

May 30, 2024

Illinois Environmental Protection Agency
Water Pollution Control
Compliance Assurance Section #19
Municipal Annual Inspection Report
1021 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276

RE: NPDES Phase II Annual MS4 Report Permit #ILR400330

To Whom It May Concern:

Please find enclosed a completed and signed Annual Facilities Inspection Report for the City of East Moline's NPDES Phase II permit compliance. This document was prepared after careful review of the City's existing stormwater program, discussion with various municipal employees, and the City's General Permit for Discharges for Small MS4s (NPDES Permit No. ILR 400330).

The City of East Moline adhered to the Best Management Practices (BMPs) outlined in the Notice of Intent as well as additional BMPs implemented since the NOI was approved. Initiation of goals set for the next reporting year have begun. BMPs started and/or completed during this reporting year and the City's overall stormwater program are in compliance with the requirements of the NPDES permit.

An electronic version of this report, minus supporting documentation, as well as the Annual Facility Inspection Report has been submitted to the e-mail address indicated on the inspection report form.

If you have any questions regarding the enclosed Annual Inspection Report, please contact me at (309) 751-2310.

Sincerely,

A handwritten signature in blue ink that reads 'Erica K. Williams'. The signature is written in a cursive style.

Erica K. Williams
Stormwater Manager

Enclosure



Illinois Environmental Protection Agency

Bureau of Water • 1021 N. Grand Avenue E. • P.O. Box 19276 • Springfield • Illinois • 62794-9276

Division of Water Pollution Control ANNUAL FACILITY INSPECTION REPORT

for NPDES Permit for Storm Water Discharges from Separate Storm Sewer Systems (MS4)

This fillable form may be completed online, a copy saved locally, printed and signed before it is submitted to the Compliance Assurance Section at the above address. Complete each section of this report.

Report Period: From March, 2023 To March, 2024

Permit No. ILR40 0330

MS4 OPERATOR INFORMATION: (As it appears on the current permit)

Name: City of East Moline Mailing Address 1: 1200 13th Avenue

Mailing Address 2: 1200 13th Avenue County: Rock Island

City: East Moline State: IL Zip: 61244 Telephone: 309/751-2310

Contact Person: Erica Williams Email Address: ewilliams@eastmoline.com
(Person responsible for Annual Report)

Name(s) of governmental entity(ies) in which MS4 is located: (As it appears on the current permit)

City of East Moline

THE FOLLOWING ITEMS MUST BE ADDRESSED.

A. Changes to best management practices (check appropriate BMP change(s) and attach information regarding change(s) to BMP and measurable goals.)

- | | | | |
|--|--------------------------|---|--------------------------|
| 1. Public Education and Outreach | <input type="checkbox"/> | 4. Construction Site Runoff Control | <input type="checkbox"/> |
| 2. Public Participation/Involvement | <input type="checkbox"/> | 5. Post-Construction Runoff Control | <input type="checkbox"/> |
| 3. Illicit Discharge Detection & Elimination | <input type="checkbox"/> | 6. Pollution Prevention/Good Housekeeping | <input type="checkbox"/> |

B. Attach the status of compliance with permit conditions, an assessment of the appropriateness of your identified best management practices and progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, and your identified measurable goals for each of the minimum control measures.

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

D. Attach a summary of the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule.)

E. Attach notice that you are relying on another government entity to satisfy some of your permit obligations (if applicable).

F. Attach a list of construction projects that your entity has paid for during the reporting period.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))


Owner Signature:

Tim Kammler

Printed Name:

05-30-24
Date:

Director of Engineering

Title:

EMAIL COMPLETED FORM TO: epa.ms4annualinsp@illinois.gov

or Mail to: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
WATER POLLUTION CONTROL
COMPLIANCE ASSURANCE SECTION #19
1021 NORTH GRAND AVENUE EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276



CITY OF EAST MOLINE

**NPDES PERMIT NO. ILR400330
SMALL MUNICIPAL SEPARATE
STORM SEWER SYSTEM**

ANNUAL FACILITY INSPECTION REPORT
Reporting Year April 1, 2023 to March 31, 2024

Submitted to:
Illinois Environmental Protection Agency
Division of Water Pollution Control
Compliance Assurance Section
Springfield, Illinois

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- Illicit Discharge Notice of Violation
- Website Materials
- Utility Brochure
- Stormwater & Utility Brochure
- Speaking Engagement Materials
- Kid’s stormwater webpage
- Stormwater Council Meeting Minutes
- Environmental Justice Report
- Water Bill Message

Appendix B

City of East Moline
Phase II Annual Report
Permit No. ILR400330

Clean up Group Materials
Neighborhood Cleanup Materials
Mississippi River Cities & Towns Initiative
Lower Rock River Watershed Scenario Planning Workshop
Upper Mississippi River Conference
Quad City Flood Resiliency Alliance

Appendix C

Sample Stormwater Utility map
Ordinance verbiage regarding illicit discharges
In-House Training Materials
Example Stormwater Outfall Inspection

Appendix D

Ordinance excerpts
Permit & SWPPP Checklists
Example of Logged Site Inspection
Sample of Inspection Communication
Example of an Erosion Control Performance Bond
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Priority List Example
Street Sweeping webpage and Information
Pre-Construction Meeting Minutes

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Flood Development Authorization Form

Appendix G

Inspection Results

City of East Moline
Phase II Annual Report
Permit No. ILR400330

A. Changes to Best Management Practices

No changes to BMP's were made in this reporting year.

B. Attach the status of compliance with permit conditions, an assessment of the appropriateness of your identified Best Management Practices, and progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, and your identified measurable goals for each of the minimum control measures.

A. PUBLIC EDUCATION AND OUTREACH

For the Public Education and Outreach component of the NOI, the City of East Moline committed to completing A.1 Distributed Paper Material, A.2 Speaking Engagements, A.3 Public Service Announcement, A.4 Community Event, A.5 Class Education Material, and A.6 Other Public Education. Each individual task is outlined in the paragraphs below.

A.1 Distributed Paper Material

Neighborhood-wide letters are distributed as dumping, littering, and illicit discharges are detected. The letters and door hangers are educational in the importance of not polluting our waterways and in teaching the public that the city streets, gutters, inlets, ravines, etc. discharge directly into our rivers and how to better manage waste. A Notice of Violation is included in Appendix A.

Distributed and posted materials include information regarding local watersheds, the storm sewer system, illicit discharges, the pathways contaminants follow to reach our rivers. Materials can also be found in Appendix A.

The city has also assembled a stormwater utility brochure for the use and education of all citizens, contractors, developers, etc. The stormwater utility brochures can be found in Appendix A.

The city also uses an “open space” on the monthly water bills to educate the residents regarding sound stormwater practices. An example can be found in Appendix A.

A.2 Speaking Engagements

The City of East Moline participates at the annual Erosion and Sediment Control Conference in conjunction with the Rock Island County Soil and Water Conservation District and neighboring municipalities. The workshop aims to educate residents, contractors, engineers, and developers on stormwater issues as well as State of Illinois and City of East Moline requirements as they pertain to projects and the NPDES, MS4, and CWA. The conference is advertised on many websites, social media, and the local papers. The City of East Moline presented during two blocks at the conference regarding the aforementioned topics. The agenda from the February 22rd, 2024 conference can be found in Appendix A.

A.3 Public Service Announcement

The City of East Moline posts many public service messages and information pages on its website. Examples can be found in Appendix A.

A.4 Community Event

The City of East Moline participates annually in several community clean up events including neighborhood cleanups and routine littler cleanups, and the first Clean River Advisory Council's Clean Rivers 4 All clean up event. The city actively participates by educating participants and at the neighborhood cleanups, paper materials are available for participants to pick up if they desire. Section B of this report goes into greater detail regarding individual cleanup groups with materials attached in Appendix B.

A.5 Class Educational Material

Educational material as well as fun games are passed out to students K-6. The city also has a children's page on its website. The stormwater website's kid's page and a few samples of activities from that page can be found in Appendix A.

A.6 Other Public Education

The city's stormwater project as part of the downtown revitalization project was discussed at a public city meeting on February 27th, 2024. Citizens, elected officials, and city employees had the opportunity to ask questions and comment at that time. The minutes can be found in Appendix A. An additional public gathering that the City of East Moline participated in the Upper Mississippi River Conference in October 2024, and the Plastic Pollution Initiative in October 2024. Information for all the above can be found in Appendix A.

As part of the new MS4 permit, environmental justice areas were researched using the EPA website provided in the permit. The report is attached in Appendix A. A link to the EPA's environmental justice website has been placed on the City of East Moline's stormwater webpage for resident reference.

B. PUBLIC PARTICIPATION/INVOLVEMENT

For the Public Participation/Involvement component of the NOI, the City of East Moline committed to completing B.2 Educational Volunteer, B.4 Public Hearing, B.5 Volunteer Monitoring, and B.6 Public Involvement. Each individual task is outlined in the paragraphs below.

B.2 Educational Volunteer

The City of East Moline has volunteered, presented, and provided educational information at the QC Stormwater Conference, many other Quad City area wide meetings and workshops, as well as neighborhood association cleanup events in the past. The QC Stormwater Conference took place on February 22nd, 2024. During the conference, stormwater topics were discussed. In addition, the city's website contains stormwater educational materials for adults as well as students. Documentation supporting the sponsorship and involvement of the groups as well as website materials can be found in Appendix A.

B.4 Public Hearing

The City of East Moline notifies the public at least 48 hours in advance of any meeting which is open to the public. The city continues to do so where stormwater programs and/or projects are being discussed. The City makes reports available upon request. Drainage projects were discussed at the February 27th, 2024 meeting. The minutes can be found in Appendix A.

B.5 Volunteer Monitoring

The City of East Moline continues to encourage, support, assist, and monitor cleanup programs. The city provides educational material, supplies, equipment, and disposal service to the volunteer programs. The city, downtown organizations, and Respect Abilities are heavily involved in cleanups on a daily and annual basis depending on the organization and area to be cleaned. Further information and flyers are included in Appendix B.

B.6 Other Public Involvement

The city educates the staff, council, and citizens regarding drainage importance, illicit discharges, detection, and reporting. All drainage complaints are investigated with appropriate action taken up to and including education. Brochures are distributed as necessary and further questions are encouraged. The brochure can be found in Appendix A.

C. ILLICIT DISCHARGE DETECTION AND ELIMINATION

For the Illicit Discharge Detection and Elimination component of the NOI, the City of East Moline committed to completing C.1 Storm Sewer Map Preparation, C.2 Regulatory Control Program, C.5 Illicit Source Removal Procedures, C.7 Visual Dry Weather Screening, C.9 Public Notification, and C.10 Other Illicit Discharge Controls. Each individual task is outlined in the paragraphs below.

C.1 Storm Sewer Map Preparation

The City of East Moline has completed a GIS based storm sewer inventory or atlas showing all known stormwater structures and outfalls. The atlas is recorded electronically using GPS equipment and is incorporated into the City GIS. The City's atlas is complete to the best of our knowledge and is updated regularly as systems are added, relocated, altered, discovered, etc. An example of the GIS mapping is included in Appendix C.

C.2 Regulatory Control Program

Non-stormwater discharges to the storm sewer system are not permitted in the City of East Moline. A comprehensive Stormwater Ordinance was developed and implemented to better enforce the prohibition of illicit discharges or discharges not comprised entirely of stormwater. Letters are sent regarding illicit discharges or discharges that include constituents other than stormwater on an as needed basis. The ordinance passages are included in Appendix C. A Notice of Violation for an illicit discharge is included in Appendix A.

C.5 Illicit Source Removal Procedures

The City of East Moline addresses the detection of non-stormwater discharges through internal training, an annual stormwater conference, and field inspections. Training topics include staff responsibilities, detection procedures, documentation methods, and enforcement actions from stormwater personnel as well as outside departments including construction inspectors, and municipal services personnel. The city's ordinance prohibits illicit connections and illicit discharges. Inspections have been performed during projects and as needed by citizen driven complaints. One illicit discharge incident was reported and addressed during this reporting year. All sources were immediately shut down upon notification. See Appendix A, C, and D for documentation.

C.7 Visual Dry Weather Screening

A visual inspection of uncovered storm sewer outfalls is conducted during dry weather. Priority areas have been established and are checked first. Screeners check for the presence of illegal dumping sites. Cease and Desist letters are sent to area residents explaining the dangers and hazards of depositing such materials near drainage ways on an as needed basis. A full inspection of every outfall was conducted over a two year period.

