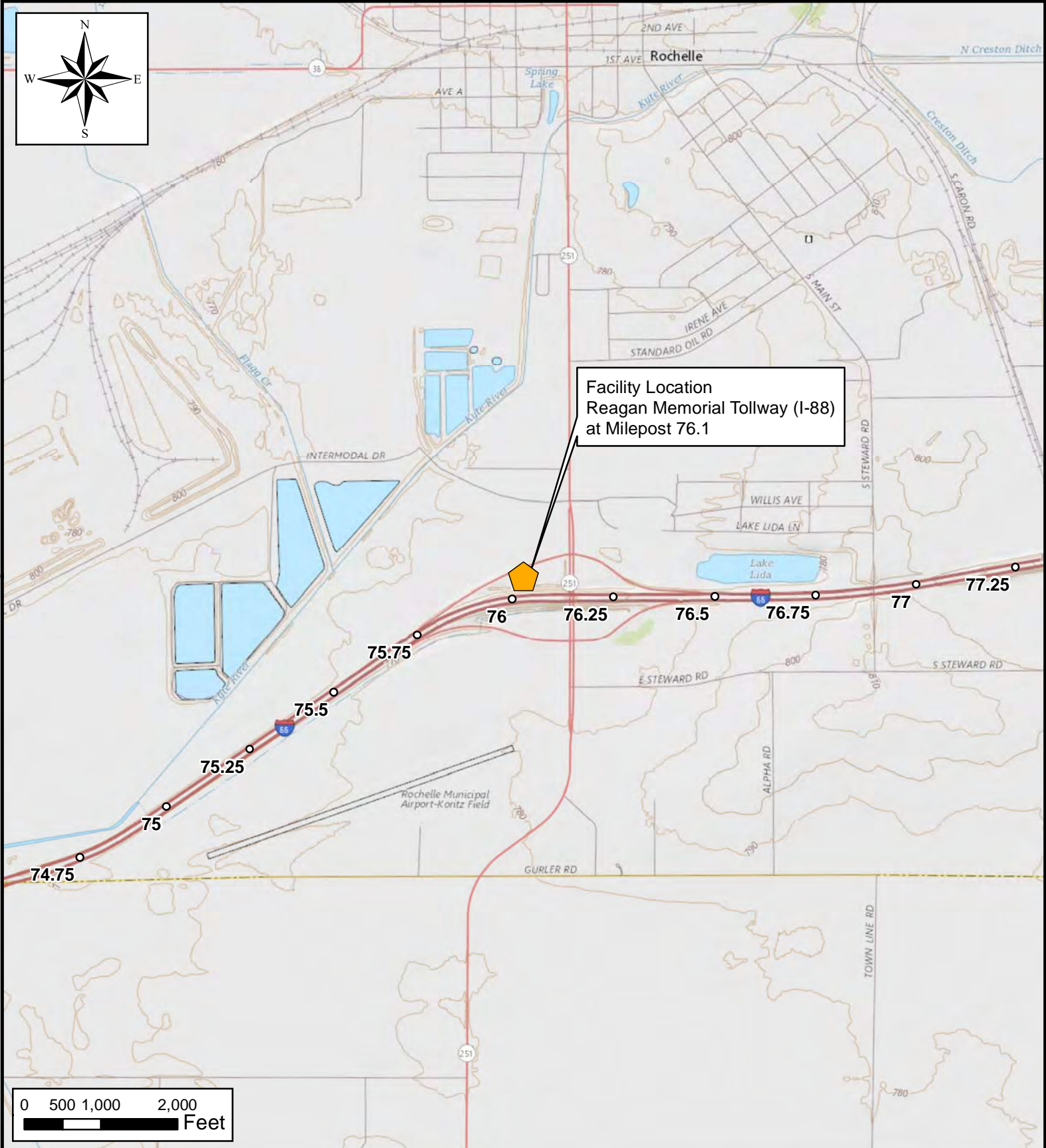
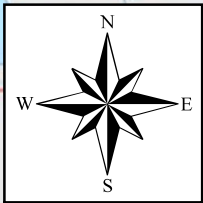
Photo No.	1	
Date	11/21/2022	
Time	10:00 AM	
Direction	South	
Photo Taken By	BR	
Comments		
Aboveground fueling station		

Photo No.	2	
Date	11/21/2022	
Time	10:05 AM	
Direction	South	
Photo Taken By	BR	
Comments		
Spill kit near fueling area		



Illinois State Toll Highway Authority
2700 Ogden Avenue
Downers Grove, IL 60515

Site Location Map IL Route 251 Salt Dome

Illinois Tollway
Storm Water Pollution Prevention Plan

FIGURE NUMBER

1N

DRAWN BY

JF

CHECKED BY

BS

DATE

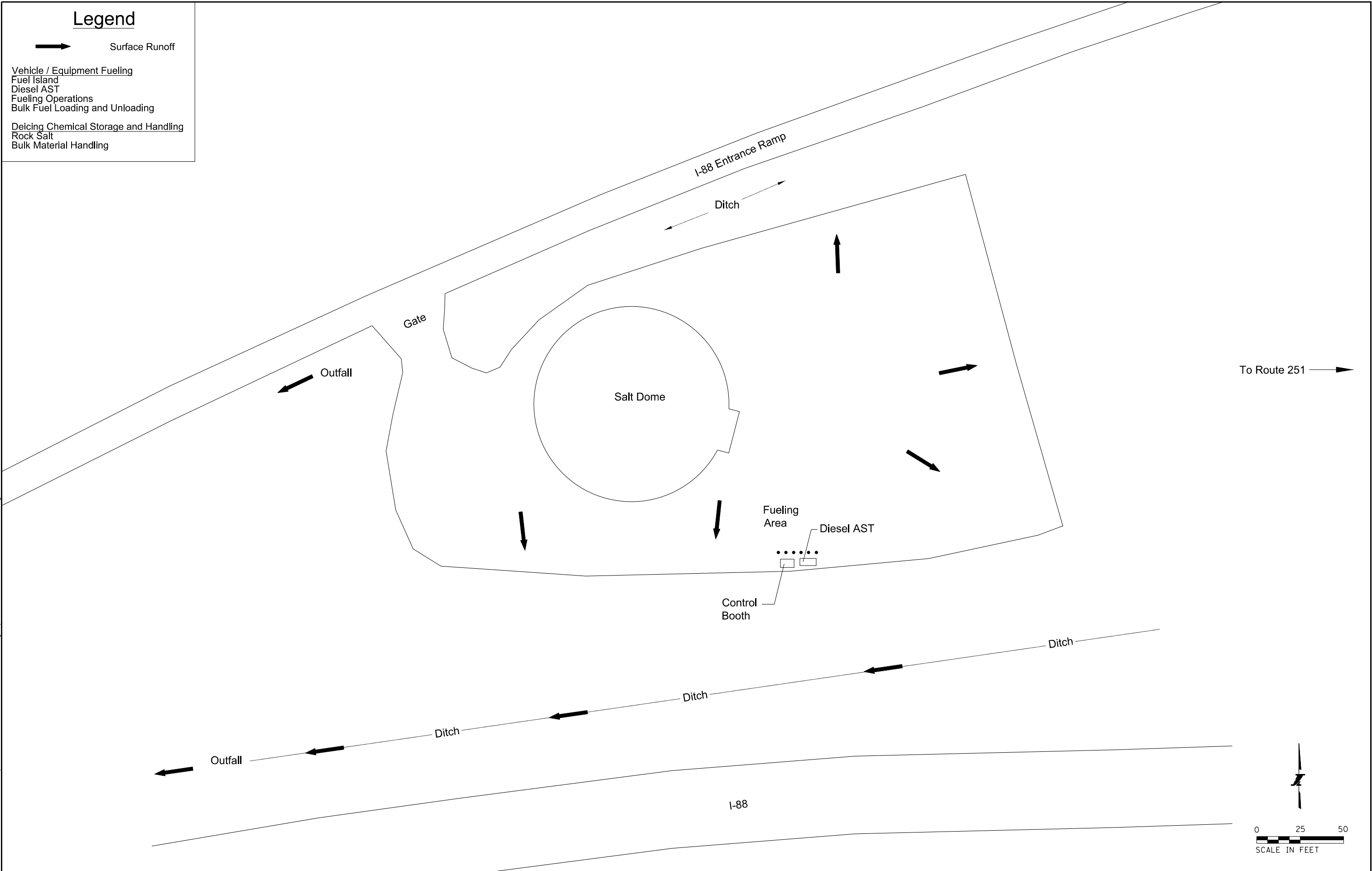
7/25/2018

SHEET NUMBER

1 of 1

Legend

- Surface Runoff
- Vehicle / Equipment Fueling
 - Fuel Island
 - Diesel AST
 - Fueling Operations
 - Bulk Fuel Loading and Unloading
- Deicing Chemical Storage and Handling
 - Rock Salt
 - Bulk Material Handling



G:\Team Drives\03 Tech Services\22 NPDES Compliance\8 Annual NPDES Maintenance Facility Report\2018\CADD Files\DDNs\M12SaltDome.dgn

DRAWN BY	BJR	DATE	09/05/2018
CHECKED BY	RWS	DATE	09/05/2018



THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

STORMWATER POLLUTION PREVENTION PLAN
M-12 SALT DOME (ROCHELLE)

FIGURE 2N
DRAWING NO. 1 OF 1



Appendix O

M-14 Maintenance Facility

Mid-Year Inspection (May)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Michael Kugach

Yard/ Facility: M-14

Location: Downers Grove

Date: 5/18/2022

Time: 8:10 AM

Weather Conditions During Inspection: Cloudy, 54F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Not Applicable
5	Are the empty drums and totes capped/covered and free of surface residue?	Not Applicable
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Yes
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Yes
10	Are the waste dumpsters covered when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Not Applicable
5	Are the level gauges working properly (regular documented system checks conducted)?	Not Applicable
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Not Applicable
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Not Applicable
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-14 Maintenance Facility

Date: 05/18/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Not Applicable
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Yes
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Yes
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Yes
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Yes
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Yes
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	No
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Yes
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Yes
Notes/Corrective Action Items including schedule for implementation: - Corrosion on used oil AST and no label, see picture #1		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Yes
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-14 Maintenance Facility

Date: 05/18/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Yes
2	Are the pump and hoses in good condition (no cracks, etc)?	Yes
3	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Salt Brine
2	Is the AST area free of leaks, stains, spills?	Yes
3	Are the pump and hoses in good condition (no cracks, etc)?	Yes
4	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Yes
3	Is the emulsion tank stored indoors or under cover when not in use?	Yes
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Yes
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Yes
8	Are used batteries stored indoors or under cover?	Yes
9	Is hazardous waste stored indoors or under cover?	Not Applicable
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Yes
11	Is there accumulated rainwater within any secondary containment?	No
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	No
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-14 Maintenance Facility

Date: 5/18/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: 5/18/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-14 Maintenance Facility (Downers Grove, IL)
--	---

Photo No.	1
Date	5/18/2022
Time	8:20 AM
Direction	East
Photo Taken By	BR

Comments

Action Item: Used oil tank is showing moderate corrosion. Replace with new tank and label as "Used Oil".



Photo No.	2
Date	5/18/2022
Time	8:12 AM
Direction	South
Photo Taken By	BR

Comments

Bulk oil distribution area



PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-14 Maintenance Facility (Downers Grove, IL)
--	---



Photo No.	3	
Date	5/18/2022	
Time	8:30 AM	
Direction	West	
Photo Taken By	BR	
Comments Hydraulic lines capped and wrapped		

Photo No.	4	
Date	5/18/2022	
Time	8:25 AM	
Direction	South	
Photo Taken By	BR	
Comments Spill kit near fueling station		

PHOTOGRAPHIC LOG

Project Description / Location:		Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-14 Maintenance Facility (Downers Grove, IL)
Photo No.	5	
Date	5/18/2022	
Time	8:26 AM	
Direction	West	
Photo Taken By	BR	
Comments		
Salt spilling out of salt dome. Salt was covered during inspection.		

Year-End Inspection (November)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Michael Kugach

Yard/ Facility: M-14

Location: Downers Grove

Date: 11/30/2022

Time: 11:00 AM

Weather Conditions During Inspection: Cloudy, 27F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Not Applicable
5	Are the empty drums and totes capped/covered and free of surface residue?	Not Applicable
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Yes
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Yes
10	Are the waste dumpsters covered when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Not Applicable
5	Are the level gauges working properly (regular documented system checks conducted)?	Not Applicable
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Not Applicable
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Not Applicable
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-14 Maintenance Facility

Date: 11/30/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Not Applicable
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	No
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Yes
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Yes
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Yes
Notes/Corrective Action Items including schedule for implementation: - Cap/cover plow hydraulic lines, see photo #2		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Yes
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Yes
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Yes
Notes/Corrective Action Items including schedule for implementation: - Label used oil AST "Used Oil", see photo #1		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Yes
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:

- Label antifreeze storage as "Used antifreeze", see photo #3



Yard/ Facility: M-14 Maintenance Facility

Date: 11/30/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Yes
2	Are the pump and hoses in good condition (no cracks, etc)?	Yes
3	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Salt Brine
2	Is the AST area free of leaks, stains, spills?	Yes
3	Are the pump and hoses in good condition (no cracks, etc)?	Yes
4	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Yes
3	Is the emulsion tank stored indoors or under cover when not in use?	Yes
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Yes
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Yes
8	Are used batteries stored indoors or under cover?	Yes
9	Is hazardous waste stored indoors or under cover?	Not Applicable
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Yes
11	Is there accumulated rainwater within any secondary containment?	No
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	No
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-14 Maintenance Facility

Date: 11/30/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: **11/30/2022**

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-14 Maintenance Facility (Downers Grove, IL)
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Photo No.	1
Date	11/30/2022
Time	11:10 AM
Direction	East
Photo Taken By	BR

Comments

Used Oil tank has been repainted since May visit.

Action Item: Replace with new tank and label as "Used Oil".



Photo No.	2
Date	11/30/2022
Time	11:15 AM
Direction	North
Photo Taken By	BR

Comments

Action Item: Cap/wrap plow hydraulic lines when not in use



PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-14 Maintenance Facility (Downers Grove, IL)
--	---

Photo No.	3
Date	11/30/2022
Time	11:10 AM
Direction	South
Photo Taken By	BR

Comments

Action Item: Label as "Used Antifreeze"



Photo No.	4
Date	11/30/2022
Time	11:20 AM
Direction	South
Photo Taken By	BR

Comments

Spill kit near fueling station



PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-14 Maintenance Facility (Downers Grove, IL)
--	---


Photo No.	5
Date	11/30/2022
Time	11:05 AM
Direction	South
Photo Taken By	BR
Comments	Bulk oil storage

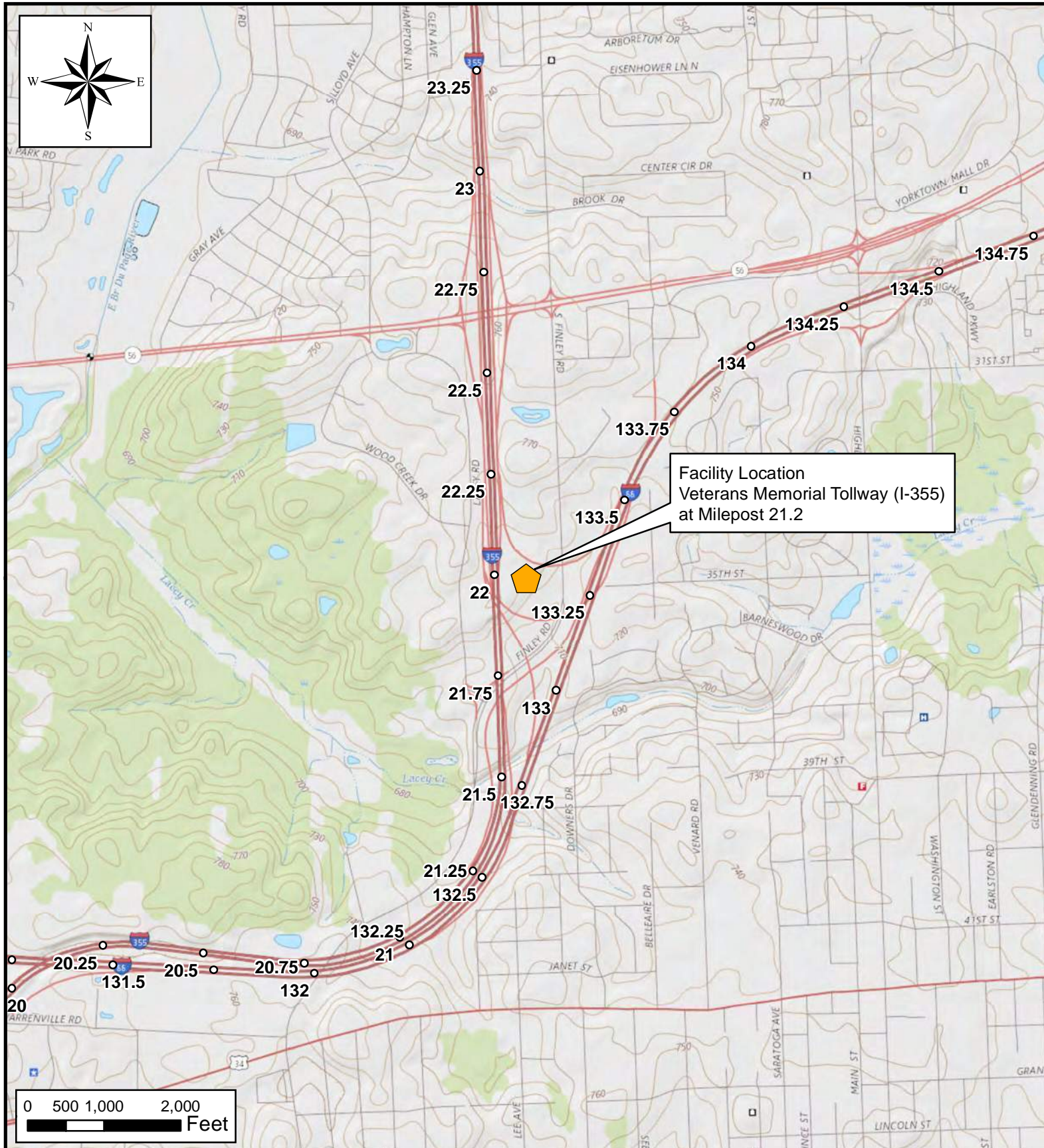


Photo No.	6
Date	11/30/2022
Time	11:05 AM
Direction	South
Photo Taken By	BR
Comments	Hazardous waste storage



PHOTOGRAPHIC LOG

Project Description / Location:		Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-14 Maintenance Facility (Downers Grove, IL)
Photo No.	7	
Date	11/30/2022	
Time	11:25 AM	
Direction	West	
Photo Taken By	BR	
Comments		
Calcium Chloride and Salt Brine AST		



Illinois State Toll Highway Authority
2700 Ogden Avenue
Downers Grove, IL 60515

Site Location Map
Maintenance Facility M-14 (Downers Grove)
Central Support
Illinois Tollway
Storm Water Pollution Prevention Plan

FIGURE NUMBER

1-K

SHEET NUMBER

1 of 1

DRAWN BY

JF

CHECKED BY

BS

DATE

7/25/2018

GA:Team Drives\03 Tech Services\22 NPDES Compliance\8 Annual NPDES Maintenance Facility Report\2018\CA000 Files\DDNs\M14-2K.dgn

Vehicle / Equipment Fueling
Fuel Island
Unleaded / Diesel / E-85 UST
Diesel AST
Fueling Operations
Bulk Fuel Loading and Unloading

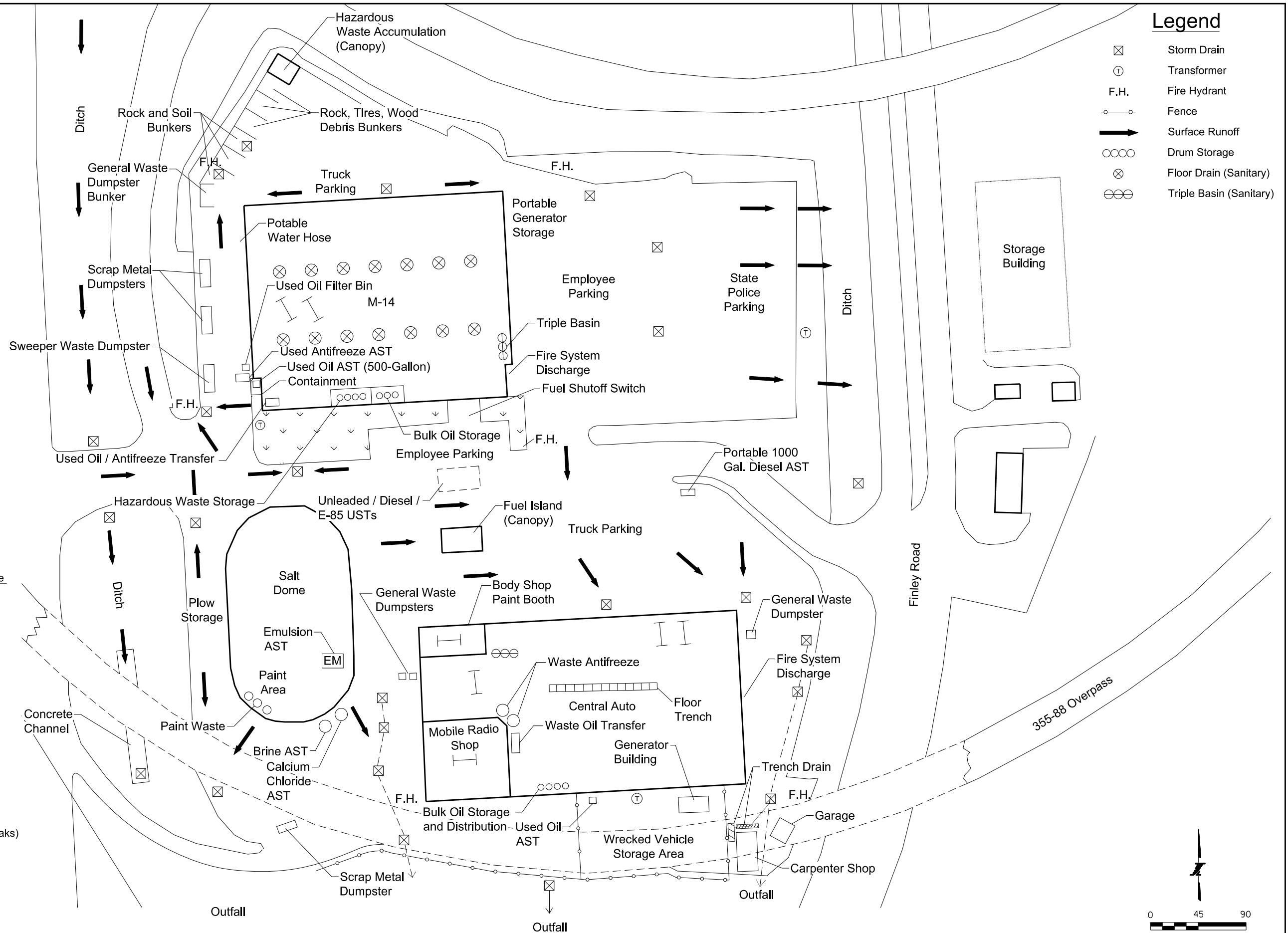
Vehicle / Equipment Repair and Maintenance
Bulk Oil Storage and Distribution
Vehicle and Equipment Washing
Sandblasting
Equipment Painting
Hazardous Material Use and Storage

Waste Accumulation and Storage
Used Oil Filter Bin
Waste Antifreeze AST
Hazardous Waste Accumulation
Waste Oil and Used Antifreeze Transfer
Used Oil AST
General / Municipal Waste Dumpster
Scrap Metal Dumpster
Sweeper Waste
Tire Debris
Wood and Vegetation Debris

Oil / Water Separator Maintenance

Equipment and Material Storage
Flammables Storage Cabinet
Salt Spreaders (Hydraulic)
Snow Plow Blades (Hydraulic)
Exterior Truck and Vehicle Parking (Fluid Leaks)
Damaged Vehicle Parking (Fluid Leaks)
Bulk Aggregate Storage
Asphalt Storage and Recycling
Asphalt Sealant Melter / Applicator Storage
Emulsion AST

Deicing Chemical Storage and Handling
Calcium Chloride AST
Salt Brine AST
Rock Salt
Bulk Material Handling



DRAWN BY BJR DATE 09/05/2018
CHECKED BY RWS DATE 09/05/2018



THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

STORMWATER POLLUTION PREVENTION PLAN
M-14 MAINTENANCE FACILITY AND
CENTRAL GARAGE (DOWNERS GROVE)

FIGURE 2K
DRAWING NO.
1 OF 1



Appendix P

M-14 Central Support Facility (Downers Grove, IL)

Mid-Year Inspection (May)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Tom Lesniak, Shawn Lynch

Yard/ Facility: M-14 Central Garage

Location: Downers Grove

Date: 5/18/2022

Time: 9:20 AM

Weather Conditions During Inspection: Light Rain, 54F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Yes
5	Are the empty drums and totes capped/covered and free of surface residue?	Yes
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Not Applicable
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Yes
10	Are the waste dumpsters covered when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Not Applicable
2	Is a spill kit located nearby?	Not Applicable
3	Are the pumps in good condition?	Not Applicable
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Not Applicable
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Not Applicable
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-14 Central Garage Maintenance Facility

Date: 05/18/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Not Applicable
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Not Applicable
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Not Applicable
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Not Applicable
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Yes
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation: - Re-label as "Used Oil", see photo #2		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Not Applicable
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-14 Central Garage Maintenance Facility

Date: 05/18/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Not Applicable
2	Are the pump and hoses in good condition (no cracks, etc)?	Not Applicable
3	Are the AST valves in the closed position when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Not Applicable
2	Is the AST area free of leaks, stains, spills?	Not Applicable
3	Are the pump and hoses in good condition (no cracks, etc)?	Not Applicable
4	Are the AST valves in the closed position when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Not Applicable
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Not Applicable
5	Is the bulk salt loading and unloading area generally free of residual salt?	Not Applicable
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Yes
8	Are used batteries stored indoors or under cover?	Yes
9	Is hazardous waste stored indoors or under cover?	Not Applicable
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Not Applicable
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-14 Central Garage Maintenance Facility

Date: 5/18/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*


Date: 5/18/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-14 Central Garage Maintenance Facility (Downers Grove, IL)
--	--

Photo No.	1	
Date	5/18/2022	
Time	9:30 AM	
Direction	South	
Photo Taken By	BR	
Comments		
Bulk oil distribution area		

Photo No.	2	
Date	5/18/2022	
Time	9:40 AM	
Direction	North	
Photo Taken By	BR	
Comments		
Action Item: Re-label as "Used Oil"		

Year-End Inspection (November)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Tom Lesniak, Shawn Lynch

Yard/ Facility: M-14 Central Garage

Location: Downers Grove

Date: 11/30/2022

Time: 11:20 AM

Weather Conditions During Inspection: Cloudy, 27F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Yes
5	Are the empty drums and totes capped/covered and free of surface residue?	Yes
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Not Applicable
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Yes
10	Are the waste dumpsters covered when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Not Applicable
2	Is a spill kit located nearby?	Not Applicable
3	Are the pumps in good condition?	Not Applicable
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Not Applicable
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Not Applicable
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-14 Central Garage Maintenance Facility

Date: 11/30/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Not Applicable
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Not Applicable
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Not Applicable
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Not Applicable
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Yes
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation: - Re-label as "Used Oil", see photo #		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Not Applicable
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-14 Central Garage Maintenance Facility

Date: 11/30/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Not Applicable
2	Are the pump and hoses in good condition (no cracks, etc)?	Not Applicable
3	Are the AST valves in the closed position when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Not Applicable
2	Is the AST area free of leaks, stains, spills?	Not Applicable
3	Are the pump and hoses in good condition (no cracks, etc)?	Not Applicable
4	Are the AST valves in the closed position when not in use?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Not Applicable
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Not Applicable
5	Is the bulk salt loading and unloading area generally free of residual salt?	Not Applicable
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Yes
8	Are used batteries stored indoors or under cover?	Yes
9	Is hazardous waste stored indoors or under cover?	Not Applicable
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Not Applicable
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-14 Central Garage Maintenance Facility

Date: 11/30/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: 11/30/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-14 Central Garage Maintenance Facility (Downers Grove, IL)
--	--

Photo No.	1
Date	11/30/2022
Time	11:45 AM
Direction	North
Photo Taken By	BR

Comments

Action Item: Replace "Waste Oil" label with "Used Oil"