C.9 Public Notification

The City of East Moline educates members of the residential, commercial, and industrial sectors on the dangers of illicit discharges and the release of non-stormwater discharge into the system. The stormwater website has information regarding the dangers of illegal dumping and illicit discharges. Letters and brochures are sent on an as needed basis to residential and non-residential property owners, contractors are educated during preconstruction meetings, and everyone is welcomed to the annual conference. Examples of the aforementioned items can be found throughout Appendix A.

C.10 Other Illicit Discharge Controls

The City of East Moline has begun to train appropriate employees in detecting and handling illicit or suspected illicit discharges. The city also stays in communication with the Rock Island County Health Department and neighboring communities for properties outside city jurisdiction that may have an illicit or suspected illicit discharge that may negatively impact City of East Moline drainage systems. Additionally, the City of East Moline residents can take their household hazardous waste to the Waste Commission of Scott County for proper disposal. Records are kept by the commission regarding the number of East Moline residents, and information for citizens is posted on the city's website.

D. CONSTRUCTION SITE RUNOFF CONTROL

For the Construction Site Runoff Control component of the NOI, the City of East Moline committed to completing D.1 Regulatory Control Program, D.2 Erosion and Sediment Control BMPs, D.4 Site Plan Review Procedures, D.5 Public Information Handling Procedures, and D.6 Site Inspection/Enforcement Procedures. Each individual task is outlined in the paragraphs below.

D.1 Regulatory Control Program

The City of East Moline continues to enforce the Stormwater Ordinance which requires installation, maintenance, and inspection of erosion and sediment control measures and stormwater management systems. The ordinance addresses erosion and sediment issues in a comprehensive nature and provides the city with a mechanism in enforcing the NPDES and MS4 Permits. The city reviews all permitted sites for stormwater management systems as well as effective erosion and sediment control measures. After the project design is approved and a permit issued, stormwater staff conducts inspections on permitted construction projects as needed to ensure compliance. If a site is found to be in non-compliance, appropriate follow-up is conducted with the permit holder. A permit brochure is available for handout. Samples of the ordinance, permit application, sample review comments, are included in Appendix D.

D.2 Erosion and Sediment Control BMPs

The City of East Moline requires its contractors and staff to implement erosion and sediment control measures on projects within the city's jurisdiction. Staff members and construction inspectors have been educated in-house regarding proper erosion and sediment control. Permitted sites are also required to install and maintain erosion and sediment control BMPs until proper stabilization measures are achieved. Permittees, as well as city staff, inspect construction projects to ensure measures are working as intended and required. Inspections, violations, and enforcement actions are recorded. Inspection logs, follow-up communication, and examples of stabilization measures are included in Appendix D. Erosion Control Performance Bonds are collected for projects one acre or more and used, if necessary, if requirements are not met in a timely manner. All non-permitted projects are required to follow appropriate erosion and sediment control measures to ensure all areas of disturbance are following the ordinance. An example of a directional boring brochure and bond form is included in Appendix D.

D.4 Site Plan Review Procedures

The City of East Moline currently has procedures for construction site plan review. The site plan reviewer ensures plan submittals are complete and properly address erosion and sediment control measures as well as ordinance BMP compliance. The checklists are updated to ensure all required ordinance items are included on a drawing, on the checklist, or in a report, including but not limited to, erosion and sediment control, drainage patterns, easements, stormwater controls, etc. Checklists are updated as necessary. The review checklist is included in Appendix D.

D.5 Public Information Handling Procedures

The City of East Moline has a designated phone number that is advertised for the public to utilize with any concerns regarding construction site erosion and sediment control or tracking. Concerns are documented and investigated immediately. Appropriate actions are taken after each investigation. In addition, all NPDES permitted sites within East Moline can be found using a link on the city's website. Website information, helpful links, and complaint websites can be found in Appendix A.

D.6 Site Inspection/Enforcement Procedures

The City of East Moline performs construction site inspection for private and public projects as needed. Construction inspectors for city projects have been educated on the importance of erosion and sediment control, and inspection and maintenance issues. Construction site inspections are documented, and photographs are taken when needed. Issues of non-compliance are addressed immediately to the permit holder in the form of personal contact and a courtesy communication if needed. Follow up visits are performed and, if necessary, court appearances and fines are utilized to ensure compliance with the Stormwater Ordinance. If inspections reveal situations of imminent threat or danger, necessary steps are put in place immediately and enforcement action is taken as appropriate. Inspections and enforcement procedures are updated and modified as needed. An example of a logged site inspection and follow up is included in Appendix D.

Using the EPA website referenced in the MS4 permit, the Mississippi River and Rock River adjacent to the City of East Moline do not appear to have TMDL's or other water quality plans. Therefore, specific sampling of discharges has not yet been required by the City of East Moline. The TMDL mapping report has been included in Appendix D.

E. POST-CONSTRUCTION RUNOFF CONTROL

For the Post-Construction Runoff Control component of the NOI, the City of East Moline committed to completing E.2 Regulatory Control Program, E.3 Long Term Operation and Maintenance Plan, E.4 Pre-Construction Review of BMP Designs, E.5 Site Inspection During Construction, E.6 Post-Construction Inspection, E.7 Other Post-Construction Runoff Controls. Using the EPA website referenced in the MS4 permit, the Mississippi River and Rock River adjacent to the City of Moline do not appear to have TMDL's or other water quality plans. Therefore, specific sampling of discharges has not yet been required by the City of Moline. Each individual task is outlined in the paragraphs below.

E.2 Regulatory Control Program

The City of East Moline's Stormwater Ordinance requires review of plans submitted for all permitted projects. Those plans must include post construction stabilization measures as well as sediment control measures staying in place until proper stabilization goals are met. Inspections are performed until the proper stabilization is achieved and the project is closed out. The current Stormwater Ordinance requires the permit holder on a project of one acre or more of land disturbance to submit the NOI and NPDES permit from the IEPA prior to issuance of a local permit. Excerpts from the ordinance can be found in Appendix D.

E.3 Long Term Operation and Maintenance Plan

Erosion controls implemented by the city or individuals are intended to be short term. Once the ground is stabilized, the erosion controls are removed by the appropriate party. Any maintenance and inspections procedures for short-term BMPs implemented are outlined in permits. Individual property owners on Class 2 permitted projects are responsible for inspection and maintenance of their individual long-term stormwater features. Maintenance and responsibility language are required in the information submitted to the city for review.

A long-term BMPs for sediment control includes the city's objective to complete at least one large erosion project. The design for a large-scale ravine project was constructed in 2023/2024 reporting year. Projects will be selected based on life safety issues, then sediment loss. Additionally, the city also has a street sweeping program that includes one person on 3rd shift street sweeping main and residential streets daily. A list of priority sites has been started and the city's street sweeping routes are included in Appendix E.

E.4 Pre-Construction Review of BMP Designs

The city holds a pre-construction meeting for all city projects to discuss BMP implementation, schedules, installation, maintenance, and inspection. On all private projects, the plan reviewer discusses BMPs with the potential permittee prior to permit approval. Inspections are performed on all city projects and permitted projects. Pre-construction meetings and review processes will be modified appropriately to address the review of BMP designs. An example of a pre-construction meeting minutes is included in Appendix E.

E.5 Site Inspections During Construction

The City of East Moline conducts construction site inspections on permitted and city projects as needed. Violations are documented and addressed appropriately. An example of a logged site inspection can be found in Appendix D.

E.6 Post-Construction Inspection

The City of East Moline contractors continue the inspection process until proper ground stabilization is achieved. For city projects and permitted projects over 1 acre, a bond is required. Bonds are not released until proper ground stabilization is achieved. Projects are not officially "closed out" until all disturbed areas are permanently stabilized. Where appropriate, a temporary Certificate of Occupancy (CO) is only issued if the site is at least seeded and protected. A permanent CO is not issued until full stabilization is achieved and erosion control measures can be removed.

E.7 Other Post-Construction Runoff Controls

Based on population, the city must visually inspect the outfalls along the Mississippi River. There are 6 discharges that outfall to the Mississippi. A USACE certified levee separates the City of East Moline storm sewer system and the Mississippi River, therefore gate wells and pumps are utilized to relieve runoff. Visual inspections are performed at the discharge or wet wells, depending on safe access, and is included in Appendix G.

F. POLLUTION PREVENTION/GOOD HOUSEKEEPING

For the Pollution Prevention/Good Housekeeping component of the NOI, the City of East Moline is committed to completing F.1 Employee Training Program, F.2 Inspection and Maintenance Program, F.3 Municipal Operations Stormwater Control, F.5 Flood Management/Assess Guidelines, and F.6 Other Municipal Operations Controls. Using the EPA website referenced in the MS4 permit, the Mississippi River and Rock River adjacent to the City of Moline do not appear to have TMDL's or other water quality plans. Therefore, specific sampling of discharges has not yet been required by the City of Moline. Each individual task is outlined in the paragraphs below.

F.1 Employee Training Program

The City of East Moline trains employees in pollution prevention and good housekeeping practices. Employees are instructed as to the proper disposal of waste, maintenance of vehicles and other good housekeeping measures. Inlet protection devices are used where appropriate on city property and are encouraged on all projects that result in ground disturbance. Training has been held regarding housekeeping practices, what to look for, what to report, and proper methods of cleaning, maintaining, and operating equipment while maintaining compliance with our permits and the Clean Water Act. See training materials in Appendix C.

F.2 Inspection and Maintenance Program

The City of East Moline monitors its existing facilities regarding proper pollution prevention measures. As new measures are needed, proper steps are taken. Where hazardous wastes or other pollutants can be eliminated or substituted for safer products, the city moves toward that goal. No incidents were reported this reporting year.

F.5 Flood Management/Assess Guidelines

The City is enrolled in the NFIP and reviews permits for construction in the floodplain. In addition, the Stormwater Ordinance addresses construction, detention, discharges to and construction around the flood plains, flood ways, and flood fringe. The City of East Moline did not give any new floodplain development authorizations in this reporting year. A blank Floodplain Development Authorization form can be found in Appendix F.

F.6 Other Municipal Operations Controls

The City of East Moline currently has a street sweeping program in place for regular sweeping when weather permits. Streets are done routinely or on an as needed basis depending on the area.

The Public Works webpage can be found in Appendix F. Examples of all other referenced programs can be found in Appendix A-E.

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

General examples of information referenced in this report can be found in Appendices A-F.

During the reporting year and under the guidance of the MS4 NPDES Permit, the City of East Moline has completed BMP's as outlined within this report. Additionally, the city has a visual screening of outfalls/gate wells along the Mississippi River. An example of the inspection and results are included in Appendix G. A written plan and quarterly visual inspections have been completed.

City of East Moline
Phase II Annual Report
Permit No. ILR400330

D. Attach summary of the stormwater activities you plan to undertake during the next reporting cycle (including an implementation schedule).

The city will continue with all measures set forth in the current NOI and NPDES permit.

City of East Moline
Phase II Annual Report
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E. Attach notice that you are relying on another government entity to satisfy some of your permit obligations (if applicable).

The City of East Moline is not relying on another government entity to satisfy any of our permit obligations.

City of East Moline
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F. Attach a list of construction projects that your entity has paid for during the reporting period.

City of East Moline projects for which a NPDES permit was obtained during the reporting year include:

No NPDES permits obtained for this reporting period.

A



CITY OF EAST MOLINE
Engineering Department

June 14, 2022

The Andersons
2957 9 ½ Street
East Moline, IL 61265

NOTICE OF VIOLATION
CEASE AND DESIST ORDER

It has come to the City's attention that a significant amount of dumping has taken place at the south side of the 30th Avenue between 10th Street and the north end of 9th Street Court (see attached aerial). That area is part of a natural drainage way that is intended for stormwater drainage. Additionally, the area is city owned right of way and not for use of dumping or otherwise.

Illegal dumping in the drainage ways and drainage easements causes stream blockages and backups as well as ravine erosion. Ravines, creeks, ditches, culverts, and other similar areas are part of the storm water drainage system of the City of East Moline and are not to be used for dumping of any material. Dumping in a drainage way not only violates the City's Stormwater Ordinance, but also Illinois Environmental Protection Agency, and United States Environmental Protection Agency regulations.

Additionally, it is also a violation to dump on city property. Again, this excessive dumping is causing erosion issues and may become a haven for rodents, as well as a safety issue for city personnel trying to maintain the area and the utilities in it.

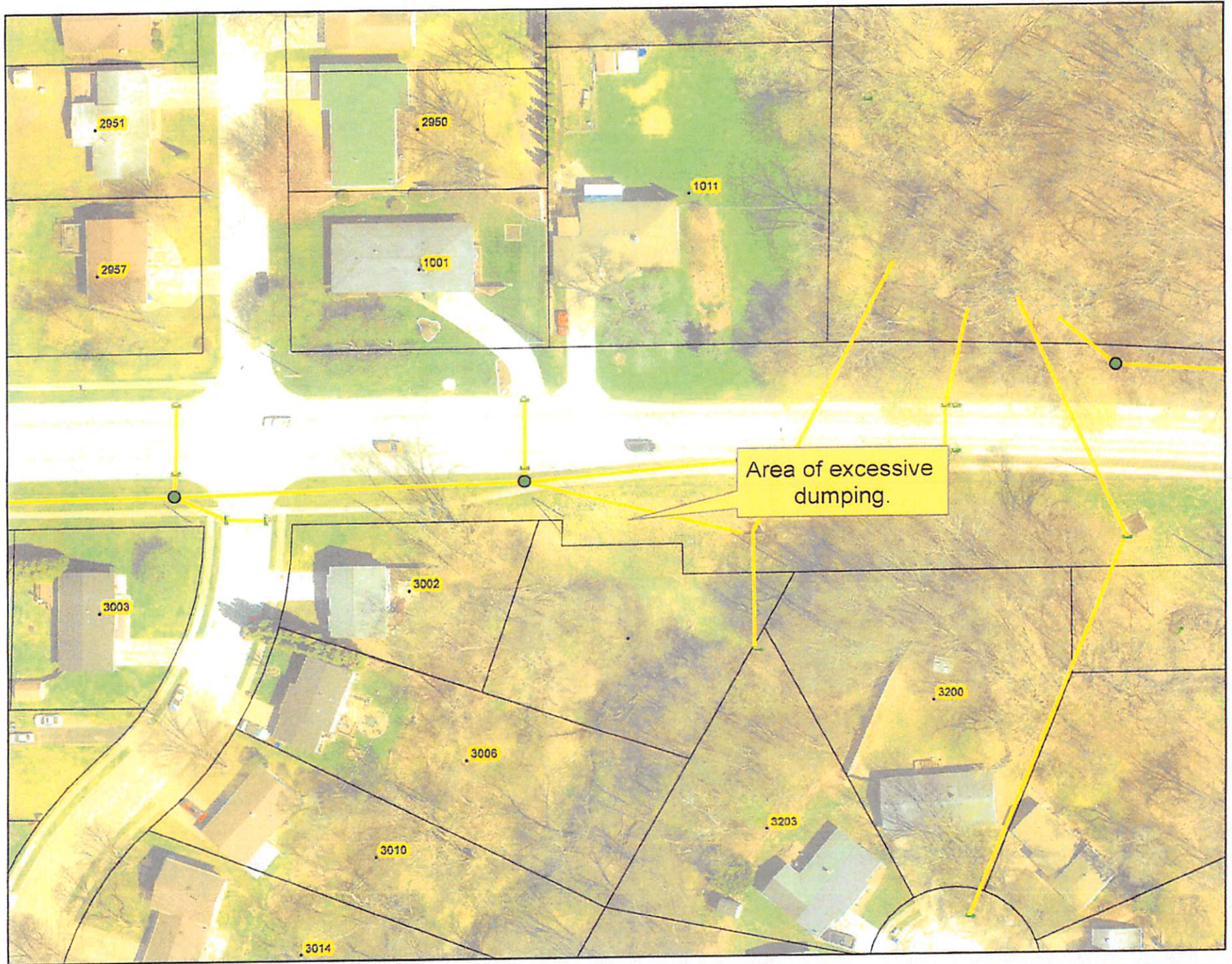
The city offers ways for proper and legal disposal. Photographic evidence indicates you are dumping lawn waste from your riding mower – **you are ordered to cease and desist**. Additionally, the dumped materials must be removed and disposed of properly.

Please contact me at 751-2310 to discuss your plan for removal and proper disposal and/or if you'd like to discuss further.

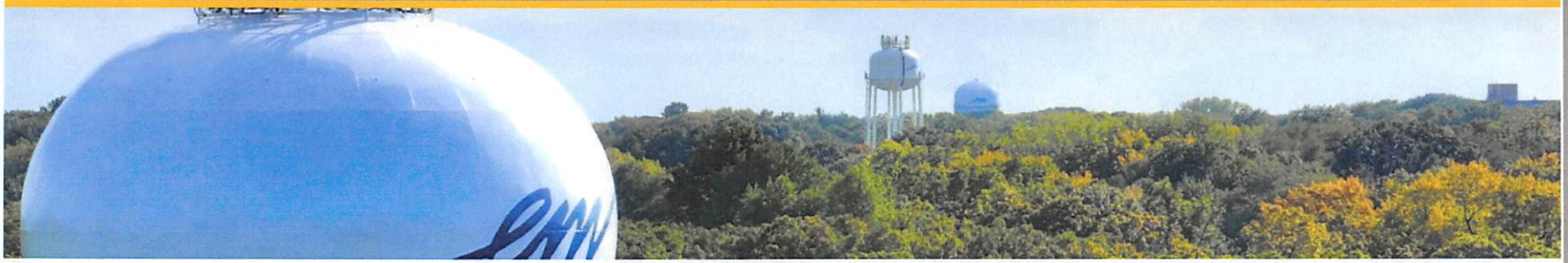
Sincerely,



Erica K. Williams
Engineering and Zoning Departments, City of East Moline







- Stormwater Utility
- Forms
- IEPA Stormwater Reports

Home · Departments · Engineering · Stormwater

Stormwater

What is stormwater?

Stormwater is the runoff that results from precipitation. As this water flows over construction sites, farm fields, lawns, driveways, parking lots, and streets, it picks up sediment, nutrients, bacteria, metals, pesticides, and other pollutants. Unlike sanitary sewers that go to a treatment plant, most stormwater discharges directly to local water bodies. Increasing amounts of impervious surfaces in the City, such as roof tops, driveways, parking lots, and streets, decrease the ability of the water to soak into the ground, thus increasing the potential for flooding from greater volumes of runoff entering the city's storm sewer and drainage system at a faster rate.

Why does stormwater have to be managed?

Stormwater is managed to protect homes, property, the environment, streams, and rivers from damage due to flooding, pooling, erosion and harmful pollutants. Stormwater runoff must be channeled through a system of pipes, culverts, ditches, swales, catch basins, and storm drains before it can be safely discharged into local streams and rivers. Even if a property has never flooded, the stormwater that flows off that property must be managed so that it doesn't contribute to flooding in other areas.

Need

Contact Us



Erica Williams

Stormwater Manager
[Email Erica Williams](#)
Ph: 309-751-2310
Fx: 309-752-0634

Engineering & Maintenance
Services Facility
1200 13th Ave.
East Moline, IL 61244
[Directions](#)

Hours are 7 a.m. to 4:00 p.m.
Monday through Friday

[Staff Directory](#)

Select Language
Google Translate

East Moline Stormwater Utility

Stormwater Utility improvements are required for many reasons, including:

- ✓ Repairs to the City's deteriorated levee system so that the levees may be acceptably certified to FEMA and maintain their 100-year flood protection rating.
- ✓ Improvements to deteriorated ravine drainage structures caused by erosion.
- ✓ Repair or replace collapsing and/or aging culverts, storm sewers, inlets, detention facilities, check dams, control structures, and other drainage infrastructure.
- ✓ The City must comply with newly mandated and unfunded Federal and State regulations regarding the amount and quality of stormwater that can be discharged into rivers and streams. This program's intent is to reduce discharge of pollutants from the storm sewer system, protect all tributaries, and improve water quality.
- ✓ The projected cost of repairs and improvements will be millions of dollars.

Why is the Stormwater utility fee needed?

In order to meet new, federally-mandated regulations for discharging stormwater and pay for the associated stormwater infrastructure costs, the City of East Moline has implemented a stormwater fee rather than raise property taxes or cut services. A survey of East Moline's existing stormwater infrastructure found them in disrepair and in need of significant repairs.



City of East Moline, IL

If you have any questions about the City's Stormwater utility, contact:

City of East Moline
Engineering Department
1200 13th Avenue
East Moline, Illinois 61244
Phone: 309.752.1595
Fax: 309.752.0634
<http://www.eastmoline.com>



City of East Moline



Stormwater Utility



December 2011



PERMIT REQUIREMENTS

To obtain a permit for underground utilities and/or directional boring, submit the following:

- 1) Detailed Site Plan
- 2) Utility Accommodation Permit Form & Fee
- 3) Bond
- 4) Insurance

Submit all documents and direct questions to:
Joseph Miller
jmiller@eastmoline.com
309/752-1540

For more information visit:
www.eastmoline.com/government/engineering



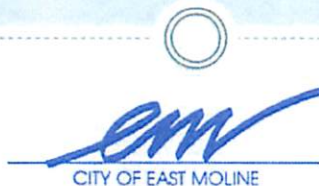
City of East Moline
Engineering Department
1200 13th Avenue
East Moline, Illinois 61244

City Contacts:
To obtain a permit:
Joseph Miller
309/752-1540

After you have a permit:
Eric McLaughlin
309/752-1773

Erosion & Sediment Control:
Erica Williams
309/751-2310

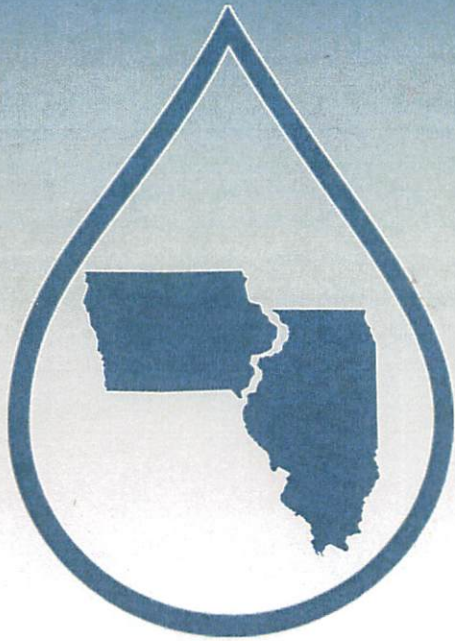
Helpful Info:
www.eastmoline.com
www.idot.illinois.gov
www.epa.illinois.gov
Manual on Uniform Traffic
Control Devices
IDOT Highway Standards
Illinois Urban Manual



Underground Utility Guidelines



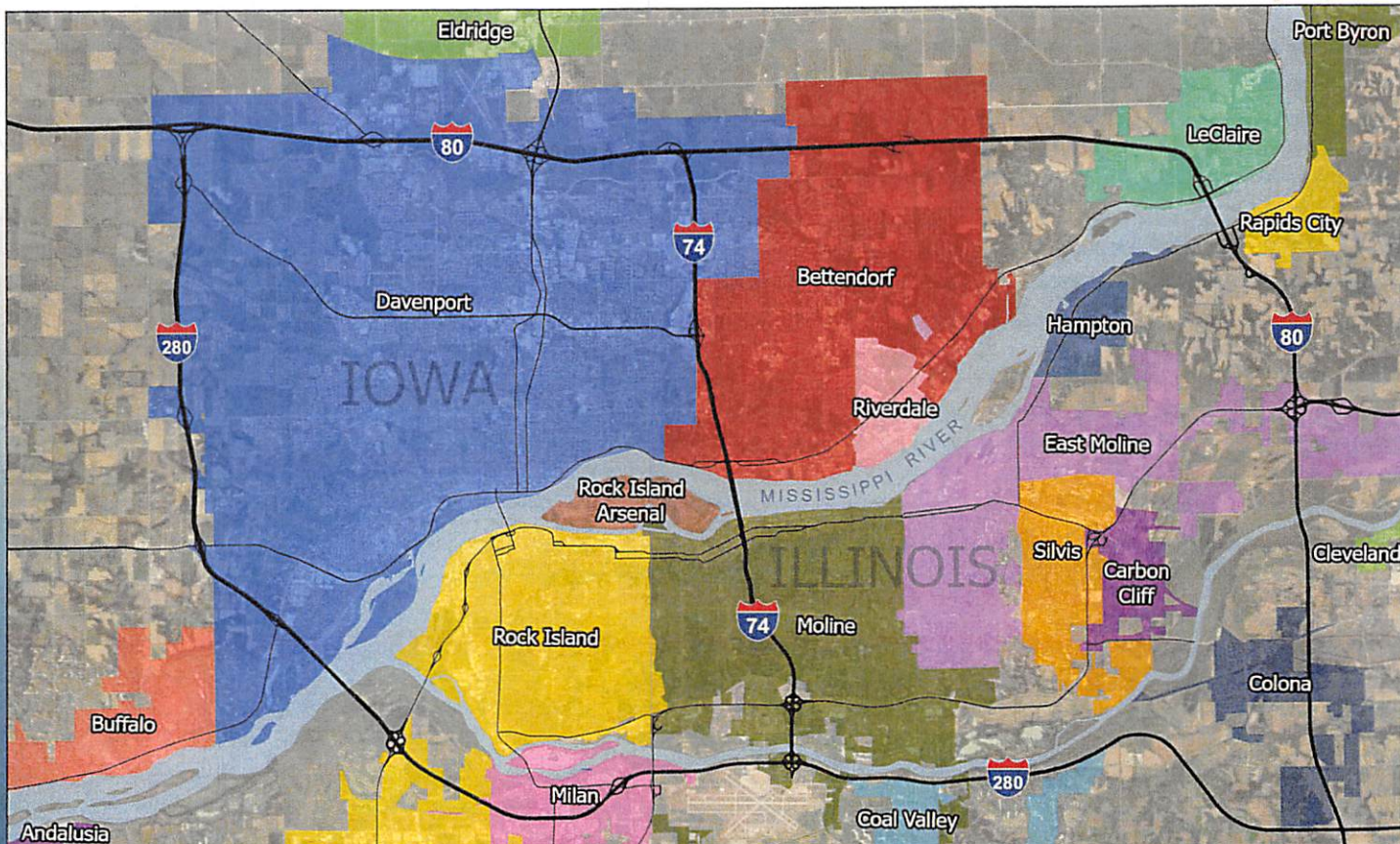
City of East Moline
To obtain a permit: 309/752-1540
After you have a permit: 309/752-1773