Photo No.	2
Date	11/30/2022
Time	11:40 AM
Direction	South
Photo Taken By	BR

Comments

Bulk oil storage



PHOTOGRAPHIC LOG


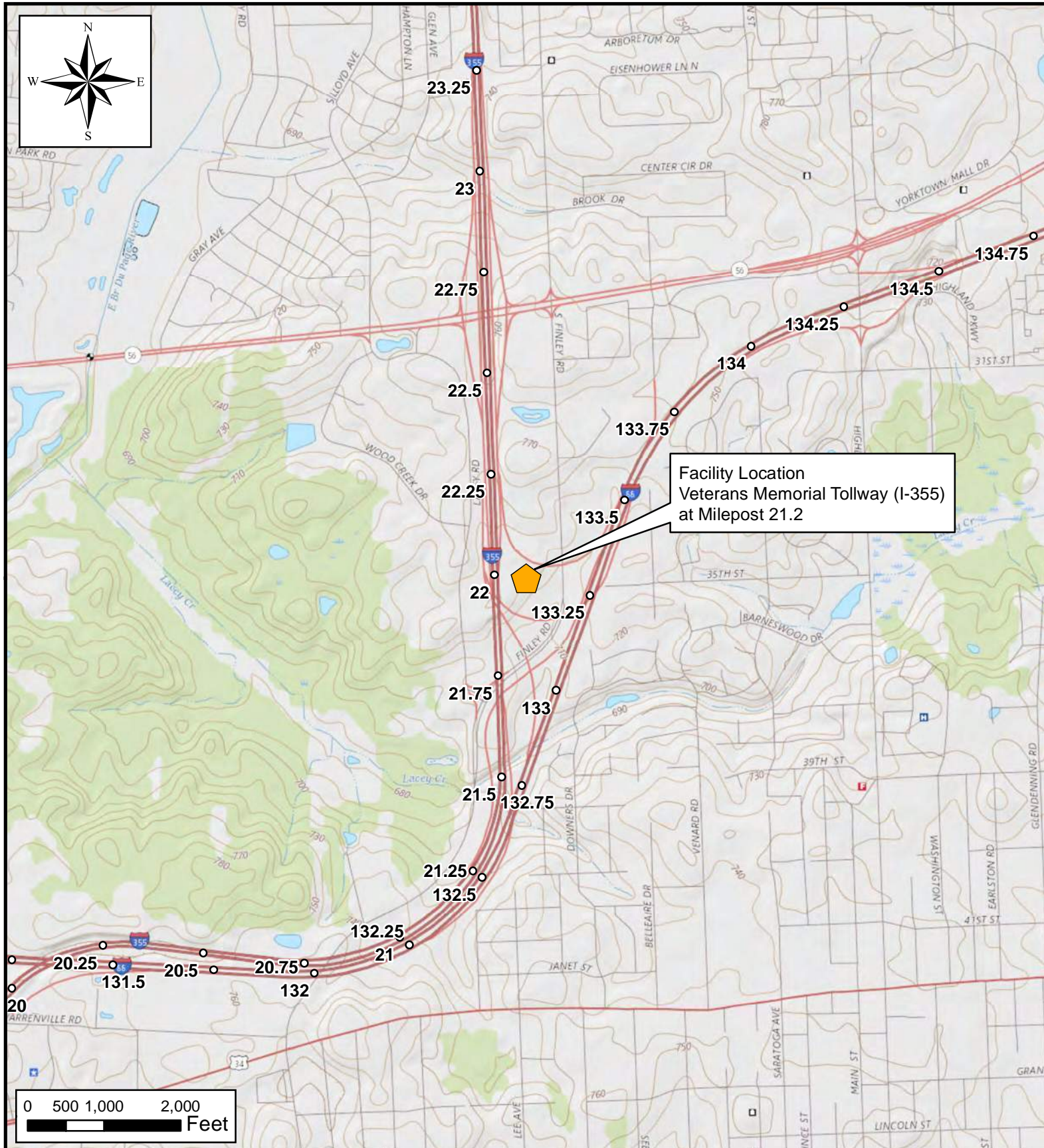
Photo No.	3	
Date	11/30/2022	
Time	11:30 AM	
Direction	East	
Photo Taken By	BR	
Comments		
Shop floor		

Photo No.	4	
Date	11/30/2022	
Time	11:30 AM	
Direction	East	
Photo Taken By	BR	
Comments		
General waste dumpsters		




Illinois State Toll Highway Authority
2700 Ogden Avenue
Downers Grove, IL 60515

Site Location Map Maintenance Facility M-14 (Downers Grove) Central Support Illinois Tollway Storm Water Pollution Prevention Plan		
DRAWN BY	CHECKED BY	DATE
JF	BS	7/25/2018

FIGURE NUMBER
1-K
SHEET NUMBER
1 of 1

GA:Team Drives\03 Tech Services\22 NPDES Compliance\8 Annual NPDES Maintenance Facility Report\2018\CA000 Files\DDNs\M14-2K.dgn

Vehicle / Equipment Fueling
Fuel Island
Unleaded / Diesel / E-85 UST
Diesel AST
Fueling Operations
Bulk Fuel Loading and Unloading

Vehicle / Equipment Repair and Maintenance
Bulk Oil Storage and Distribution
Vehicle and Equipment Washing
Sandblasting
Equipment Painting
Hazardous Material Use and Storage

Waste Accumulation and Storage
Used Oil Filter Bin
Waste Antifreeze AST
Hazardous Waste Accumulation
Waste Oil and Used Antifreeze Transfer
Used Oil AST
General / Municipal Waste Dumpster
Scrap Metal Dumpster
Sweeper Waste
Tire Debris
Wood and Vegetation Debris

Oil / Water Separator Maintenance

Equipment and Material Storage
Flammables Storage Cabinet
Salt Spreaders (Hydraulic)
Snow Plow Blades (Hydraulic)
Exterior Truck and Vehicle Parking (Fluid Leaks)
Damaged Vehicle Parking (Fluid Leaks)
Bulk Aggregate Storage
Asphalt Storage and Recycling
Asphalt Sealant Melter / Applicator Storage
Emulsion AST

Deicing Chemical Storage and Handling
Calcium Chloride AST
Salt Brine AST
Rock Salt
Bulk Material Handling

DRAWN BY BJR DATE 09/05/2018
CHECKED BY RWS DATE 09/05/2018

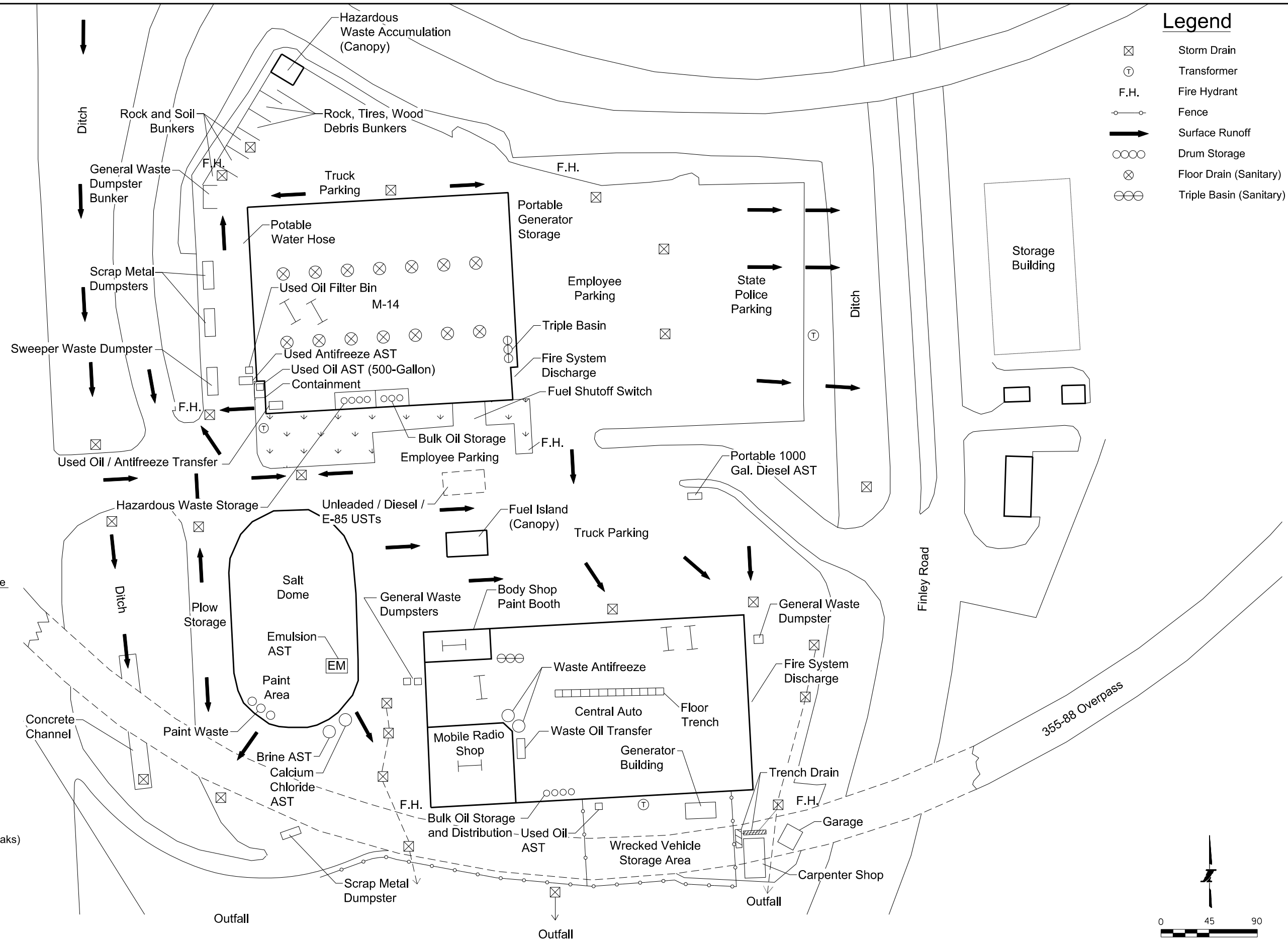


THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

STORMWATER POLLUTION PREVENTION PLAN
M-14 MAINTENANCE FACILITY AND
CENTRAL GARAGE (DOWNERS GROVE)

FIGURE 2K
DRAWING NO.
1 OF 1





Appendix Q

M-14 Spring Creek Maintenance Annex (Downers Grove, IL)

Mid-Year Inspection (May)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Michael Kugach

Yard/ Facility: M-14 Annex

Location: Lockport

Date: 5/18/2022

Time: 11:07 AM

Weather Conditions During Inspection: Light Rain, 56F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Not Applicable
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	No
4	Are empty drums and totes stored in the designated area?	Not Applicable
5	Are the empty drums and totes capped/covered and free of surface residue?	Not Applicable
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Not Applicable
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Not Applicable
10	Are the waste dumpsters covered when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation: - Clean oil spill outside salt dome, see photo #2		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	No
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-14 Annex Maintenance Facility

Date: 05/18/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Not Applicable
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Yes
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Yes
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Not Applicable
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Not Applicable
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Not Applicable
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-14 Annex Maintenance Facility

Date: 05/18/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Yes
2	Are the pump and hoses in good condition (no cracks, etc)?	Yes
3	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Salt Brine
2	Is the AST area free of leaks, stains, spills?	Yes
3	Are the pump and hoses in good condition (no cracks, etc)?	Yes
4	Are the AST valves in the closed position when not in use?	No
Notes/Corrective Action Items including schedule for implementation: - Keep AST valves closed when not in use, see photo #1		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Not Applicable
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Not Applicable
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Not Applicable
8	Are used batteries stored indoors or under cover?	Not Applicable
9	Is hazardous waste stored indoors or under cover?	Not Applicable
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Not Applicable
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-14 Annex Maintenance Facility

Date: 5/18/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: 5/18/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-14 Annex Maintenance Facility (Lockport, IL)
--	--



Photo No.	1	
Date	5/18/2022	
Time	11:05 AM	
Direction	North	
Photo Taken By	GG	
Comments Action Item: Salt Brine AST valves must be in the closed position when not in use		

Photo No.	2	
Date	5/18/2022	
Time	11:07 AM	
Direction	North	
Photo Taken By	BR	
Comments Action Item: Clean up oil spill outside of salt dome		

Year-End Inspection (November)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Michael Kugach

Yard/ Facility: M-14 Annex

Location: Lockport

Date: 11/30/2022

Time: 12:00 PM

Weather Conditions During Inspection: Cloudy, 27F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Not Applicable
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Not Applicable
5	Are the empty drums and totes capped/covered and free of surface residue?	Not Applicable
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Not Applicable
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Not Applicable
10	Are the waste dumpsters covered when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-14 Annex Maintenance Facility

Date: 11/30/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Not Applicable
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Yes
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Yes
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Not Applicable
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Not Applicable
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Not Applicable
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-14 Annex Maintenance Facility

Date: 11/30/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Yes
2	Are the pump and hoses in good condition (no cracks, etc)?	Yes
3	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Salt Brine
2	Is the AST area free of leaks, stains, spills?	Yes
3	Are the pump and hoses in good condition (no cracks, etc)?	Yes
4	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Not Applicable
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Not Applicable
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Not Applicable
8	Are used batteries stored indoors or under cover?	Not Applicable
9	Is hazardous waste stored indoors or under cover?	Not Applicable
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Not Applicable
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-14 Annex Maintenance Facility

Date: 11/30/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: 11/30/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-14 Annex Maintenance Facility (Lockport, IL)
--	--