*Connecting the drops
for water quality!*

10th Annual Quad Cities Stormwater Conference

Conference Agenda & Bios



AGENDA

AT A GLANCE

8:00—8:30 Breakfast/Check In/Exhibitors

8:30 Joint Session Begins

8:30—8:40 Welcome and Housekeeping

Bob Vitas & Andy Parer

8:40—9:05 IL EPA Permit Updates

Casey Perry

9:05—9:30 IL Urban Manual

Patrick McPartlan

9:30—10:00 ISWMM Updates

Greg Pierce

10:00—10:15 Exhibitors and Break

10:15—11:00 Local Project—Amazon

Susanne Knutson, Marc Harpole

11:00—11:45 Local Watershed Assessments

Michael Reisner

11:45—1:00 Lunch and Exhibitors

1:00 Breakout Sessions Begin

Tract A—Water Quality BMPs and Permitting

1:00—1:30 Rain Gardens

Vicki Morrical

1:30—2:15 Stream Bank Stabilization

Amy Kay

2:15—2:30 Exhibitors and Break

2:30—3:10 WOTUS Update

Kirsten Brown

Tract B—Environmental Projects

1:00—1:30 In-Stream E.coli Removal & PSCW

Steve Gustafson, Liv Humphry

1:30—2:15 Phase I Environmental Survey

Alisa Allen

2:15—2:30 Exhibitors and Break

2:30—3:10 Trash Study

Dawn Temple, Steve Gustafson

3:10—3:20 Regroup for Ending Joint Session

3:20—4:00 From the Bottom Up

Chad Pregracke

4:00—5:00 Prize Drawings and Reception!

Professional Development Hours

A Certificate of Attendance will be provided to all who attend the conference with 6.0 PDHs

Presented by:

Andy Parer, City of Moline

Dawn Temple, City of Moline

Erica Williams, City of East Moline

Andy Tysma, City of Rock Island

Rob DePover, City of Bettendorf

Amy Kay, City of Davenport

Rich Stewart, Joey Deloian and Danya Kraklio,
RI Soil & Water Conservation District

Kelly Humphrey, Rock Island County

Reception Special Guest Musician Levi Craft



Conservation Success Stories

The 10th Annual Stormwater Conference

The 10th annual Quad Cities Stormwater Conference was held on February 22nd, 2024 at Bally's Hotel and Casino in Rock Island, IL. There were 147 local professionals in attendance who were able to hear presentations from both Illinois and Iowa regarding urban and rural stormwater updates, water quality best management practices, and local environmental projects effecting stormwater. A highlight of the conference was getting to hear how Chad Pregracke got started with his river trash cleanup program, Living Lands and Waters. At the end of the day we had a beer tasting and social hour where attendees could sample beer from Bent River Brewing.



We had 16 exhibitors present at the conference and many other generous sponsors from around the Quad Cities who donated prizes for the raffle. The municipalities responsible for the coordination of the QC Stormwater Conference are Rock Island County SWCD, the cities of Rock Island, Moline, East Moline, Davenport, Bettendorf, and Rock Island County Zoning Department.



Catch the Latest on Ponds Clinic



We had approximately 65 people attend the Catch the Latest on Ponds Clinic on Saturday, March 9th at Western Illinois University-QC campus in Moline, IL. IDNR Fish Biologist, Dave Wyffels presented information on pond management including aquatic weed control, fish stocking rates, and other information for landowners who own ponds or are thinking about building a pond on their property.

If you were not able to attend the clinic, but would still like a copy of the presentation given, contact our office and we can email you a copy as a pdf.

QCCA Show Booths

The SWCD staff hosted a booth at the Quad City Farm Show on January 14-16 at the QCCA Expo Center in Rock Island. Information on cover crops, and other conservation Best Management Practices were presented to farmers who attended the event. At our booth, we encouraged people to participate in our "Soil your Undies" Challenge, which tests your soils health by burying a pair on 100% cotton underwear and digging it up 6 weeks later so see how much they break down. The challenge was even featured on local WQAD Channel 8!

The staff also had a booth at this year's Flower and Garden Show held March 24-26 also at the QCCA Expo Center. Native plants that can be used for pollinator plots and rain gardens were shown at the booth.



Thirstin's

**Wacky
WATER**

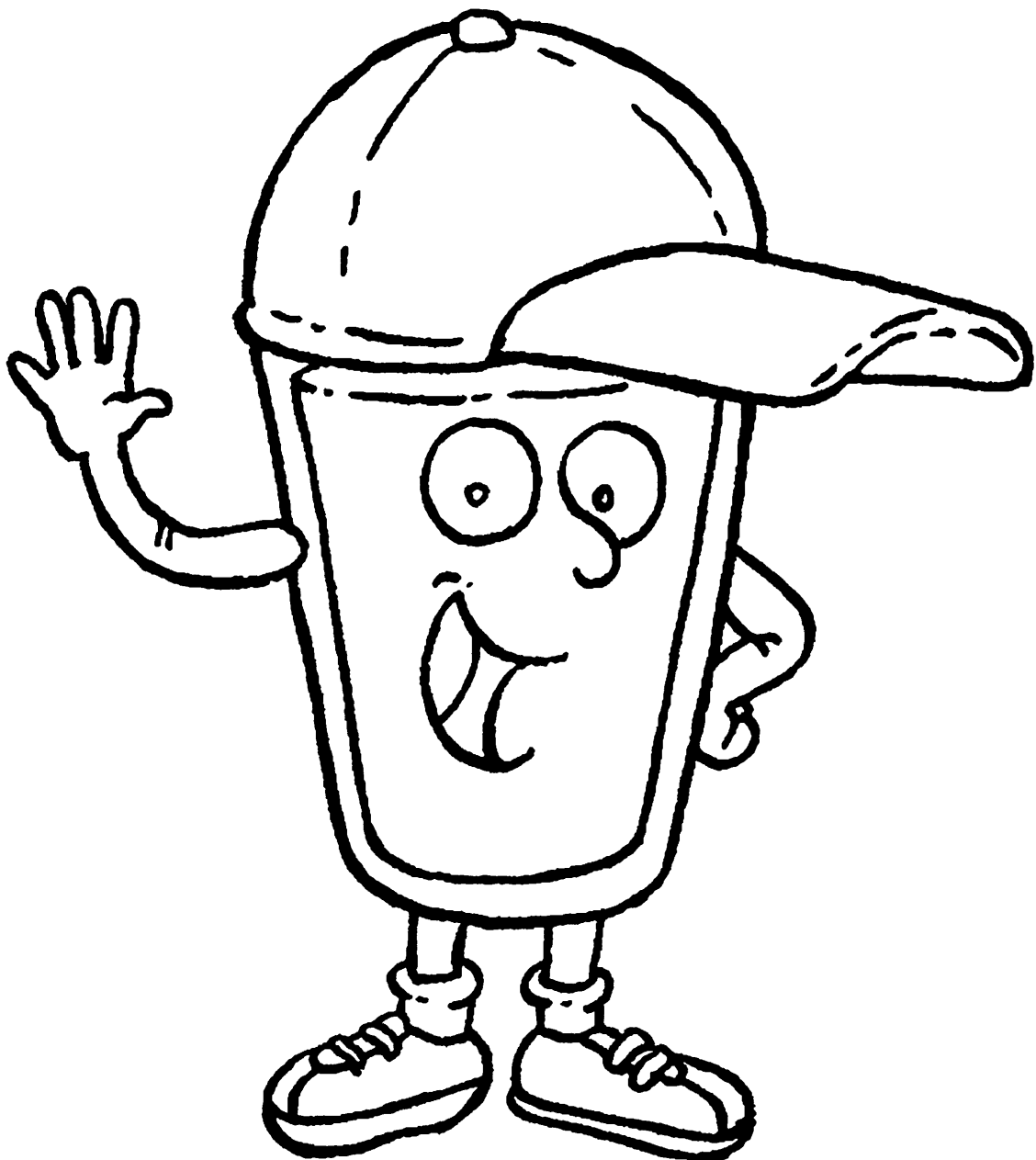


Adventure

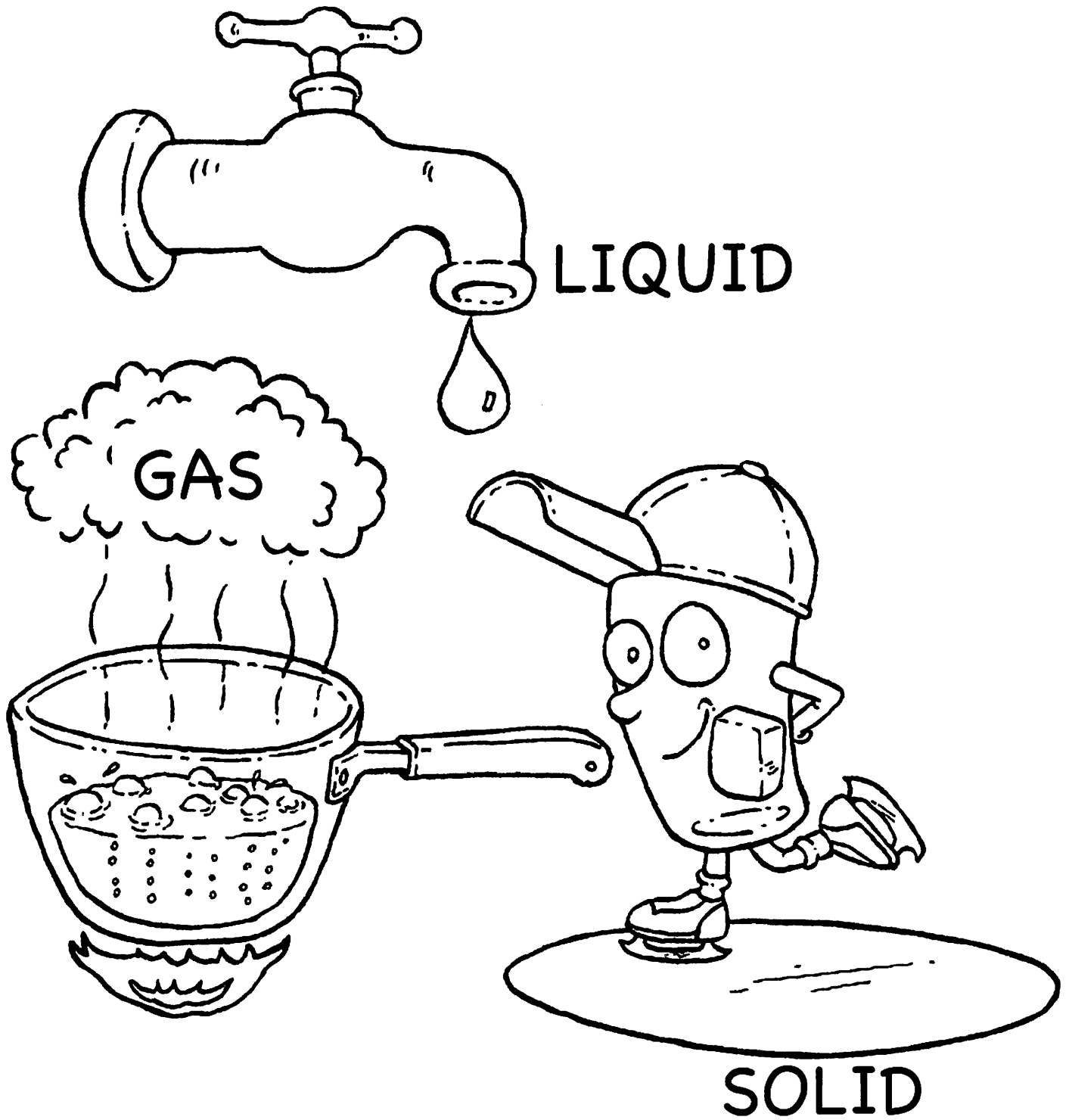


Hello, my name is Thirstin. I am here
to talk about protecting and conserving
DRINKING WATER.

Follow me and I'll show you some fun facts
and activities about water.



Water comes in three different forms:



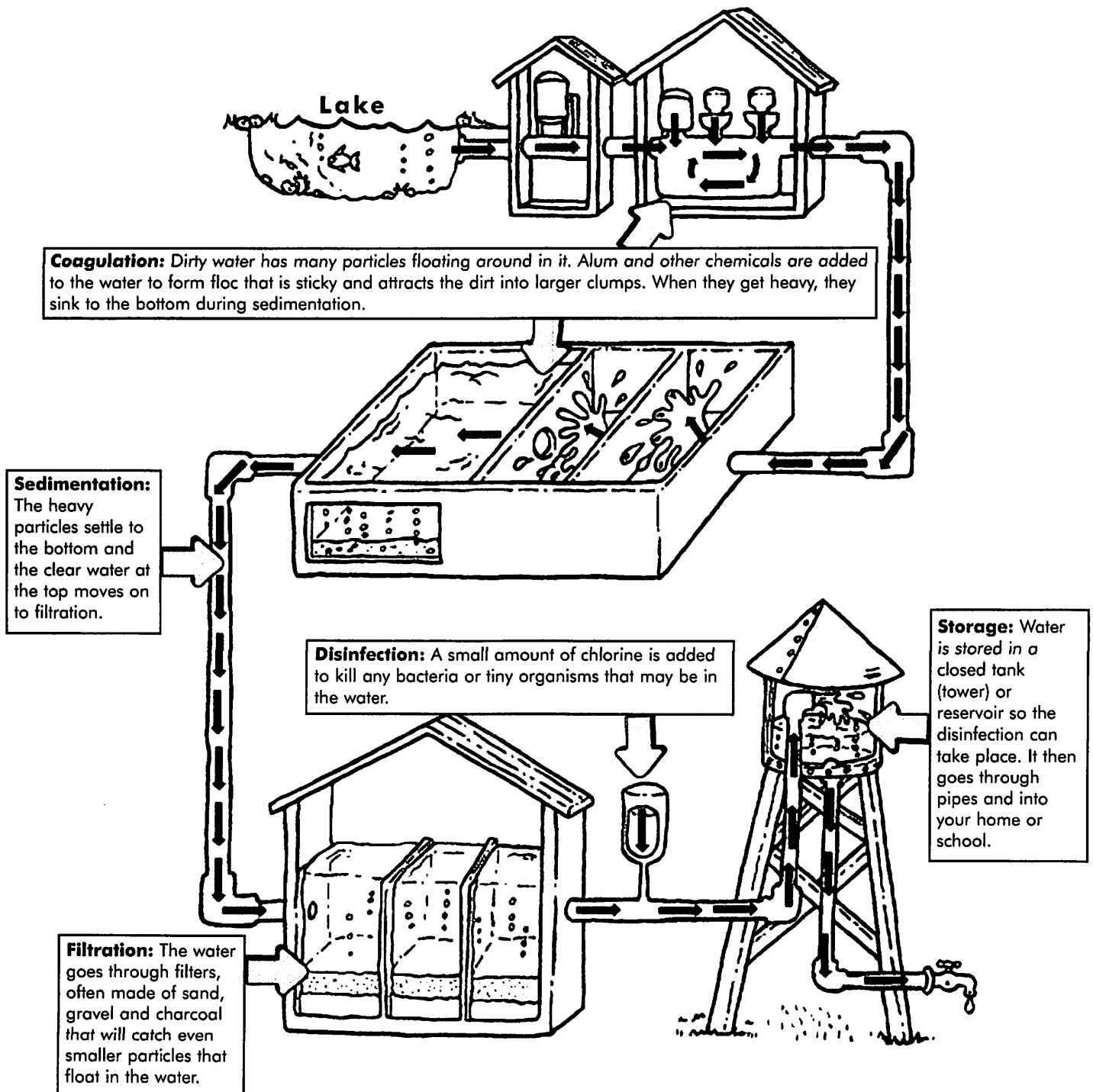
Coagulation: Dirty water has many particles floating around in it. Alum and other chemicals are added to the water to form floc that is sticky and attracts the dirt into larger clumps. When they get heavy, they sink to the bottom during sedimentation.

Sedimentation: The heavy particles settle to the bottom and the clear water at the top moves on to filtration.

Disinfection: A small amount of chlorine is added to kill any bacteria or tiny organisms that may be in the water.

Storage: Water is stored in a closed tank (tower) or reservoir so the disinfection can

Water can get dirty, so before we can drink it, it must be clean. Water is cleaned at a Treatment Plant and then sent to our homes through pipes.



***** Proof of Publication *****

STATE OF ILLINOIS)
COUNTY OF ROCK ISLAND)
CITY OF EAST MOLINE)

The undersigned, hereby certifies that Lee Enterprises, Incorporated is a corporation, existing and doing business under the laws of the State of Delaware, licensed to do business in the State of Illinois, is publisher of The Dispatch/Rock Island Argus, and further certifies that the public notice attached hereto, was printed and published in said newspaper 1 time(s) in each week for 1 successive week (s), for publication dates as listed below.

EAST MOLINE ENGINEERING DEPARTMENT

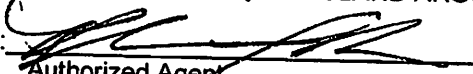
1200 13TH AVENUE
EAST MOLINE IL 61244

ORDER NUMBER 177010

LEE ENTERPRISES, further certifies that The Dispatch/Rock Island Argus is now and has been for more than one year continuously, a daily secular newspaper of general circulation published in the City of East Moline, County of Rock Island, State of Illinois, and further certifies that said newspaper has been continuously published at a regular interval of more than once each week with more than a minimum of fifty issues per year for more than one year prior to the first publication of the notice, and further certifies that The Dispatch/Rock Island Argus is a newspaper as defined by the Statutes of the State of Illinois in such cases made and provided, and further hereby certifies that the annexed notice is a true copy, and has been regularly published in said paper.

Dated this 14 day of February, 2024

LEE ENTERPRISES, INCORPORATED
d/b/a THE DISPATCH/ROCK ISLAND ARGUS

By: 
Authorized Agent

Section: Legals

Category: 2520 Miscellaneous Notice

PUBLISHED ON: 02/14/2024

TOTAL AD COST: 204.80

FILED ON: 2/14/2024

***** Proof of Publication *****

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COUNTY OF ROCK ISLAND)
CITY OF EAST MOLINE)

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EAST MOLINE ENGINEERING DEPARTMENT

1200 13TH AVENUE
EAST MOLINE IL 61244

ORDER NUMBER 177048

LEE ENTERPRISES, further certifies that The Dispatch/Rock Island Argus is now and has been for more than one year continuously, a daily secular newspaper of general circulation published in the City of East Moline, County of Rock Island, State of Illinois, and further certifies that said newspaper has been continuously published at a regular interval of more than once each week with more than a minimum of fifty issues per year for more than one year prior to the first publication of the notice, and further certifies that The Dispatch/Rock Island Argus is a newspaper as defined by the Statutes of the State of Illinois in such cases made and provided, and further hereby certifies that the annexed notice is a true copy, and has been regularly published in said paper.

Dated this 14 day of February, 20 24

LEE ENTERPRISES, INCORPORATED
d/b/a THE DISPATCH/ROCK ISLAND ARGUS

By: 
Authorized Agent

Section: Legals

Category: 2520 Miscellaneous Notice

PUBLISHED ON: 02/14/2024

TOTAL AD COST: 70.97

FILED ON: 2/14/2024

**NOTICE OF PUBLIC HEARING
TO WHOM IT MAY CONCERN:**

The East Moline Plan Commission will hold a public hearing for consideration of a Planned Unit Development of The Quarter Subdivision No. 4. Said property is located along the 100 block of Beacon Harbor Circle in the City of East Moline, Rock Island County, Illinois.

The above-described property is set forth on a location map which is available for public inspection during regular business hours, 7:00 a.m. to 3:30 p.m. at the City of East Moline Engineering and Maintenance Service Building, 1200 - 13th Avenue, East Moline, Illinois.

Prior to forming a decision and in accordance with the statutes pertaining thereto, it is hereby announced that a public hearing will be held on Tuesday, February 27, 2023 at 6:00 p.m. in the Council Chambers of City Hall, 915 16th Avenue, East Moline, Illinois.

The appropriate services are provided to the disabled attending public meetings.
Call (309) 752-1599 for arrangements.

Submitted By:
/s/ Tim Kammler
Tim Kammler, P.E.
Director of Engineering



Greater Downtown East Moline Revitalization Project

Public Information Meeting #1 – Bend Streetscaping

02/21/24

Mayor's Opening Remarks

- Thank you all for being here and for being a part of the success of this project.
- I'm Reggie Freeman, Mayor of East Moline.
- I'm happy to be here to help kick off our first of **four** public meetings this year as part of our Greater Downtown East Moline Revitalization Project.
- This project was developed over years of conversations with members of our community.
 - It builds on public and private investments to redevelop the old factory sites into The Bend and The Rust Belt, as well as ongoing work of our East Moline Main Street Association and other partners downtown.
- As this redevelopment has gone on, we heard residents asking for better connections to the riverfront through the Bend and along the Rust Belt. We heard downtown business owners asking for more outdoor space for patrons and pedestrians. And we heard the desire for investment to revitalize all of downtown through better transportation infrastructure.
- That's why we applied for federal funds for this project. Our project was selected in a competition against infrastructure programs across the country – and the nearly \$24 million in federal funds we were awarded specifically for our Greater Downtown project!
- Now we're moving forward through the design process to make this project a reality.
- This project is about safety, connectivity, and economic development for our city.
- This is a big investment from the city and our partners. But we know this project will help reinvigorate our downtown and improve East Moline for generations to come.
- As we design these exciting improvements, it's important that we continue to get feedback from the community to make sure that these improvements reflect the needs of our residents, our businesses, and our visitors. That's why we're here today.
- Tim and his team will talk more about the details and how we're putting this design together.
- Again, thank you for being here and I look forward to any questions.

EJScreen Community Report

This report provides environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

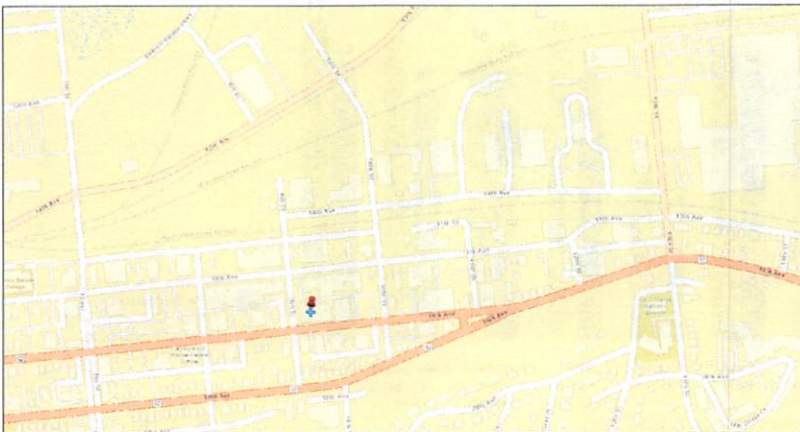
East Moline, IL

3 miles Ring Centered at 41.515521,-90.440466

Population: 50,711

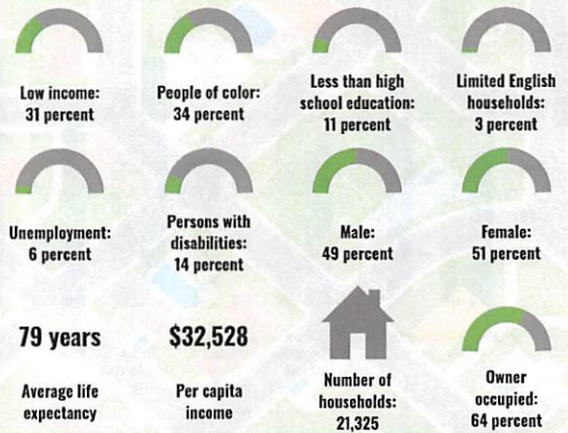
Area in square miles: 28.27

A3 Landscape



May 29, 2021
 1:14,511
 0.25 0.5 0.75
 0 0.25 0.5 0.75
 Miles
 The Community Map Projections tool is a JavaScript application that converts geographic coordinates to map coordinates. It is based on the U.S. Census Bureau's American Community Survey (ACS) 2017-2021. Life expectancy data comes from the Centers for Disease Control.