Photo No.	1
Date	11/30/2022
Time	12:00 PM
Direction	North
Photo Taken By	BR

Comments

Calcium Chloride and Salt Brine
AST

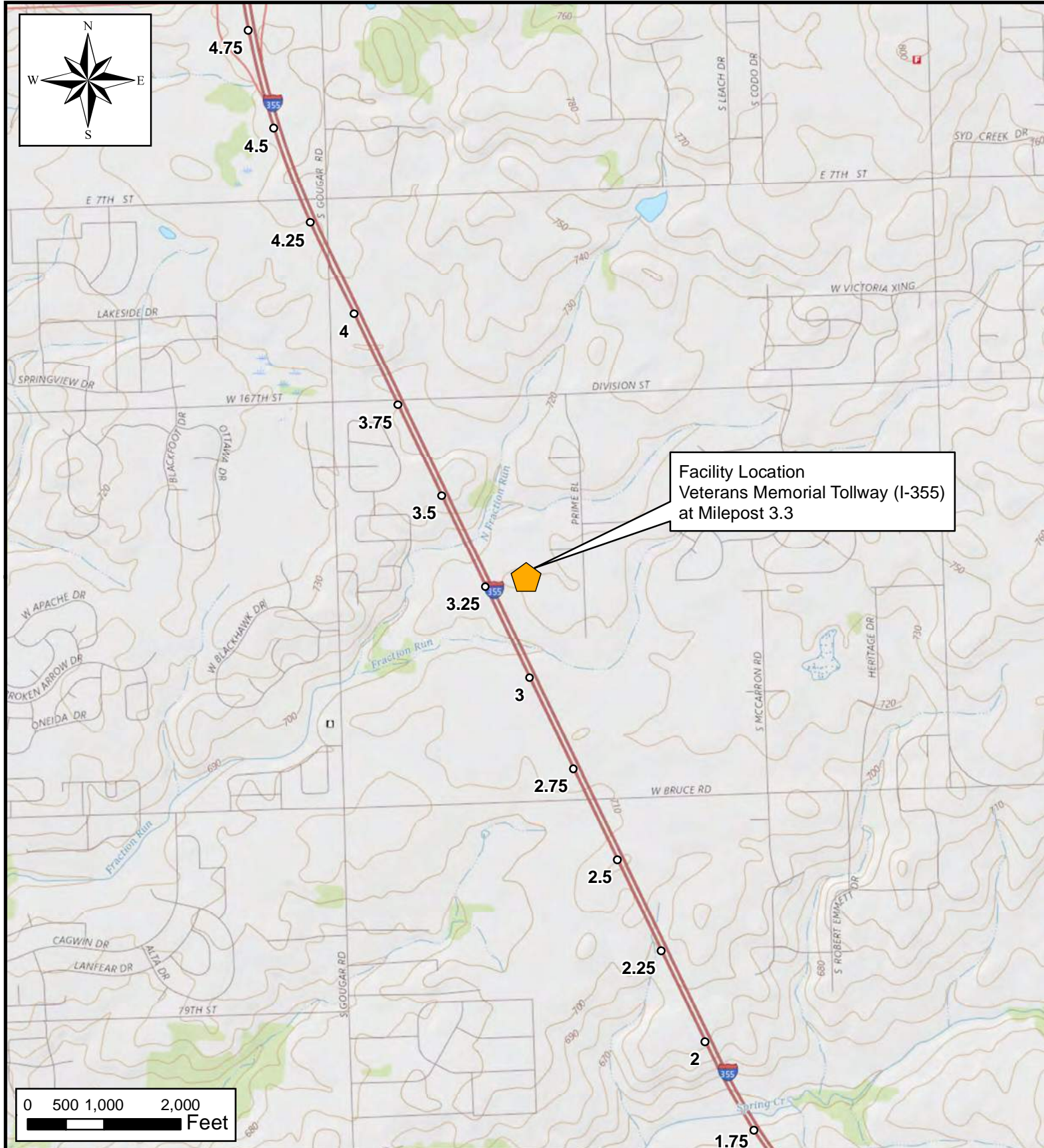


Photo No.	2
Date	11/30/2022
Time	12:05 PM
Direction	West
Photo Taken By	BR

Comments

Fuel AST





Site Location Map
Spring Creek Maintenance Annex
 Illinois Tollway
 Storm Water Pollution Prevention Plan

FIGURE NUMBER

1L

Illinois State Toll Highway Authority
 2700 Ogden Avenue
 Downers Grove, IL 60515

DRAWN BY

JF

CHECKED BY

BS

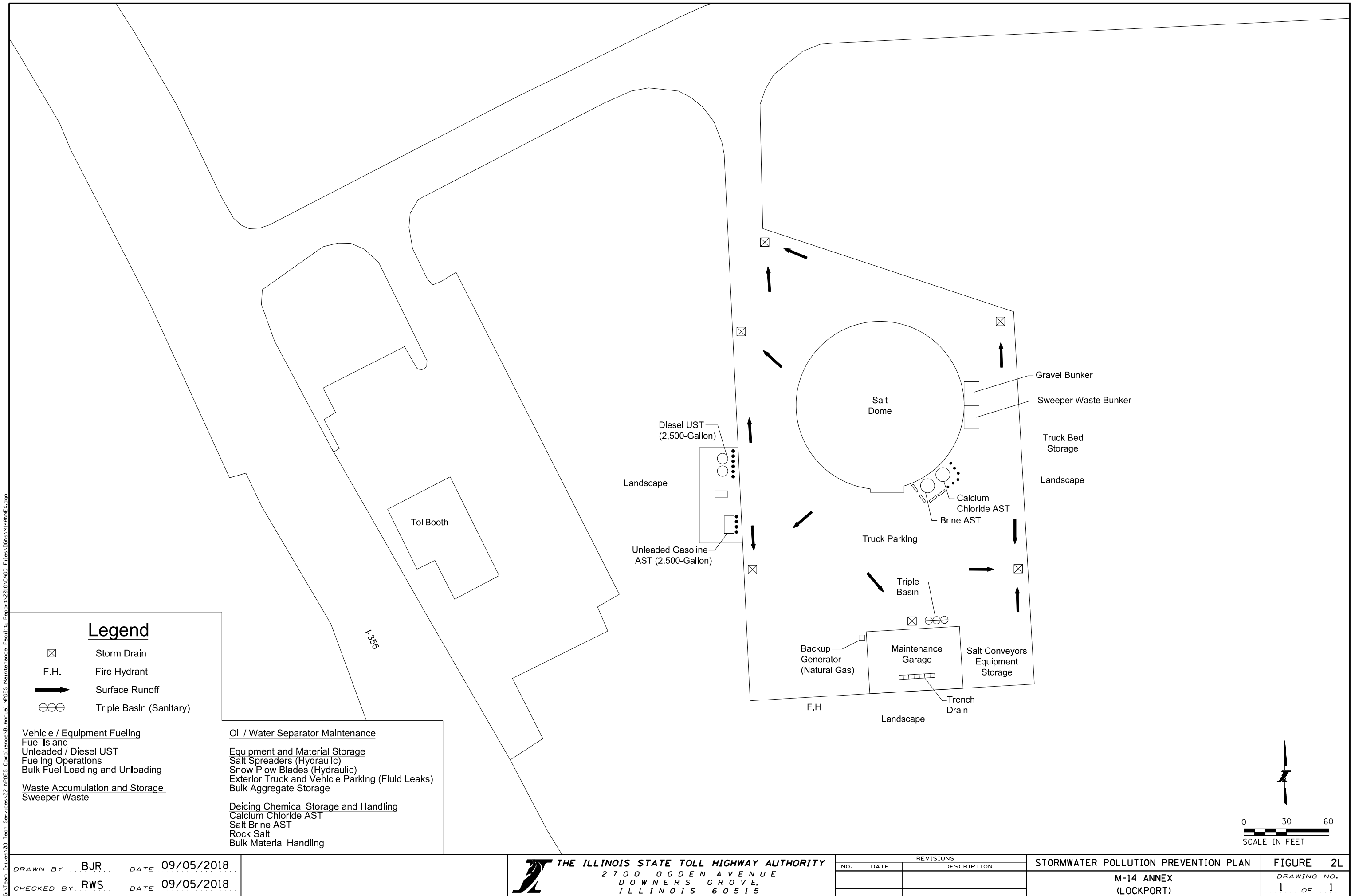
DATE

7/25/2018

SHEET NUMBER

1 of 1

GA:Team Drives\03 Tech Services\22 NPDES Compliance\8 Annual NPDES Maintenance Facility Report\2018\COOD Files\CDNs\M14ANNEX.dgn



DRAWN BY BJR DATE 09/05/2018
CHECKED BY RWS DATE 09/05/2018

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515


REVISIONS		
NO.	DATE	DESCRIPTION

STORMWATER POLLUTION PREVENTION PLAN

M-14 ANNEX
(LOCKPORT)

FIGURE 2L

DRAWING NO.
1 OF 1



Appendix R

M-16 Maintenance Facility (Bensenville, IL)

Mid-Year Inspection (May)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Patrick Donlon

Yard/ Facility: M-16

Location: Bensenville

Date: 5/25/2022

Time: 12:30 PM

Weather Conditions During Inspection: Cloudy, 64F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Yes
5	Are the empty drums and totes capped/covered and free of surface residue?	Yes
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Yes
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Yes
10	Are the waste dumpsters covered when not in use?	No
Notes/Corrective Action Items including schedule for implementation: - keep dumpsters covers closed, see photo #4		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	No
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:

- Clean up oil dry, see photo #1



Yard/ Facility: M-16 Maintenance Facility

Date: 05/25/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Not Applicable
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Yes
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Yes
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Yes
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Yes
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Yes
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation: - Change "Waste Oil" label to "Used Oil" per 40 CFR , see photo #3		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Yes
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-16 Maintenance Facility

Date: 05/25/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Yes
2	Are the pump and hoses in good condition (no cracks, etc)?	Yes
3	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Salt Brine
2	Is the AST area free of leaks, stains, spills?	Yes
3	Are the pump and hoses in good condition (no cracks, etc)?	Yes
4	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Not Applicable
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Not Applicable
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Yes
8	Are used batteries stored indoors or under cover?	Yes
9	Is hazardous waste stored indoors or under cover?	Yes
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Yes
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-16 Maintenance Facility

Date: 5/25/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*

Date: 5/25/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-16 Maintenance Facility (Bensenville, IL)
--	---

Photo No.	1
Date	5/25/2022
Time	12:31 PM
Direction	South
Photo Taken By	BR

Comments

Action Item: Clean up oil dry near fueling station



Photo No.	2
Date	5/25/2022
Time	12:31 PM
Direction	South
Photo Taken By	BR

Comments


Spill kit near fueling station



PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-16 Maintenance Facility (Bensenville, IL)
--	---

Photo No.	3	
Date	5/25/2022	
Time	12:39 PM	
Direction	North	
Photo Taken By	BR	
Comments Action Item: Re-label as “Used Oil”		

Photo No.	4	
Date	5/25/2022	
Time	12:34 PM	
Direction	East	
Photo Taken By	BR	
Comments Action Item: Keep dumpsters covered		

Year-End Inspection (November)



Storm Water Annual Inspection Checklist

Inspector Name: Bob Rogers

Inspector Title: GEC, Environmental Compliance

Inspector Name: Gary Gifford

Inspector Title: GEC, Water Quality

Maintenance Supervisor Name (s): Patrick Donlon

Yard/ Facility: M-16

Location: Bensenville

Date: 11/29/2022

Time: 12:30 PM

Weather Conditions During Inspection: Partly Cloudy, 53 F

GOOD HOUSEKEEPING		(Select One)
1	Are drums kept indoors neat, clean, and orderly?	Yes
2	Are storm drains/storm water ditches in the plant yard free of obstructions, debris, etc.?	Yes
3	Are the bulk material loading and unloading areas free of oil/grease staining (unleaded and diesel fuel, used oil, emulsion, 55-gallon drums)?	Yes
4	Are empty drums and totes stored in the designated area?	Yes
5	Are the empty drums and totes capped/covered and free of surface residue?	Yes
6	Are front-end loaders or other loading equipment working properly (no fluid leaks)?	Yes
7	Is the facility generally free of trash and debris?	Yes
8	Is the employee parking and common areas free of trash and debris?	Yes
9	Are the flammable cabinets in good condition (no rusting, corrosion, free of leaks, etc.)?	Yes
10	Are the waste dumpsters covered when not in use?	No
Notes/Corrective Action Items including schedule for implementation: - keep dumpsters covers closed, see photo #		
DIESEL AND UNLEADED FUELING AREA		(Select One)
1	Is the fueling area free of leaks, stains, spills?	Yes
2	Is a spill kit located nearby?	Yes
3	Are the pumps in good condition?	Yes
4	Is the fuel inventory system working properly (regular documented system checks conducted)?	Yes
5	Are the level gauges working properly (regular documented system checks conducted)?	Yes
6	Is the pump and fill port locked when not in use (by electronic inventory system)?	Yes
7	Is the emergency pump shut-off switch working properly for each tank (regular documented system checks conducted)?	Yes
8	Are the tanks and pumps properly labeled?	Yes
9	Are the dispensing hoses in good condition (absent of cracking, etc.)?	Yes
10	Is the underground storage tank (UST) area free of leaks, stains, spills?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-16 Maintenance Facility

Date: 11/29/2022

FUELING AREA ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the fueling area AST area free of leaks, stains, spills?	Not Applicable
2	Is the fueling area AST in good condition (no corrosion, rust, cracks, etc.)?	Not Applicable
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation:		
EQUIPMENT STORAGE AREA		(Select One)
1	Are the hydraulic oil lines to the equipment (snow plows, etc.) capped when not in use?	Yes
2	Are the dispensing valves for the calcium chloride saddle tanks closed when not in use?	Yes
3	Is out-of-service equipment that have the potential for storm water pollution covered (tarp, canopy, etc.)?	Yes
4	Where equipment has the potential for drips or leaking fluids, are drip pans used?	Yes
Notes/Corrective Action Items including schedule for implementation:		
USED OIL ABOVEGROUND STORAGE TANK		(Select One)
1	Is the used oil AST area free of leaks, stains, spills?	Yes
2	Is the used oil AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable
Notes/Corrective Action Items including schedule for implementation: - Change "Waste Oil" label to "Used Oil", see photo #		
ANTIFREEZE ABOVEGROUND STORAGE TANK		(Select One)
1	Is the antifreeze AST area free of leaks, stains, spills?	Yes
2	Is the antifreeze AST in good condition (no corrosion, rust, cracks, etc.)?	Yes
3	IF APPLICABLE - Is the storm water containment area free of stains, debris, or spills?	Not Applicable
4	IF APPLICABLE - Is the drain plug in place for the storm water containment area (no leaks)?	Not Applicable

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-16 Maintenance Facility

Date: 11/29/2022

CALCIUM CHLORIDE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Is the calcium chloride AST area free of leaks, stains, spills?	Yes
2	Are the pump and hoses in good condition (no cracks, etc)?	Yes
3	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
BEET HEAT/SALT BRINE ABOVEGROUND STORAGE TANK (IF APPLICABLE)		(Select One)
1	Tank Contents: Beet Heat/Salt Brine	Salt Brine
2	Is the AST area free of leaks, stains, spills?	Yes
3	Are the pump and hoses in good condition (no cracks, etc)?	Yes
4	Are the AST valves in the closed position when not in use?	Yes
Notes/Corrective Action Items including schedule for implementation:		
MISCELLANEOUS AREAS		(Select One)
1	Is the sealant melter/applicator stored indoors or under cover when not in use?	Not Applicable
2	Is the asphalt recycler stored indoors or under cover when not in use?	Not Applicable
3	Is the emulsion tank stored indoors or under cover when not in use?	Not Applicable
4	Is there a drip pan under the dispensing valve of the emulsion tank?	Not Applicable
5	Is the bulk salt loading and unloading area generally free of residual salt?	Yes
6	Are calcium chloride pellets stored under cover?	Not Applicable
7	Are oil, soap, antifreeze, and other vehicle fluid 55-gallon drums stored indoors or under cover?	Yes
8	Are used batteries stored indoors or under cover?	Yes
9	Is hazardous waste stored indoors or under cover?	Yes
10	Are the drums/containers in the hazardous waste storage area properly labeled?	Yes
11	Is there accumulated rainwater within any secondary containment?	Not Applicable
12	If there is accumulated rainwater (item 11 above), is there the potential for contaminants to be released?	Not Applicable
13	Are used oil filters stored in the designated used oil filter dumpster? Is the dumpster covered?	Yes

Storm Water Annual Inspection Checklist

Notes/Corrective Action Items including schedule for implementation:



Yard/ Facility: M-16 Maintenance Facility

Date: 11/29/2022

I hereby attest that training on storm water management including BMPs, Maintenance Yard work practices, and industrial activity/significant material storage placement that may impact storm water quality was discussed with the Maintenance Manager or Maintenance Supervisor during this annual inspection.