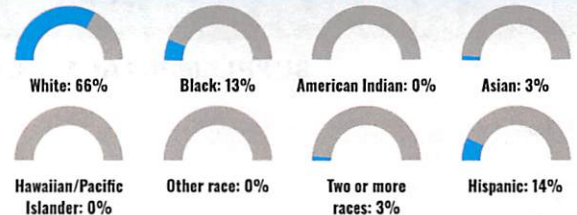
COMMUNITY INFORMATION



LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
English	84%
Spanish	8%
French, Haitian, or Cajun	3%
Other Indo-European	1%
Other Asian and Pacific Island	2%
Other and Unspecified	2%
Total Non-English	16%

BREAKDOWN BY RACE



BREAKDOWN BY AGE



LIMITED ENGLISH SPEAKING BREAKDOWN



Notes: Numbers may not sum to totals due to rounding. Hispanic population can be of any race. Source: U.S. Census Bureau, American Community Survey (ACS) 2017-2021. Life expectancy data comes from the Centers for Disease Control.

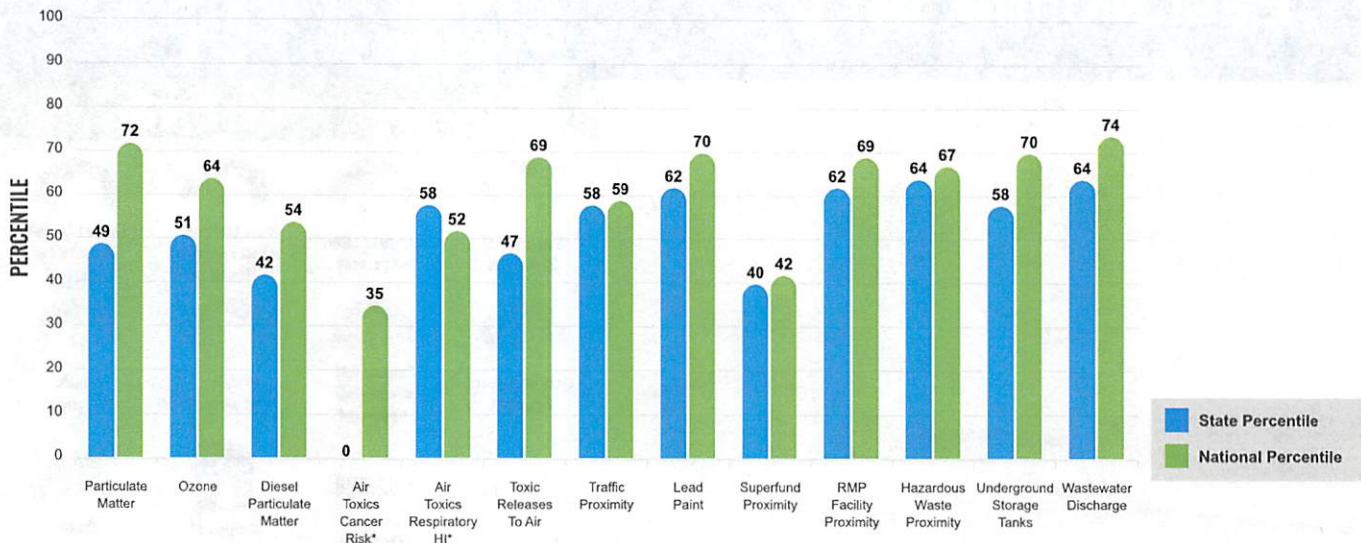
Environmental Justice & Supplemental Indexes

The environmental justice and supplemental indexes are a combination of environmental and socioeconomic information. There are thirteen EJ indexes and supplemental indexes in EJScreen reflecting the 13 environmental indicators. The indexes for a selected area are compared to those for all other locations in the state or nation. For more information and calculation details on the EJ and supplemental indexes, please visit the [EJScreen website](#).

EJ INDEXES

The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.

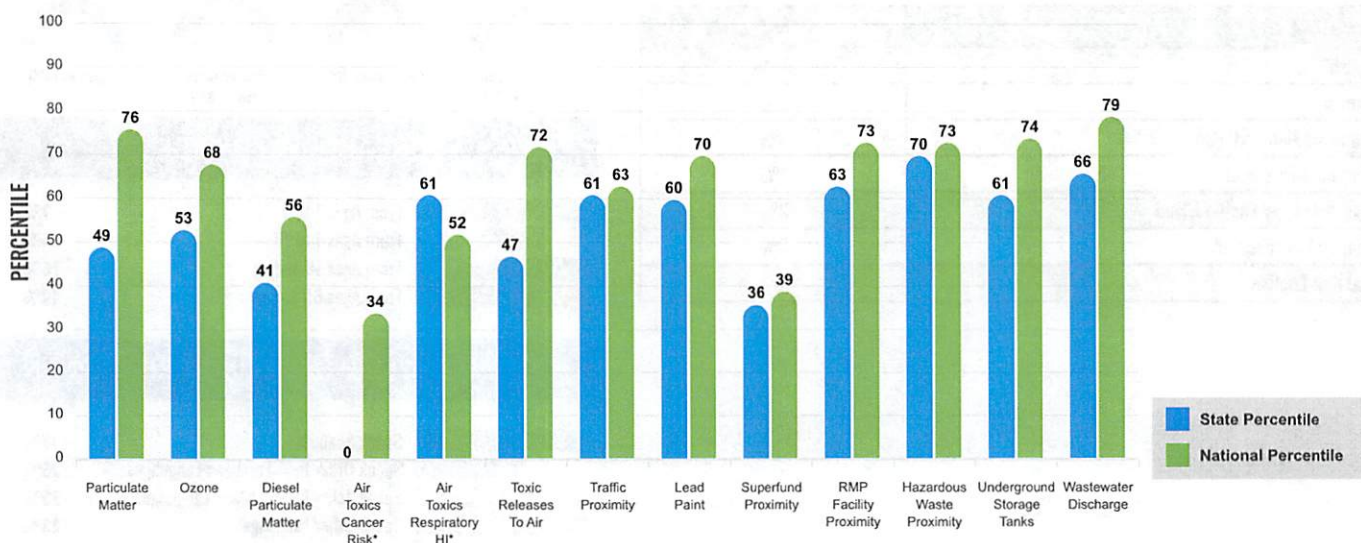
EJ INDEXES FOR THE SELECTED LOCATION



SUPPLEMENTAL INDEXES

The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on percent low-income, percent linguistically isolated, percent less than high school education, percent unemployed, and low life expectancy with a single environmental indicator.

SUPPLEMENTAL INDEXES FOR THE SELECTED LOCATION



These percentiles provide perspective on how the selected block group or buffer area compares to the entire state or nation.

Report for 3 miles Ring Centered at 41.515521,-90.440466

EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
POLLUTION AND SOURCES					
Particulate Matter ($\mu\text{g}/\text{m}^3$)	8.99	9.44	30	8.08	73
Ozone (ppb)	62	63.6	34	61.6	57
Diesel Particulate Matter ($\mu\text{g}/\text{m}^3$)	0.19	0.358	26	0.261	42
Air Toxics Cancer Risk* (lifetime risk per million)	20	24	0	25	5
Air Toxics Respiratory HI*	0.28	0.29	0	0.31	4
Toxic Releases to Air	1,600	6,000	30	4,600	68
Traffic Proximity (daily traffic count/distance to road)	100	200	55	210	57
Lead Paint (% Pre-1960 Housing)	0.42	0.44	47	0.3	67
Superfund Proximity (site count/km distance)	0.03	0.095	23	0.13	27
RMP Facility Proximity (facility count/km distance)	0.44	0.72	58	0.43	74
Hazardous Waste Proximity (facility count/km distance)	1.6	1.7	65	1.9	70
Underground Storage Tanks (count/km ²)	5.6	8.6	54	3.9	79
Wastewater Discharge (toxicity-weighted concentration/m distance)	1.9	38	69	22	93
SOCIOECONOMIC INDICATORS					
Demographic Index	33%	34%	58	35%	55
Supplemental Demographic Index	14%	14%	59	14%	57
People of Color	34%	39%	54	39%	53
Low Income	31%	29%	61	31%	57
Unemployment Rate	6%	7%	62	6%	67
Limited English Speaking Households	3%	4%	69	5%	70
Less Than High School Education	11%	11%	64	12%	60
Under Age 5	7%	6%	64	6%	66
Over Age 64	18%	17%	61	17%	60
Low Life Expectancy	19%	20%	43	20%	45

*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: <https://www.epa.gov/haps/air-toxics-data-update>.

Sites reporting to EPA within defined area:

Superfund	0
Hazardous Waste, Treatment, Storage, and Disposal Facilities	6
Water Dischargers	45
Air Pollution	121
Brownfields	8
Toxic Release Inventory	21

Other community features within defined area:

Schools	24
Hospitals	3
Places of Worship	45

Other environmental data:

Air Non-attainment	No
Impaired Waters	Yes

Selected location contains American Indian Reservation Lands*	No
Selected location contains a "Justice40 (CEJST)" disadvantaged community	Yes
Selected location contains an EPA IRA disadvantaged community	Yes

Report for 3 miles Ring Centered at 41.515521,-90.440466

EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	19%	20%	43	20%	45
Heart Disease	6.9	5.7	72	6.1	65
Asthma	9.7	9.7	56	10	43
Cancer	7.2	6.1	71	6.1	72
Persons with Disabilities	14%	12.1%	68	13.4%	59

CLIMATE INDICATORS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	9%	11%	60	12%	61
Wildfire Risk	0%	0%	0	14%	0

CRITICAL SERVICE GAPS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	13%	14%	54	14%	56
Lack of Health Insurance	7%	7%	59	9%	50
Housing Burden	No	N/A	N/A	N/A	N/A
Transportation Access	Yes	N/A	N/A	N/A	N/A
Food Desert	Yes	N/A	N/A	N/A	N/A

Report for 3 miles Ring Centered at 41.515521,-90.440466

EJScreen Community Report

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East Moline, IL

8 miles Ring Centered at 41.515521,-90.440466

Population: 219,835

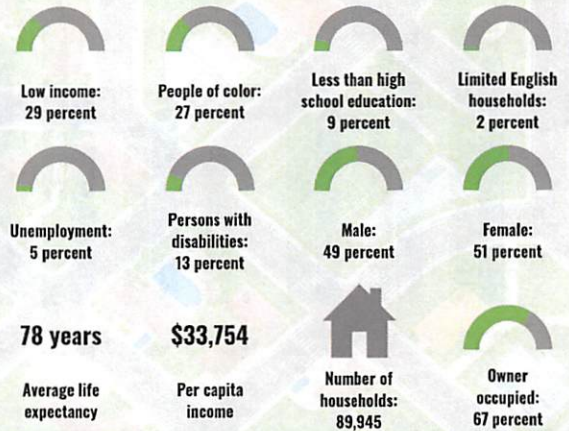
Area in square miles: 200.96

A3 Landscape



May 29, 2021
 1:4 0.11
 0 0.48 0.97 1.94
 0 0.50 1.00 2.00
 For Desktop: Open StreetMap, Bing, © 2021
 For Mobile: Google, © 2021, © 2021, © 2021
 © 2021, © 2021, © 2021, © 2021, © 2021

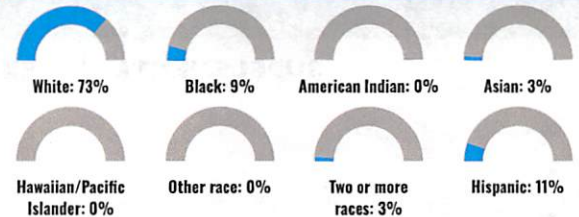
COMMUNITY INFORMATION



LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
English	89%
Spanish	6%
French, Haitian, or Cajun	1%
Other Indo-European	1%
Other Asian and Pacific Island	1%
Other and Unspecified	1%
Total Non-English	11%

BREAKDOWN BY RACE



BREAKDOWN BY AGE



LIMITED ENGLISH SPEAKING BREAKDOWN



Notes: Numbers may not sum to totals due to rounding. Hispanic population can be of any race. Source: U.S. Census Bureau, American Community Survey (ACS) 2017-2021. Life expectancy data comes from the Centers for Disease Control.