Illinois Tollway Contracted Inspector's Name (printed): Gary Gifford

Illinois Tollway Contracted Inspector's Signature: *Gary Gifford*


Date: 11/29/2022

Keep completed Inspection reports with the SWPPP for at least 3 years

PHOTOGRAPHIC LOG

Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-16 Maintenance Facility (Bensenville, IL)
--	---

Photo No.	1	
Date	11/29/2022	
Time	1:10 PM	
Direction	East	
Photo Taken By	BR	
Comments Action Item: Keep dumpster closed to prevent rain water from entering		

Photo No.	2	
Date	11/29/2022	
Time	1:00 PM	
Direction	North	
Photo Taken By	BR	
Comments Action Item: Replace "Waste Oil" label with "Used Oil" label per 40 CFR § 279.22.		

PHOTOGRAPHIC LOG


Project Description / Location:	Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-16 Maintenance Facility (Bensenville, IL)
--	---

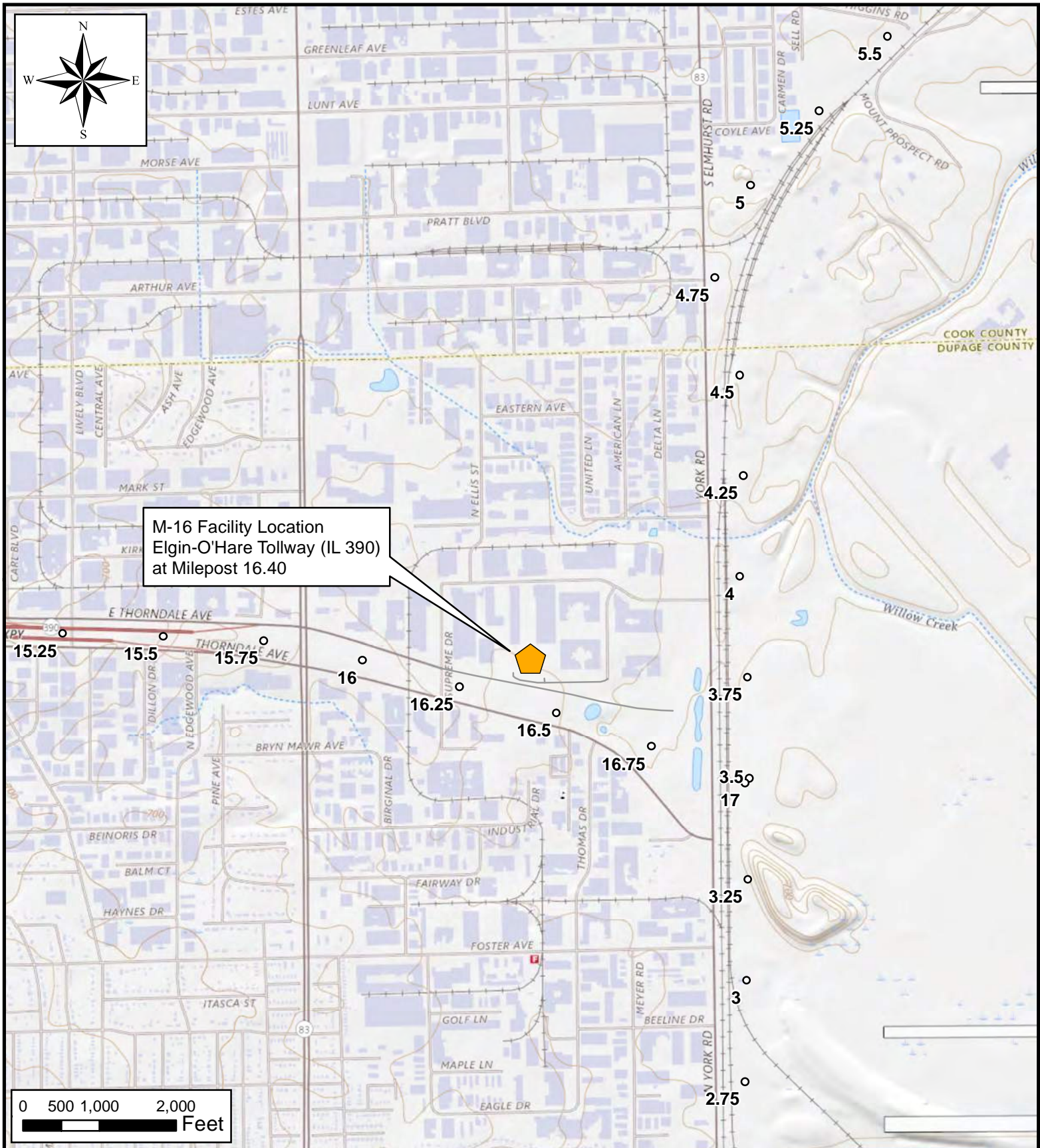
Photo No.	3	
Date	11/29/2022	
Time	12:40 PM	
Direction	North	
Photo Taken By	BR	
Comments Fueling Station kept clean		


Photo No.	4	
Date	11/29/2022	
Time	12:35 PM	
Direction	South	
Photo Taken By	BR	
Comments Lube room		

PHOTOGRAPHIC LOG

Project Description / Location:		Illinois Tollway Maintenance Facility Annual SWPPP Inspection M-16 Maintenance Facility (Bensenville, IL)
--	--	---

Photo No.	5	
Date	11/29/2022	
Time	12:40 PM	
Direction	North	
Photo Taken By	BR	
Comments Calcium chloride and salt brine AST		

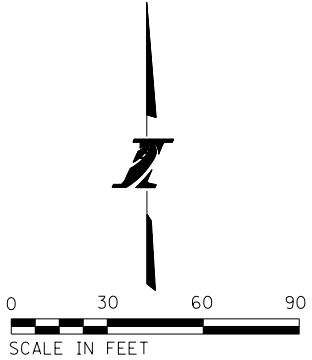
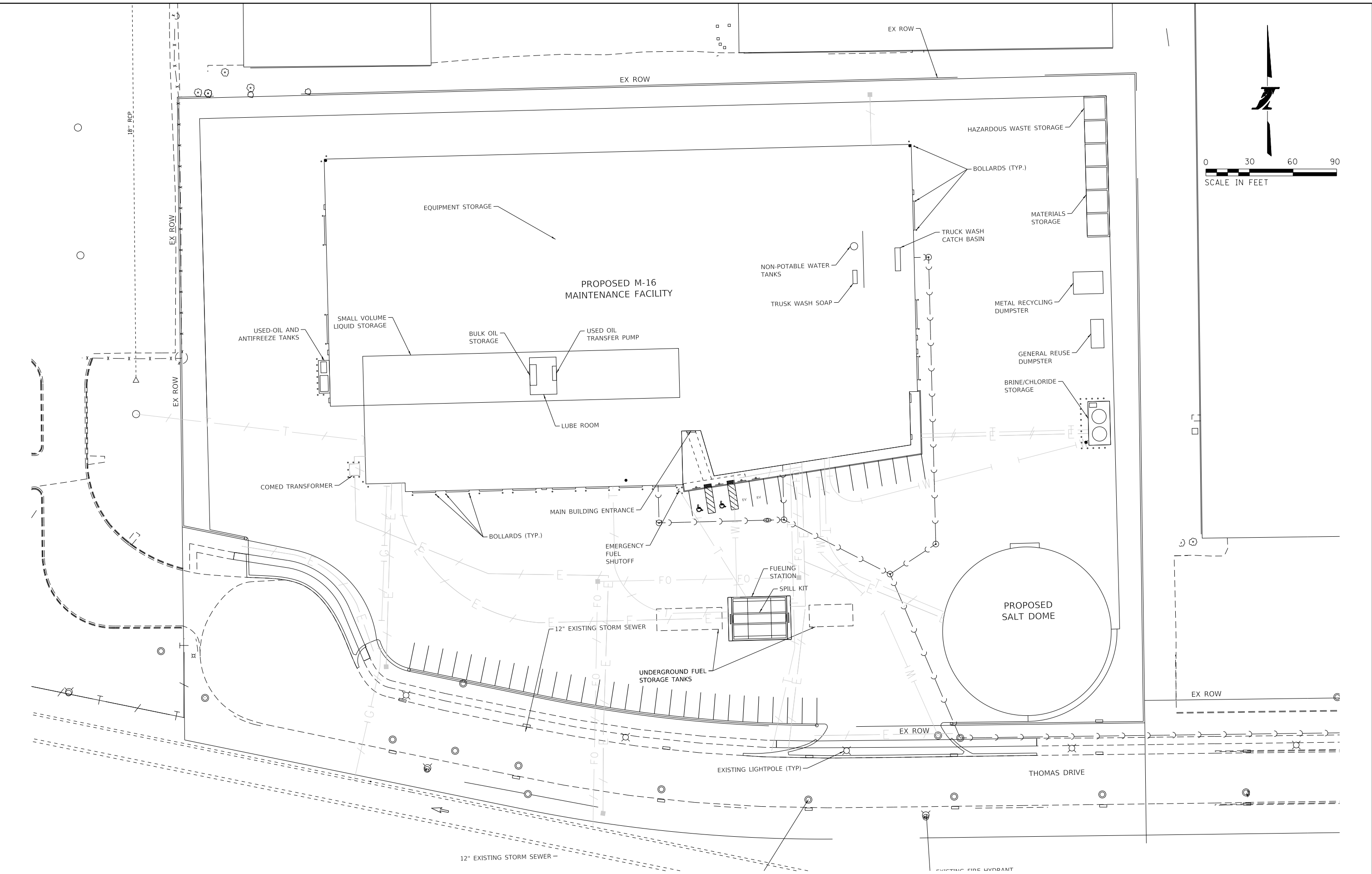


 <p>Illinois State Toll Highway Authority 2700 Ogden Avenue Downers Grove, IL 60515</p>	<p>Site Location Map Maintenance Facility M-16 (Bensenville) Illinois Tollway Storm Water Pollution Prevention Plan</p>			FIGURE NUMBER
				1-L
	DRAWN BY	CHECKED BY	DATE	SHEET NUMBER
	SD	DK	12/28/2021	1 of 1

PLOT DRIVER: C:\TOLLWAY\USA\STANDARD\SETTINGS\PLOT\TOLLWAY.plt
PLOT DATE: 12/17/2021 11:47:38 AM
PLOT TIME: 11:47:38 AM
PLOT USER: User1
PLOT NAME: C:\TOLLWAY\USA\STANDARD\SETTINGS\PLOT\TOLLWAY.plt

FILE NAME: C:\TOLLWAY\USA\STANDARD\SETTINGS\PLOT\TOLLWAY.plt
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MILESTONE:	DESIGNED BY:	DATE:	THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY 2700 OGDEN AVENUE DOWNERS GROVE, ILLINOIS 60515	REVISIONS		STORMWATER POLLUTION PREVENTION PLAN M-16 MAINTENANCE FACILITY	SHEET NO. DRAWING NO. 1 OF 1
	DRAWN BY:	DATE:		NO.	DATE		
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	DK	12/15/2021					
	BR	12/16/2021					
	DK	12/17/2021					

Appendix G

**Planned Construction
Activities, 2022**

The Move Illinois capital program will be in its eleventh year in 2022 during which the Illinois Tollway will continue to expand and improve the Illinois Tollway system, implement technological innovations, expand opportunities for small, diverse and veteran firms, and strive to exceed the needs of Illinois' customers and communities.

The Illinois Tollway's 2022 capital program calls for investing over \$1.4 billion in projects to build and repair roadways, bridges and interchanges and other capital investments across the system. By the end of the eleventh year of the *Move Illinois* capital program, the Illinois Tollway has spent nearly 70% of the \$14 billion Move Illinois Program budget to address the needs of the Illinois Tollway's existing system, such as rebuilding and widening the Jane Addams Memorial Tollway (I-90) to become a state-of-the-art, 21st century corridor and delivering the new Illinois Route 390 Tollway (IL 390). Ongoing work includes reconstructing the Central Tri-State Tollway (I-294), completing the new interchange connecting the Tri-State Tollway (I-294) and I-57 and delivering the new I-490 Tollway.

This section highlights the Illinois Tollway's *Move Illinois* capital program projects anticipated to be in construction in 2022. This information is updated with the most recent data available from the Illinois Tollway's 2022 Consulting Engineers Report. With these projects, the Illinois Tollway system will continue to better serve the needs of its patrons. The *Move Illinois* capital program consists of projects required to maintain the integrity of the existing system infrastructure, provide new interchanges, improve access to and from the Illinois Tollway System, address congestion areas across the system and evaluate the construction of new Illinois Tollway routes. The following is a listing of significant projects that are programmed to be under construction or design during 2022.