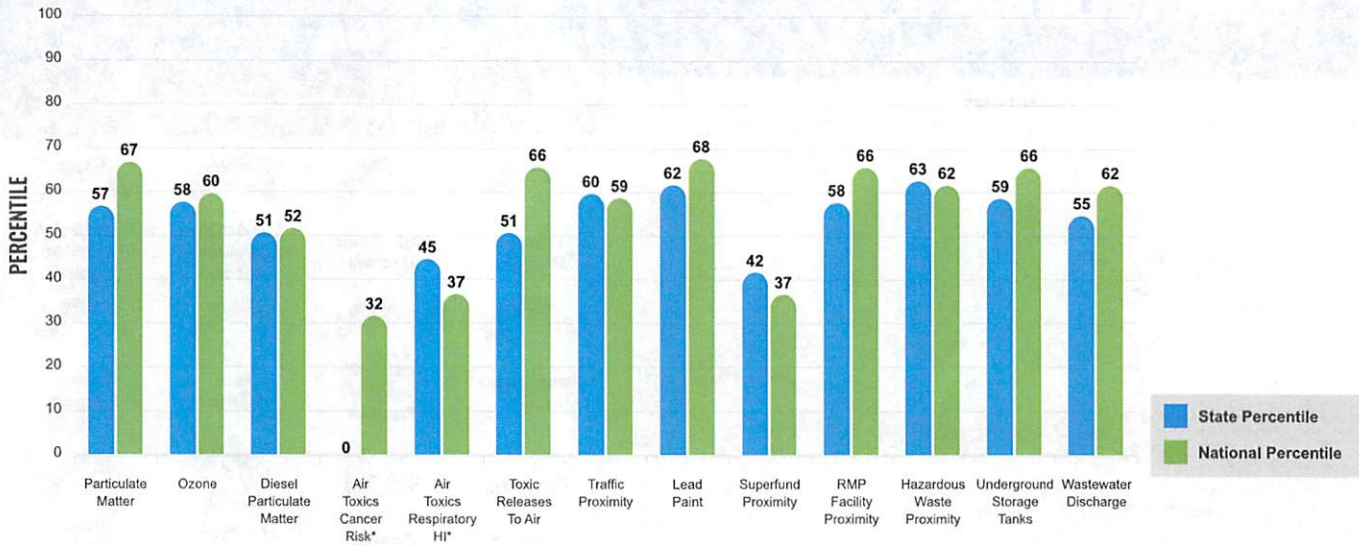
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The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.

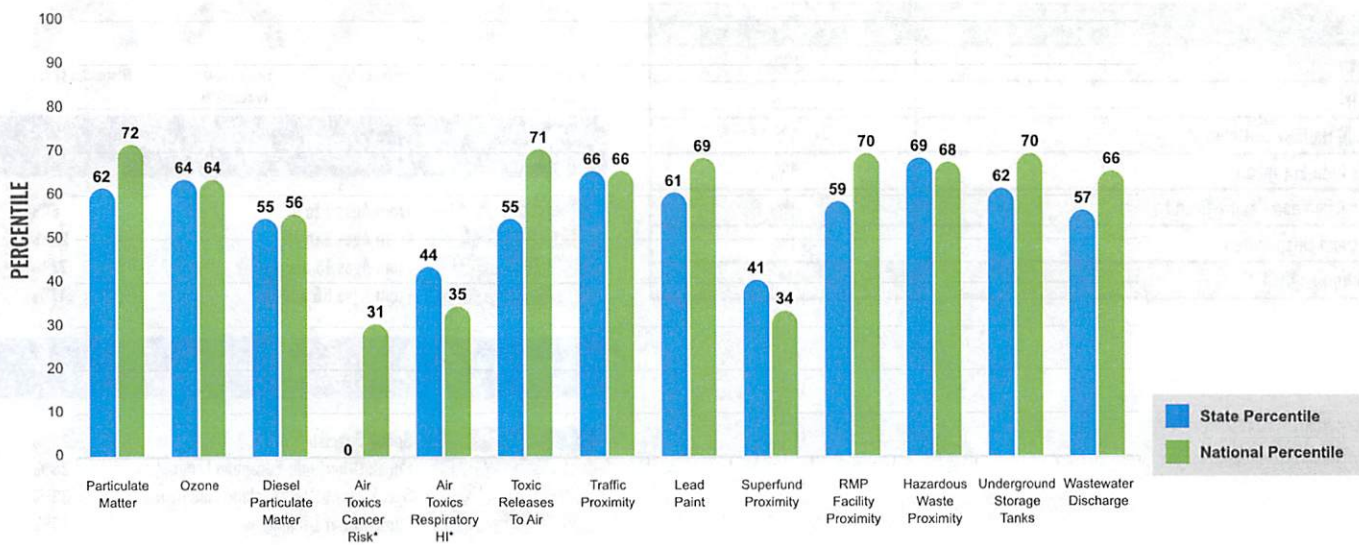
EJ INDEXES FOR THE SELECTED LOCATION



SUPPLEMENTAL INDEXES

The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on percent low-income, percent linguistically isolated, percent less than high school education, percent unemployed, and low life expectancy with a single environmental indicator.

SUPPLEMENTAL INDEXES FOR THE SELECTED LOCATION



These percentiles provide perspective on how the selected block group or buffer area compares to the entire state or nation.

Report for 8 miles Ring Centered at 41.515521,-90.440466

EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
POLLUTION AND SOURCES					
Particulate Matter ($\mu\text{g}/\text{m}^3$)	8.98	9.44	30	8.08	73
Ozone (ppb)	62	63.6	34	61.6	57
Diesel Particulate Matter ($\mu\text{g}/\text{m}^3$)	0.203	0.358	29	0.261	46
Air Toxics Cancer Risk* (lifetime risk per million)	20	24	0	25	5
Air Toxics Respiratory HI*	0.24	0.29	0	0.31	4
Toxic Releases to Air	1,700	6,000	31	4,600	69
Traffic Proximity (daily traffic count/distance to road)	190	200	74	210	73
Lead Paint (% Pre-1960 Housing)	0.46	0.44	51	0.3	71
Superfund Proximity (site count/km distance)	0.029	0.095	23	0.13	27
RMP Facility Proximity (facility count/km distance)	0.47	0.72	59	0.43	75
Hazardous Waste Proximity (facility count/km distance)	1.3	1.7	59	1.9	66
Underground Storage Tanks (count/km ²)	4.7	8.6	50	3.9	76
Wastewater Discharge (toxicity-weighted concentration/m distance)	1.4	38	66	22	92
SOCIOECONOMIC INDICATORS					
Demographic Index	28%	34%	52	35%	48
Supplemental Demographic Index	13%	14%	53	14%	52
People of Color	27%	39%	47	39%	46
Low Income	29%	29%	57	31%	53
Unemployment Rate	5%	7%	55	6%	60
Limited English Speaking Households	2%	4%	64	5%	65
Less Than High School Education	9%	11%	57	12%	53
Under Age 5	6%	6%	59	6%	61
Over Age 64	17%	17%	58	17%	57
Low Life Expectancy	19%	20%	45	20%	46

*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: <https://www.epa.gov/haps/air-toxics-data-update>.

Sites reporting to EPA within defined area:

Superfund	0
Hazardous Waste, Treatment, Storage, and Disposal Facilities	12
Water Dischargers	138
Air Pollution	347
Brownfields	51
Toxic Release Inventory	43

Other community features within defined area:

Schools	68
Hospitals	31
Places of Worship	184

Other environmental data:

Air Non-attainment	No
Impaired Waters	Yes

Selected location contains American Indian Reservation Lands*	No
Selected location contains a "Justice40 (CEJST)" disadvantaged community	Yes
Selected location contains an EPA IRA disadvantaged community	Yes

Report for 8 miles Ring Centered at 41.515521,-90.440466

EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	19%	20%	45	20%	46
Heart Disease	6.2	5.7	60	6.1	54
Asthma	9.8	9.7	64	10	49
Cancer	6.6	6.1	59	6.1	59
Persons with Disabilities	12.4%	12.1%	58	13.4%	49

CLIMATE INDICATORS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	9%	11%	62	12%	63
Wildfire Risk	0%	0%	0	14%	0

CRITICAL SERVICE GAPS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	13%	14%	54	14%	56
Lack of Health Insurance	6%	7%	53	9%	45
Housing Burden	Yes	N/A	N/A	N/A	N/A
Transportation Access	Yes	N/A	N/A	N/A	N/A
Food Desert	Yes	N/A	N/A	N/A	N/A

Report for 8 miles Ring Centered at 41.515521,-90.440466



915 16TH AVENUE
EAST MOLINE IL 61244
309-752-1530

PAY BY PHONE: 1-855-329-0344
PAY ONLINE: www.xpressbillpay.com

CITY OF EAST MOLINE
WATER DEPARTMENT

Customer Account Number [REDACTED]		Customer Type RES INSIDE
Due Date 12/16/2022	Amount Due 59.16	After Due Date 64.13
Service Address 3551 3RD ST B		Amount Enclosed AUTO PAY - DO NOT PAY

MAKE CHECK PAYABLE AND MAIL YOUR PAYMENT TO:

*****AUTO**SCH 5-DIGIT 61254

AA 2 1/1 P1 T1



AUTO PAY - DO NOT PAY

Please detach

Account Number [REDACTED]
QUESTIONS PLEASE CALL
(309) 752-1530

Name [REDACTED]

Service Address
3RD ST B



Type of Service	Meter ID	Readings				Usage in 100 cf
		Previous	Current	Previous	Current	
WATER USAGE	33305108	10/17/22	11/16/22	841	844	3

Messages

Help keep our storm sewers flowing; Keep all gutters, ravines, and inlets free from leaves and snow. Your downstream neighbors thank you!

City offices will be closed December 23rd, 26th, 30th and January 2nd.

Billed Usage

PREVIOUS BILL	85.58
ADJUSTMENT(S)	.00
PAYMENT(S)	85.58-
BALANCE FORWARD	.00
WATER CHARGES	3 23.37
WATER BILLING FEE	3.82
SEWER CHARGES	3 15.26
SEWER BILLING FEE	3.43
STORM WATER	2.61
GARBAGE FEE	10.67

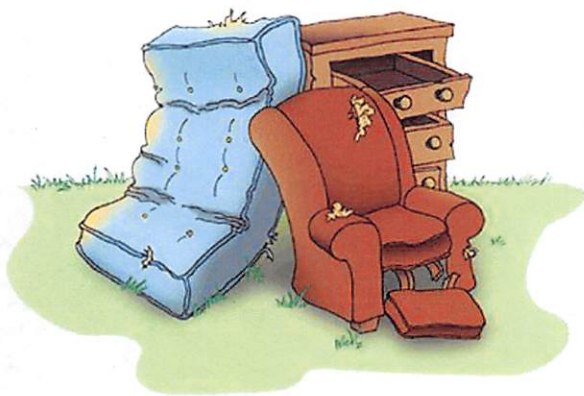
CURRENT CHARGES 59.16
TOTAL AMOUNT DUE \$59.16

Mail Correspondence to:

CITY OF EAST MOLINE WATER DEPARTMENT
915 16TH AVENUE
EAST MOLINE IL 61244

Customer Account Number 16-0920-01	Bill Date 11/30/2022	Due Date 12/16/2022	Amount Due 59.16	After Due Date 64.13
---------------------------------------	-------------------------	------------------------	---------------------	-------------------------

PAY BY PHONE: 1-855-329-0344
PAY ONLINE: www.xpressbillpay.com



Bulky Item Collection

Items curbside by 6 AM the **MONDAY** of your week (see below) will be picked up sometime during the week.

Monday – Tuesday Routes
April 10th – 14th

Thursday – Friday Routes
April 17th – 21st

Items Not Allowed: electronics (televisions, computers, etc), construction materials, small or loose items that don't fit in your regular garbage must be boxed.