The following is a listing of significant projects that are programmed to be under construction or design during 2022:

- Systemwide:
 - Structural repair and preservation
 - Pavement repairs
 - Facility improvements
 - ITS and fiber optic infrastructure improvements
 - Various toll plaza heating, ventilation and air conditioning (HVAC) improvements
 - Signage improvements
 - Landscape improvements
 - Drainage improvements
 - Intermittent pavement repairs
 - Pavement marking

- Jane Addams Memorial Tollway (I-90)
 - Watermain cathodic protection installation, Jane Addams Memorial Tollway (I-90), Illinois Route 59 to Illinois Route 83, MP 59.0 to MP 73.5
- Tri-State Tollway (I-94/I-294/I-80)
 - Roadway and bridge reconstruction Tri-State Tollway (I-294), Mile-Long Bridge, MP 20.7 to MP 22.5
 - Roadway and bridge reconstruction Tri-State Tollway (I-294), Archer Ave. (IL 171) Interchange, MP 19.4 to MP 20.7
 - Bridge reconstruction (BN 261) Burlington Northern Santa Fe Railway (BNSF) over the Tri-State Tollway (I-294), MP 26.6
 - Roadway and bridge reconstruction Tri-State Tollway (I-294), Mile-Long Bridge, MP 20.7 to MP 22.5
 - Roadway and bridge reconstruction Tri-State Tollway (I-294), Mile-Long Bridge, MP 20.7 to MP 22.3
 - Roadway and bridge reconstruction Tri-State Tollway (I-294), MP 22.3 to MP 24.1, 75th Street to I-55 ramps
- Veterans Memorial Tollway (I-355)
 - Veterans Memorial Tollway (I-355), noise abatement wall repairs, 83rd Street to Army Trail Road, MP 14.95 to MP 29.8
- Reagan Memorial Tollway (I-88)
 - Pavement and structure reconstruction and rehabilitation, Reagan Memorial Tollway (I-88), MP 118.06 to MP 123.46
 - Windsor Drive Bridge replacement over the Illinois Tollway's connector ramps M and N, between Reagan Memorial Tollway (I-88) and the Central Tri-State Tollway (I-294)
 - Deerpath Road Bridge reconstruction over Reagan Memorial Tollway (I-88), MP 114.2
- Elgin O'Hare Western Access Project (IL 390/I 490)
 - Bridge construction from O'Hare to Westbound Illinois Route 390 Tollway (IL 390) Ramp at I-490 Tollway and Illinois Route 390 Tollway (IL 390) Interchange, MP 16.7 to MP 16.9
 - I-490 Tollway at Jane Addams Memorial Tollway (I-90) Interchange Eastbound and Westbound, Jane Addams Memorial Tollway (I-90) ramp construction, MP 73.2 to MP 74.5
 - I-490 Tollway roadway and bridge construction, Franklin Avenue to Illinois Route 19 (Irving Park Road), MP 0.6 to MP 1.0

CONTRACT NUMBER	ACCOUNT	CONTRACT DESCRIPTION	PRIME VENDOR NAME	AUTHORIZED AMOUNT
ELGIN O'HARE WESTERN ACCESS (EOWA)				
I-11-4014	DESIGN	ELGIN O'HARE WESTERN BYPASS TOLLWAY, DESIGN CORRIDOR MANAGER	CH2M HILL INC.	\$117,739,338.28
I-13-4622	DESIGN	ELGIN O'HARE WESTERN ACCESS, WESTERN TERMINAL INTERCHANGE	STANLEY CONSULTANTS, INC.	\$39,332,881.19
I-13-4623	DESIGN	ELGIN O'HARE WESTERN ACCESS, IL 19 (WEST IRVING PARK ROAD) INTERCHANGE	KNIGHT E/A, INC.	\$8,291,787.28
I-14-4646	DESIGN	LAND ACQUISITION AND SURVEYING SERVICES UPON REQUEST - SYSTEMWIDE	HAMPTON, LENZINI & RENWICK, INC.	\$3,000,000.00
I-15-4656	DESIGN	EOWA, I-294 TO I-90- TRI- STATE AND FRANKLIN/ GREEN STREET. PHASE II ENGINEERING SERVICES.	ALFRED BENESCH & CO. / CHRISTOPHER B. BURKE ENG, LTD. / LIN ENGINEERING, LTD. (TM)	\$30,142,011.52
I-15-4657	DESIGN	EOWA, I-294 TO I-90- FRANKLIN/GREEN STREET AND BENSENVILLE YARD. PHASE II ENGINEERING SERVICES.	WOOD ENVIRONMENT & INFRASTRUCTURE/T.Y. LIN INTL GREAT LAKES INC	\$13,491,452.94
I-15-4658	DESIGN	EOWA, I-294 TO I-90- BENSENVILLE YARD UNDERPASS. PHASE II ENGINEERING SERVICES.	STANTEC CONSULTING SERVICES, INC. / TERRA ENGINEERING, LTD (TM)	\$35,803,003.19
I-15-4660	DESIGN	LAND ACQUISITION SERVICES UPON REQUEST - SYSTEMWIDE. ON-CALL AND AS-NEEDED SURVEYING SERVICES.	HDR ENGINEERING, INC.	\$3,000,000.00
I-17-4676	DESIGN	EOWA JANE ADDAMS MEMORIAL TOLLWAY SYSTEM INTERCHANGE	EXP U S SERVICES, INC.	\$13,848,000.00
I-17-4677	DESIGN	ELGIN O'HARE WESTERN ACCESS, DEVON AVENUE TO PRATT BOULEVARD. PHASE II ENGINEERING.	RS&H, INC./TOLTZ, KING, DUVALL, ANDERSON AND ASSOCIATES, INC.	\$9,133,538.16
I-17-4678	DESIGN	ELGIN O'HARE WESTERN ACCESS, PRATT BOULEVARD TO TOUHY AVENUE. PHASE II ENGINEERING.	BURNS & MCDONNELL ENGINEERING CO., INC.	\$6,450,000.00
I-17-4681R	INSPECTION	ELGIN O'HARE WESTERN ACCESS, WESTERN ACCESS AT IL 19 INTERCHANGE	WIGHT & COMPANY / ORION ENGINEERS, LLC	\$4,550,000.00
I-17-4682	INSPECTION	ELGIN O'HARE WESTERN ACCESS, CONSTRUCTION MANAGEMENT UPON REQUEST. ON-CALL	HAMPTON, LENZINI & RENWICK, INC.	\$6,000,000.00

CONTRACT NUMBER	ACCOUNT	CONTRACT DESCRIPTION	PRIME VENDOR NAME	AUTHORIZED AMOUNT
I-18-4698	INSPECTION	I-490, DESIGN AND CONSTRUCTION MANAGEMENT SERVICES UPON REQUEST. ON-CALL, AND AS-NEEDED PHASE II ENGINEERING AND CONSTRUCTION MANAGEMENT SERVICES.	ESI CONSULTANTS, LTD.	\$8,990,462.94
I-18-4700	DESIGN	DESIGN CORRIDOR MANAGER SERVICES (DCM) - EOWA CORRIDOR (ILLINOIS ROUTE 390/I-490)	JACOBS ENGINEERING GROUP, INC.	\$29,500,000.00
I-18-4701	PROJECT / PROGRAM MANAGEMENT	CONSTRUCTION CORRIDOR MANAGER AND OWNER'S REPRESENTATIVE SERVICES (CCM/OR) - EOWA CORRIDOR (ILLINOIS ROUTE 390/I-490). (OR SERVICES - LUMP SUM)	KNIGHT E/A, INC. / V3 COMPANIES, LTD. (KNIV3C_ TM)	\$14,122,398.60
I-18-4701	INSPECTION	CONSTRUCTION CORRIDOR MANAGER AND OWNER'S REPRESENTATIVE SERVICES (CCM/OR) - EOWA CORRIDOR (ILLINOIS ROUTE 390/I-490). (CCM AND CM SERVICES - DIRECT LABOR MULTIPLIER)	KNIGHT E/A, INC. / V3 COMPANIES, LTD. (KNIV3C_ TM)	\$74,877,601.40
I-19-4708	INSPECTION	ELGIN O'HARE WESTERN ACCESS, I-294 TO I-90 - DEVON AVENUE TO TOUHY AVENUE, CONSTRUCTION MANAGEMENT SERVICES.	MILHOUSE ENGINEERING & CONSTRUCTION, INC.	\$9,499,914.32
I-19-4709	INSPECTION	ELGIN O'HARE WESTERN ACCESS, I-294 TO I-90 - I-490 AT I-90 INTERCHANGE, CONSTRUCTION MANAGEMENT SERVICES.	T.Y. LIN INTERNATIONAL GREAT LAKES, INC.	\$10,115,993.56
I-19-4711	INSPECTION	ELGIN O'HARE WESTERN ACCESS, I-294 TO I-90 - I-490 - I-294 TO FRANKLIN AVENUE, CONSTRUCTION MANAGEMENT SERVICES.	BAXTER & WOODMAN INC	\$1,500,000.00
I-20-4718	DESIGN	ELGIN O'HARE WESTERN ACCESS, DESIGN UPON REQUEST. ON-CALL, AND AS-NEEDED PHASE II ENGINEERING SERVICES.	PRIMERA ENGINEERS, LTD.	\$5,000,000.00
I-21-4733	DESIGN	ELGIN O'HARE WESTERN ACCESS, I-490- YORK ROAD. PHASE II ENGINEERING SERVICES.	CIORBA GROUP/PERALTE-CLARK, LLC	\$2,270,092.83

CONTRACT NUMBER	ACCOUNT	CONTRACT DESCRIPTION	PRIME VENDOR NAME	AUTHORIZED AMOUNT
I-21-4734	INSPECTION	ELGIN O'HARE WESTERN ACCESS, CONSTRUCTION MANAGEMENT SERVICES UPON REQUEST. ON-CALL AND AS-NEEDED CONSTRUCTION MANAGEMENT SERVICES.	PROGRAM MANAGEMENT & CONTROL SERVICES, LLC	\$3,000,000.00
I-21-4735	DESIGN	ELGIN O'HARE WESTERN ACCESS GEOTECHNICAL AND ENVIRONMENTAL UPON REQUEST. ON-CALL AND AS-NEEDED PHASE II ENGINEERING SERVICES.	GSG CONSULTANTS, INC.	\$5,000,000.00
I-21-4744	INSPECTION	ELGIN O'HARE WESTERN ACCESS, I-294 TO I-90 - EAST OF I-294 AT GRAND AVENUE; CONSTRUCTION MANAGEMENT SERVICES	STV, INC.	\$3,122,000.00
ILLINOIS ROUTE 53/120 EXTENSION AND OTHER PLANNING STUDIES				
I-18-4361	MASTER PLAN	ELGIN O'HARE WESTERN ACCESS, WEST EXTENSION. PHASE I ENGINEERING SERVICES FOR PLANNING STUDIES AND MASTER PLAN SERVICES	PARSONS TRANSPORTATION GROUP, INC.	\$3,655,606.72
RR-18-4383	STUDY	TRI-STATE TOLLWAY, 95TH STREET TO BALMORAL AVENUE, PLANNING STUDIES UPON REQUEST. ON-CALL AND AS-NEEDED PHASE I ENGINEERING SERVICES FOR PLANNING STUDIES AND MASTER PLAN SERVICES.	CHRISTOPHER B. BURKE, ENGINEERING, LTD.	\$5,000,000.00
REAGAN MEMORIAL TOLLWAY (I-88)				
RR-18-4434	INSPECTION	I-88 AND SYSTEMWIDE, CONSTRUCTION MANAGEMENT SERVICES UPON REQUEST	INFRASTRUCTURE ENGINEERING, INC.	\$5,700,000.00
SYSTEMWIDE IMPROVEMENTS (SW)				
RR-12-4079	DESIGN	MAINTENANCE FACILITIES - SYSTEMWIDE	A. EPSTEIN AND SONS INTERNATIONAL INC	\$8,988,013.00
I-14-4225	DESIGN	LAND ACQUISITION AND SURVEYING SERVICES UPON REQUEST - SYSTEMWIDE	MATHEWSON RIGHT OF WAY COMPANY/DYNASTY GROUP, INC.	\$3,000,000.00
RR-14-5703	DESIGN	DESIGN UPON REQUEST - SYSTEMWIDE - MOVE ILLINOIS	SINGH & ASSOCIATES, INC.	\$2,000,000.00
I-16-4257	STUDY	ENVIRONMENTAL STUDIES UPON REQUEST	HUFF & HUFF, INC.	\$5,000,000.00
RR-16-4282	INSPECTION	TRI-STATE TOLLWAY (I-94), PAVEMENT AND STRUCTURAL PRESERVATION AND REHABILITATION, M.P. 0.5 (RUSSELL ROAD) TO M.P. 25.2 (LAKE COOK ROAD). CONSTRUCTION MANAGEMENT SERVICES.	COLLINS ENGINEERS, INC.	\$3,820,586.72

CONTRACT NUMBER	ACCOUNT	CONTRACT DESCRIPTION	PRIME VENDOR NAME	AUTHORIZED AMOUNT
RR-16-4267	DESIGN	MAINTENANCE FACILITIES SITE DESIGN	ENVIRONMENTAL DESIGN INTERNATIONAL, INC.	\$4,350,000.00
RR-16-4278	DESIGN	SYSTEMWIDE TRAFFIC OPERATION AND MAINTENANCE PERFORMANCE EVALUATION AND ENHANCEMENT SUPPORT. ON-CALL AND AS-NEEDED TRAFFIC OPERATION AND MAINTENANCE SUPPORT.	J.A. WATTS, INC.	\$2,500,000.00
RR-16-9194	PROJECT / PROGRAM MANAGEMENT	ITS MAINTENANCE AND NETWORK DEPLOYMENT GUIDANCE AND SUPPORT MANAGEMENT CONTRACT (TECHNICAL FUND 51)	PARSONS TRANSPORTATION GROUP, INC.	\$1,361,231.29
I-17-4093	PROJECT / PROGRAM MANAGEMENT	PROGRAM MANAGEMENT CORE SERVICES (LUMP SUM)	HNTB CORPORATION	\$70,600,000.00
I-17-4093	PROJECT / PROGRAM MANAGEMENT	PMO CONTRACT. PROGRAM MANAGEMENT OFFICE AND TECHNICAL/ ADMINISTRATIVE SERVICES	HNTB CORPORATION	\$135,000,000.00
MO-17-1238	CONSULTING SERVICES	SYSTEMWIDE PAVEMENT ROADWAY MANAGEMENT SERVICES - MOVE ILLINOIS	APPLIED RESEARCH ASSOCIATES, INC.	\$8,219,100.00
RR-18-4377	INSPECTION	SYSTEMWIDE, MAINTENANCE FACILITIES, CONSTRUCTION MANAGEMENT SERVICES UPON REQUEST. ON-CALL AND AS-NEEDED CONSTRUCTION MANAGEMENT SERVICES.	THE RODERICK GROUP, INC. (DBA ARDMORE RODERICK)	\$6,500,000.00
RR-16-9197	DESIGN	SYSTEMWIDE DESIGN SERVICES UPON REQUEST NONROADWAY. ON-CALL AND AS-NEEDED PHASE II ENGINEE		\$2,000,000.00
I-18-4409	INSPECTION	CONSTRUCTION MANAGEMENT SERVICES UPON REQUEST. ON-CALL AND AS-NEEDED. SYSTEMWIDE	STANTEC CONSULTING SERVICES, INC.	\$3,000,000.00
RR-18-4353	DESIGN	SYSTEMWIDE, DESIGN UPON REQUEST. ON CALL AND AS-NEEDED PHASE II ENGINEERING SERVICES.	CRAWFORD, MURPHY & TILLY, INC.	\$3,750,000.00

Appendix H

Stormwater Treatment Systems

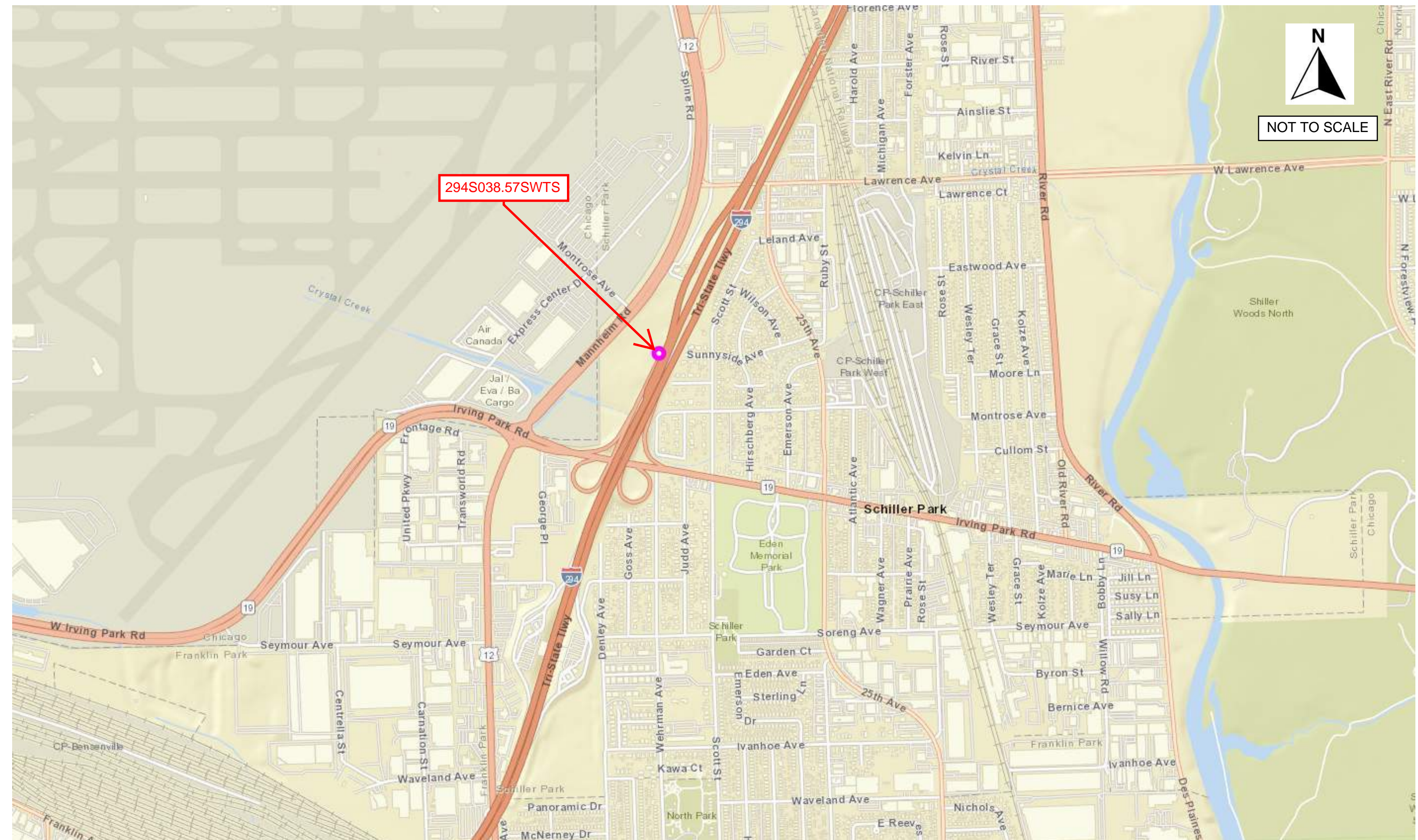
STORM WATER TREATMENT SYSTEM - TRACKING FOR INSTALLED AND APPROVED LOCATIONS

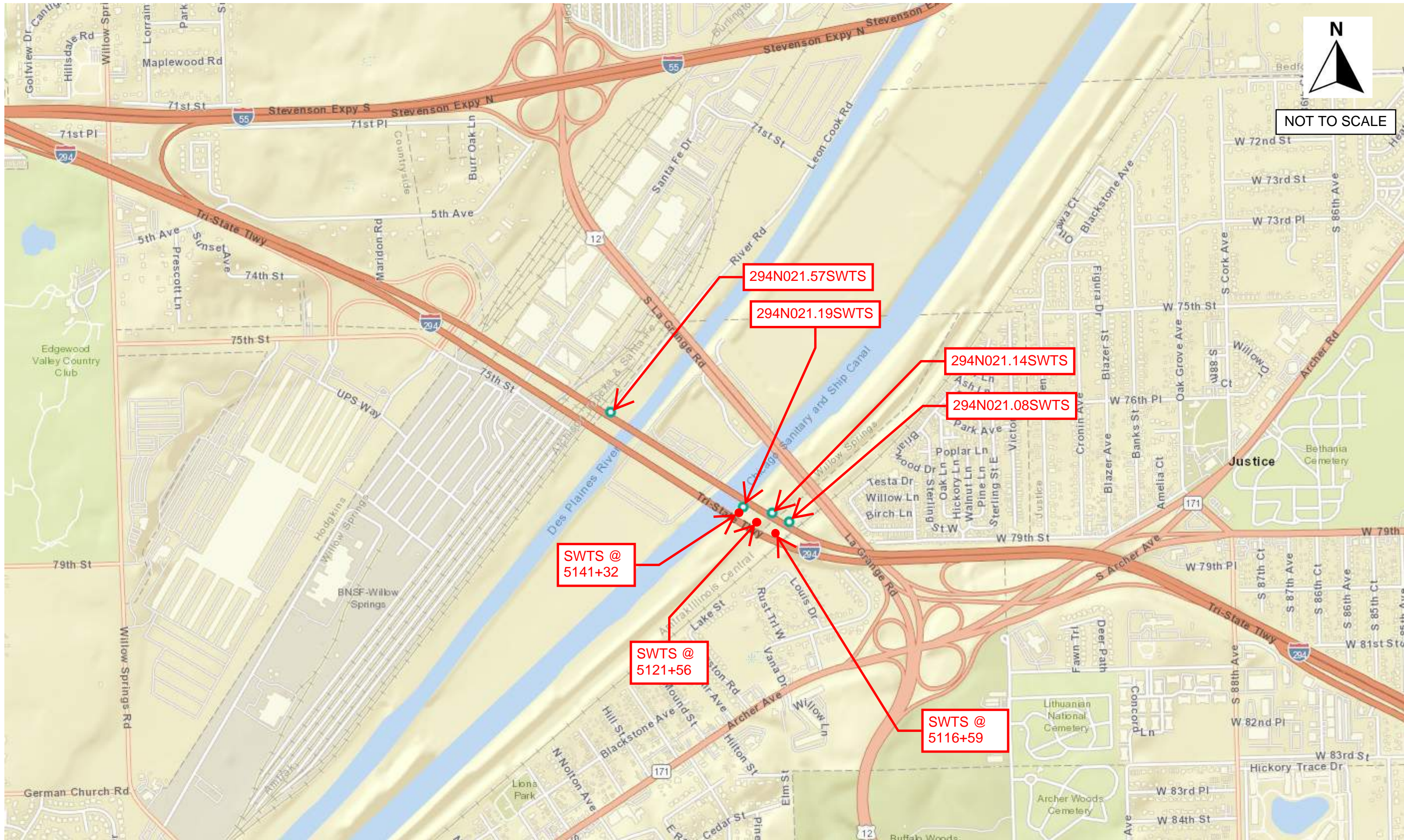
Contract Number	Corridor	SWTS Location	Station / Offset	Cartegraph ID	Vendor	Model	Watershed	Treatment Goal	Project Status	Shop Drawing Approval Date	Project Description
4427C	CTS	S409 (Location 1)	106+25.00/11.00 RT	294S038.57SWTS	Contech	Vortechs 16000	Crystal Creek	80% TSS / 50-micron	Complete	5/20/2019	I-294 O'Hare Oasis to Balmoral Avenue CD Road
4430C	CTS	S336 (Location 1)	5115+92.4 / 142.5 RT	294N021.14SWTS	Contech	Vortechs 16000	I&M Canal	80% TSS / 50-micron	Complete	8/14/2019	Mile Long Bridge
	CTS	S338 (Location 2)	7217+30.1 / 83.4 RT	294N021.08SWTS	Contech	Vortechs 11000	I&M Canal	80% TSS / 50-micron			
	CTS	S404 (Location 3)	7220.52.2 / 34.0 LT	294N021.19SWTS	Contech	Vortechs 16000	CS & Ship Canal	80% TSS / 50-micron			
	CTS	S512 (Location 4)	7239+69.8 / 86.0 RT	294N021.57SWTS	Contech	Vortechs 9000	Des Plaines River	80% TSS / 50-micron			
4431C	CTS	S308 (Location 1)	5116+59.1 / 26.5 RT	To be added	Contech	CDS2015-4	I&M Canal	80% TSS / 110-micron	Complete	5/11/2021	Mile Long Bridge
	CTS	S404 (Location 2)	5121+55.9 / 102.1 LT	To be added	Contech	CDS2025-5	CS & Ship Canal	80% TSS / 50-micron			
	CTS	S503 (Location 3)	5141+32.2 / 192.4 LT	To be added	Contech	CDS3020-6	Des Plaines River	80% TSS / 50-micron			
4458C (Southbound)	EOWA	S312 (Location 2)	1801+52.00 / 112.50 LT	294S034.07SWTS	Oldcastle	DVS-144C	Addison Creek	80% TSS / 125-micron	Complete	5/10/2021	I-294 North Avenue to South of Grand Avenue
	EOWA	S318 (Location 3)	1802+18 / 112.00 LT	294S034.08SWTS	Oldcastle	DVS-144C	Addison Creek	80% TSS / 125-micron			
	EOWA	S713 (Location 5)	1851+53.89 / 118.00 LT	294S035.02SWTS	Oldcastle	DVS-144C	Addison Creek	80% TSS / 50-micron			
	EOWA	S714 (Location 6)	1852+03.08 / 118.00 LT	294S035.03SWTS	Oldcastle	DVS-84C	Addison Creek	80% TSS / 50-micron			
4104C	I-90	S126 (Location 1)	2911+04.58 / 62.75 LT	090W055.83SWTS	Contech	Vortechs 7000	Fox River	80% TSS / 50-micron	Complete	5/30/2014	I-90 at IL 25 Interchange Reconstruction

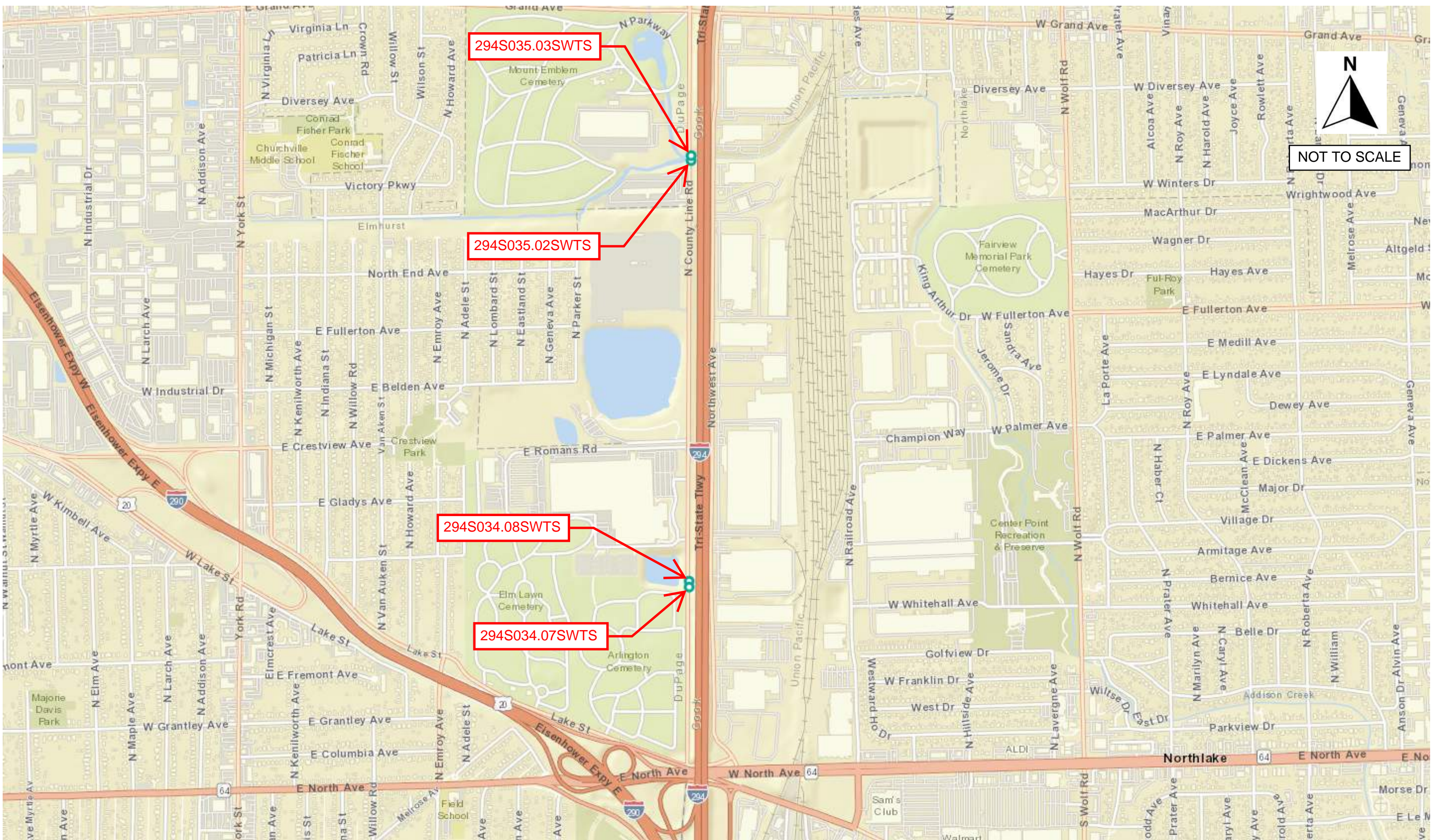


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294S038.57SWTS







294S035.03SWTS

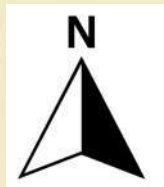
294S035.02SWTS

294S034.08SWTS

294S034.07SWTS

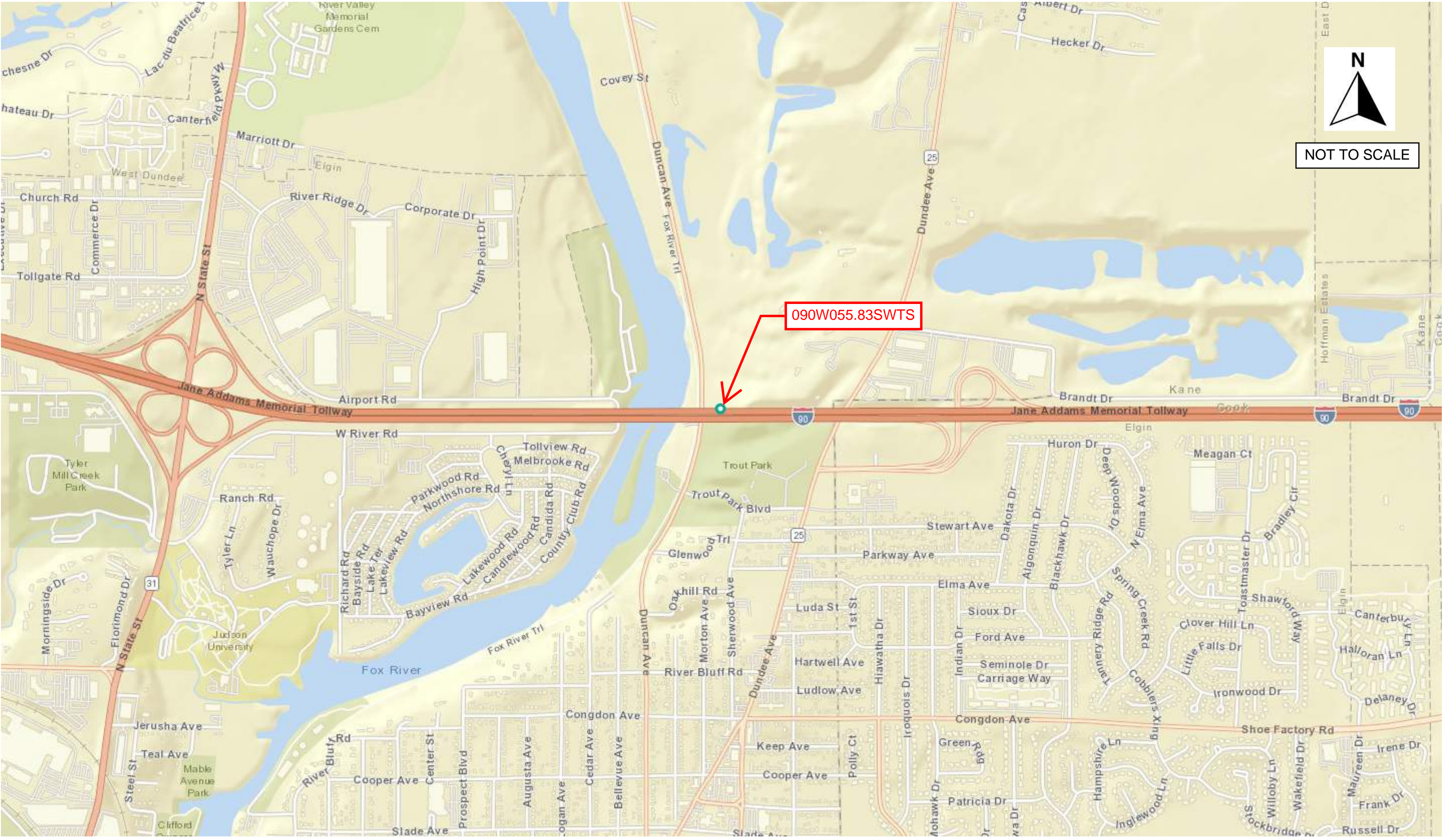


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090W055.83SWTS



STORMWATER TREATMENT SYSTEM

Description. This work shall consist of all labor, materials, equipment and incidentals required to fabricate and install all precast concrete stormwater treatment systems and appurtenances, complete and operable, in accordance with the requirements of the Plans and contract documents.

Materials. Materials shall be according to the following:

<u>Item</u>	<u>Article/Section</u>
a) Portland cement concrete	Section 1020
b) Precast reinforced concrete (Note 1).....	Section 1042
c) Hydraulic cement for sealing pipe openings	ASTM C 595M
d) Non-shrink grout	Article 1024.02
e) Mastic joint sealer	Section 1055
f) Preformed flexible joint sealants.....	Article 1056.01
g) Reinforcement Bars and Welded Wire Reinforcement.....	Section 1006.10
h) Structural Steel.....	Article 1006.04
i) Ductile Iron Castings.....	Article 1006.15
j) Protective Coat.....	Section 1023
k) Precast Concrete Plug.....	Article 1042.16(a)
l) Waterproofing Membrane System.....	Section 1061
m) Fine Aggregate.....	Article 1003.04

Note 1. Concrete shall be Class PC according to Section 1020 and shall have a minimum compressive strength of 5000 psi at 28 days. The precast concrete producer shall be in IDOT's Qualified Producer List of Certified Precast Concrete Producers for Drainage Structures products.

Submittals. The Contractor shall prepare and provide shop drawings to the Engineer for review and acceptance showing details for construction, reinforcing, joints and any cast-in-place appurtenances. Drawings shall be annotated to indicate all materials to be used and all applicable standards for materials, required tests of materials and design assumptions for structural analysis. The precast producer shall be identified in the submittal.

Performance. Each stormwater treatment system shall adhere to the following performance specifications at the design treatment capacities, as listed below:

Location 1:

Tributary Drainage Area = {**DSE to insert**} acres

Weighted Runoff Coefficient, C = {**DSE to insert**}

Time of Concentration = {**DSE to insert**} minutes

Maximum Flow Rate (Q_{100}) = {**DSE to insert**} cfs

Total Suspended Solids (TSS) Removal = 80% based on {**DSE to insert**}-micron particle size

Each stormwater treatment system shall be capable of removing 80% of the net annual Total Suspended Solids (TSS) load based on a particle size specified per each location listed above. The rainfall intensity shall be based on local precipitation data.

Annual TSS removal efficiency models shall be based on documented removal efficiency performance from full scale laboratory tests. Annual TSS removal efficiency models shall only be considered valid if they are corroborated by independent third-party field testing. Said field testing shall include influent and effluent composite samples from a minimum of ten storms at one location.

The maximum flow rate specified is the largest storm event designed to be conveyed by the storm sewer pipes and consists of the treated flow plus the bypass flow. If the maximum flow rate exceeds the capacity of the stormwater treatment system, an off-line bypass system shall be required.

Individual stormwater treatment systems shall not re-suspend trapped sediments or re-entrain floating contaminants at flow rates up to and including the specified Design Treatment Capacity.

The systems shall be designed to not allow surcharge of the upstream piping network during dry weather conditions.

Direct access shall be provided to the sediment and floatable contaminant storage chambers to facilitate maintenance. There shall be no appurtenances or restrictions within these chambers.

Stormwater treatment system shall be completely housed within one rectangular or circular structure.

The stormwater treatment system shall be analyzed for buoyancy with countermeasures constructed as needed to resist buoyant forces.

Manufacturer. Each stormwater treatment system shall be of a type that has been installed and used successfully for a minimum of 5 years. The manufacturer of said system shall have been regularly engaged in the engineering design and production of systems for the physical treatment of stormwater runoff during the aforementioned period.

All stormwater treatment systems and associated components shall be warranted by the manufacturer and guaranteed against defects and/or failure in design, materials, and workmanship within the warranty period specified. The Contractor shall submit the warranty terms as part of each material item's shop drawing submittal for approval. The Contractor shall issue a written warranty on all material, labor, and workmanship for the stormwater treatment system components against all manufacturer originated defects in materials or workmanship for a period of twenty-four (24) months from the date the components are delivered to the Illinois Tollway for installation or for a period of twelve (12) months after final acceptance, whichever comes first. The Contractor shall upon the determination of the Engineer repair, correct or replace any manufacturer originated defects advised in writing to the manufacturer within the referenced warranty period. The use of stormwater treatment system components shall be limited to the application for which it was specifically designed.

The Contractor shall submit to the Engineer a "Manufacturer's Performance Certification" certifying that each stormwater treatment system can achieve the specified removal efficiencies listed in these specifications. The certification shall be supported by independent third-party research. TSS load removal calculations for the specified particle size shall be included in the submittal.

Product Inspection. All components shall be subject to inspection by the Engineer at the place of manufacture and installation. All concrete sections shall meet the requirements of the IDOT Quality Control/Quality Assurance Program for Precast Concrete Products. The Illinois Tollway will provide the quality assurance portion of that program.

All components are subject to being rejected or identified for repair if the quality of materials and manufacturing do not comply with the requirements of this specification. Components which have been identified as defective may be subject for repair where final acceptance of the component is contingent on the discretion of the Engineer.

Installation. The Contractor shall exercise care in the storage and handling of the stormwater treatment system components prior to and during installation. Any repair or replacement costs associated with events occurring after delivery and unloading has commenced shall be at no additional cost to the Illinois Tollway.

The stormwater treatment system shall be installed according to the manufacturer's recommendations and at elevations and locations shown on the Plans. The Contractor shall obtain installation instructions from the manufacturer and on-site guidance during important stages of the installation as identified by the manufacturer. A minimum of 72 hours' notice shall be provided to the manufacturer prior to their performance of the services included under this article.

The Contractor shall fill all voids associated with lifting provisions provided by the manufacturer. These voids shall be filled with the approved non-shrink grout, providing a finished surface consistent with adjacent surfaces. The Contractor shall trim all protruding lifting provisions flush with the adjacent concrete surface in a manner which leaves no sharp points or edges.

The Contractor shall remove all loose material and pooling water from the stormwater treatment system prior to the transfer of operational responsibility to the Illinois Tollway.

CONSTRUCTION REQUIREMENTS

General. All precast sections shall be cured per Article 1020.13 of the Standard Specifications. Precast sections shall not be shipped until the concrete has attained the manufacturer's design shipping compressive strength and until a minimum 5 days after fabrication.

Sections shall have tongue-and-groove or ship-lap joints sealed with the approved mastic joint sealer.

Pipe openings shall be sized to accept pipes of the specified size(s) and material(s) and shall be sealed by the Contractor with the approved hydraulic cement.

The excavation and backfilling for stormwater treatment systems shall be according to Section 602.12 of the Standard Specifications. For excavation depths greater than 10 feet, excavation protection shall be utilized according to the applicable standards for workplace safety. The Contractor shall provide to the Engineer, in writing, their procedures for fulfilling the safety requirements for excavation protection.

When sheeting and bracing have been used, sufficient bracing shall be left across the excavation as the backfilling progresses to hold the sides firmly in place without caving or settlement. This bracing shall be removed as soon as practicable. Any depressions which may develop within the

area involved in the construction operation due to settlement of the backfilling material shall be filled.

When the Contractor constructs the excavation with sloped or benched sides, backfilling for the full width of the excavation shall be as specified, except no additional compensation will be allowed for backfill material required outside the vertical limits of the excavation.

The Contractor shall verify the location of all existing utilities and structures and shall take all necessary precautions to perform the work in such a manner as to not damage existing utilities or structures located near or beneath the Stormwater Treatment System. Any damage to existing utilities or structures shall be repaired at no additional cost to the Illinois Tollway.

The Contractor shall clearly mark each stormwater treatment system with "Illinois Tollway", Contract Number, Structure Number, Producer's Name, and Date of Manufacture. This information shall be marked on the outside face of the stormwater treatment system in a visible surface as designated by the Engineer. The marking shall be painted/stamped in the stormwater treatment system with waterproof paint/ink or recessed in the structure by 1/2". The letters shall be capitals, not less than 2 in. and not more than 3 in. in height.

Design. The Contractor shall verify the location of all existing utilities and structures prior to preparation of shop drawings. The length, width and depth of the stormwater treatment system may be modified based on the location and size of existing or proposed utilities as long as the performance criteria described herein are still met.

The wall thickness shall not be less than 6 inches or as shown on the dimensional drawings. In all cases the wall thickness shall be no less than the minimum thickness necessary and shall be designed in accordance with AASHTO LRFD Bridge Design Specifications, latest edition, with IL-120 or HL-93 loading requirements, whichever governs. The Contractor shall submit shop drawings and calculations prepared and sealed by an Illinois Licensed Structural Engineer.

Castings for manhole frames and lids shall be in accordance with Article 1006.15 of the Standard Specifications and shall meet AASHTO M306 load rating. The manhole frame and lid shall be Type 1, Closed Lid according to IDOT Highway Standard 604001, except that the lid shall be bolted to the frame. Access openings shall not be allowed in the pavement or shoulder sections.

Method of Measurement. The work will be measured for payment in units of each installed in accordance with the Plans and the manufacturer's recommendations, complete and accepted in place.

Basis of Payment. This work will be paid at the contract unit price per each for STORMWATER TREATMENT SYSTEM for the location specified.

Trench backfill will be measured for payment according to Article 208.03.

Disposal of the surplus material from the excavation shall be according to the Illinois Tollway special provision for "Disposal of Regulated Substances and Uncontaminated Soils".

Pay Item Number	Designation	Unit of Measure
JT602500	STORMWATER TREATMENT SYSTEM, LOCATION 1	EACH
JT602501	STORMWATER TREATMENT SYSTEM, LOCATION 2	EACH
JT602502	STORMWATER TREATMENT SYSTEM, LOCATION 3	EACH
JT602503	STORMWATER TREATMENT SYSTEM, LOCATION 4	EACH
JT602504	STORMWATER TREATMENT SYSTEM, LOCATION 5	EACH
JT602505	STORMWATER TREATMENT SYSTEM, LOCATION 6	EACH
JT602506	STORMWATER TREATMENT SYSTEM, LOCATION 7	EACH
JT602507	STORMWATER TREATMENT SYSTEM, LOCATION 8	EACH