Appliances (up to 4/year) and tires (up to 10/year) can be picked up for free, please call 1-877-934-5378 and schedule an appointment.

Spring Yard Waste

MONDAY, APRIL 3RD - FRIDAY, APRIL 28TH

No Stickers Needed

Put out on regular garbage day



Important Phone Numbers

City of East Moline Contacts	
To add recycling service - Finance Office 915 16 th Avenue	309-752-1530
Property Maintenance Issues	309-752-1510
Bulky Item Collection - Scheduling	309-752-1573
Reporting Potholes	309-752-1573
To Report Illegal Burning Burn days: Mon. Wed. Sat. 8 AM – 5 PM	309-797-0402
Stray Animals	309-797-0402
For all other concerns	309-752-1599
Republic Garbage Services	
Missed Garbage or Recycling	563-823-1323
Other Disposal Services	
Scott County E-Waste	563-823-0119
Scott County Hazardous Material Disposal	563-381-1300
Tire/Appliance Disposal	1-877-934-5378



CITY OF EAST MOLINE

Source Water Protection Plan

2023

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01

Source Water
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Committment

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03

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04

Our Strategy

Source Water Protection Commitment

VISION STATEMENT

Developed by Brianna Huber, Director of Water Filtration

East Moline's Source Water Protection Program is committed to ensuring the safety, quantity, and sustainability of the City's drinking water source through a proactive, collaborative, equitable and inclusive approach.

SOURCE WATER PROTECTION RESOURCES

- Annually, East Moline allocates staff time and money for activities related to source water protection. This includes, but is not limited to combined and sanitary sewer overflow inspections, outfall inspections, construction, detention, and discharge requirements for construction and other projects, employee training on waste disposal, and inspection and maintenance of water intakes. East Moline does not have any combined or sanitary sewer outfalls that discharge directly to the Mississippi River.
- As necessary, East Moline confers and works with the Army Corp of Engineers to protect our source water.
- East Moline is a member of the Upper Mississippi River Water Suppliers Coalition. The primary goals of the Coalition include enhanced monitoring of natural river changes and enhanced spill response readiness.
- East Moline is a member of the QC USCG Area Maritime Steering Committee (AMSC). The responsibilities of the Committee include identifying risks and determining mitigation strategies and implementation methods.

- East Moline is a member of the Upper Mississippi River Basin Association (UMRBA). The Association's mission includes facilitating discussion, study and evaluation of river-related issues, and facilitating and fostering cooperative planning and coordinated management of the region's water and related land resources.
- East Moline is home to the new Living Lands and Waters Floating Barge Education Center

SOURCE WATER PROTECTION BARRIERS

Shared Responsibility

East Moline's source water is the Mississippi River, one of the largest rivers in the World. It provides drinking water to 50 major cities as it passes through 10 states, covering 2,350 miles. Being a major commerce and transportation route, several people and businesses depend on the river for a variety of purposes. This, combined with the fact that its waters are regulated by several different regulatory agencies make protection of water quality a shared and intricate responsibility.

Agriculture & Industry

East Moline and the Quad Cities Area is home to and south of several major potential industrial polluters, including 3M, Cordova Nuclear Power Plant, John Deere Harvester, Alcoa, Arconic, and more.

Major Transportation Routes

The Mississippi River itself, the railways that run along both the Illinois and Iowa Mississippi River, and the major interstate bridges that cross the Mississippi River in the Quad City area are all major transportation routes. Routes that transport waterway contaminants such as anhydrous ammonia, chlorine, toluene, benzene, and more.

Source Water Protection Committment

SOURCE WATER PROTECTION BARRIERS CONTINUED

Limited Resources

Source water protection is one of many priorities for the City of East Moline, and like most communities, East Moline must balance competing needs with limited resources to best serve our residents and visitors.

Gaps in Community Awareness

While East Moline provides outreach and education to its residents and visitors about the importance of source water protection, it is difficult to reach everyone that interacts with the river and ensure they fully understand the importance of protecting the water quality. This can lead to gaps in awareness and misinformation.

Source Water Assessment

IMPORTANCE OF SOURCE WATER

As one of the world's largest rivers, the Mississippi River is an important source of fresh water in the United States. East Moline treats water from one intake in the Mississippi river to supply water to its 21,000 residents, as well as an additional 1,700 people through wholesale to neighboring communities.

DEPENDENT WATER SUPPLIES

East Moline currently supplies water via wholesale to Hampton, IL.

DELINEATION OF SOURCES

The surface water supply for the City of East Moline is the Mississippi River, which encompasses the headwaters in Minnesota and Wisconsin to the confluence near Cairo, Illinois. Locally, the focus for this plan, that impacts the East Moline water supply, are watersheds located here and northward to the Illinois border, which are: the Copperas-Duck running from Rock Island, IL/Davenport, IA north to Clinton, IA; the lower Wapsipinicon, feeding into the Mississippi River north of Rock Island, IL/Davenport, IA but south of Clinton, IA; and the Apple Plum, running north of Clinton, IA from Savanna, IL north to Dubuque, IA. This portion of the river encompasses navigation pools 14 and 15. This water source is the 15th largest river in the world, and in addition to being a source of drinking water for approximately 50 water suppliers, it is also a major transportation route and recreational resource for people.

Source Water Assessment

DELINEATION OF SOURCES CONTINUED

Industrial and urban development dominates land use in pool 15, while pool 14 is dominated by industrial and urban development in the upper third of the pool, but the middle portion of the pool has many islands, side channels and backwaters.

Exhibit A shows the watershed from Clinton, IA to Rock Island, IL/Davenport, IA.

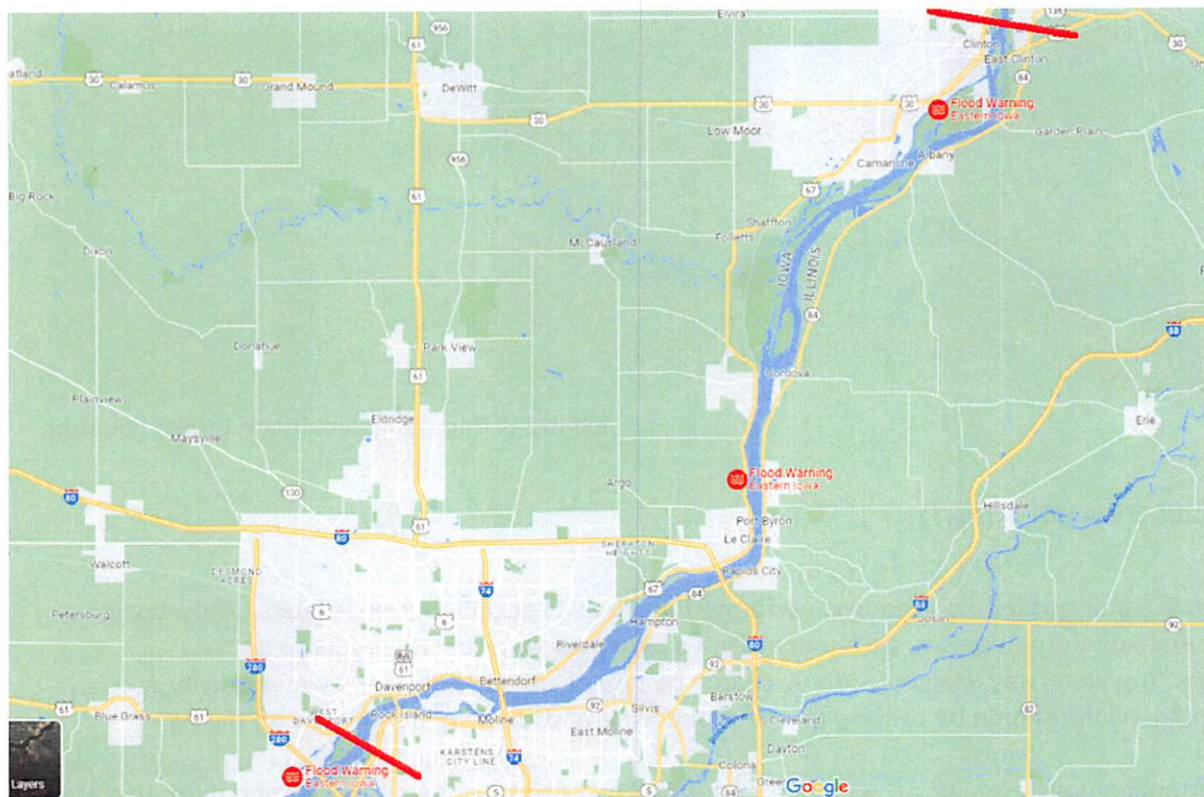


Exhibit A: Mississippi River Pools 14 & 15

Source Water Assessment

Exhibit B shows an approximate location of East Moline's intake. It is offshore, north of East Moline's water treatment plant.

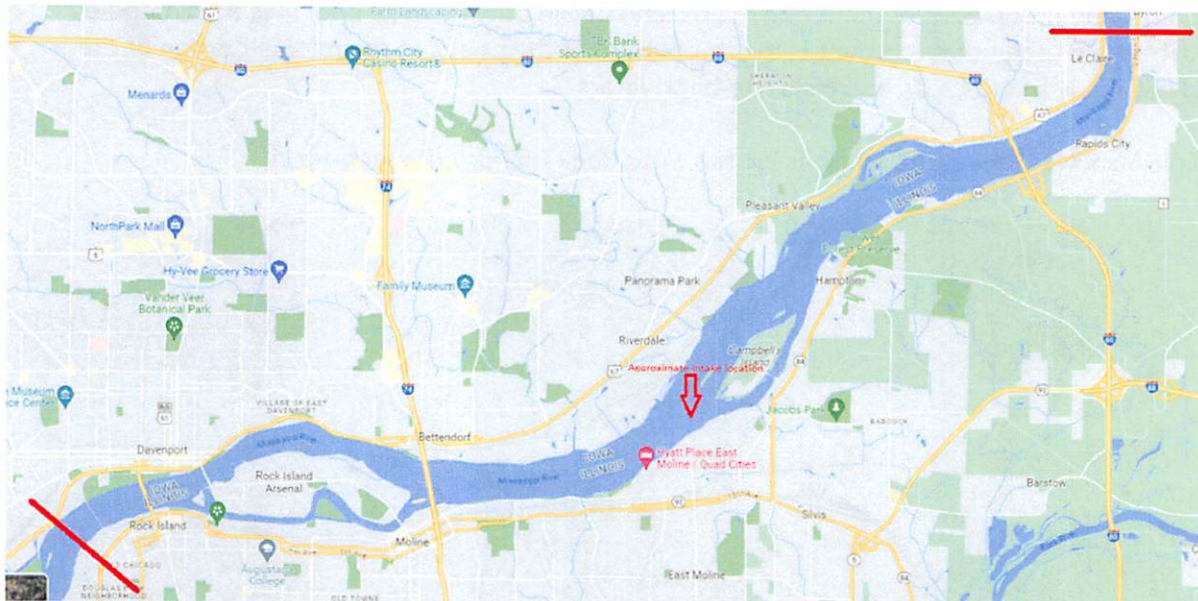


Exhibit B: Pool 15 Approximate Intake Location

SOURCE WATER QUALITY

Ample water quality monitoring is performed on Pools 14 and 15. Current results of this basic watershed information can be found at 'How's My Waterway', an EPA resource, at <https://mywaterway.epa.gov/>. Simply search by city or zip code and view water quality and condition information by clicking on the 'monitoring' and 'drinking water' tabs on the right.

Contaminant water quality monitoring performed on both source (raw) water and finished water by East Moline includes monthly total organic carbon (TOC) which can be seen in Table 1, and quarterly per- and polyfluoroalkyl substances (PFAS) which can be seen in Table 2.

Source Water Assessment

Table 1: Raw and Finished Water Total Organic Carbon (TOC) Results in Parts per Million (PPM)

Date	Raw	Finished
5/24/22	13	3.6
6/20/22	10	4.4
7/26/22	8.8	3.7
8/29/22	16	3
Sept. 22	No sample	No sample
10/4/22	8.8	2.9
11/8/22	7	2.7
12/6/22	6.7	2.9
1/3/23	5.7	2.8
2/14/23	11	3.2
3/14/23	7.8	2.7
4/11/23	7.5	3.3

Source Water Assessment

POTENTIAL SOURCE WATER CONTAMINANTS

There are several potential sources of source water contamination in East Moline. First, a primary potential source of contamination is spills from barge transportation, shore-side industry, shore-side rail systems, and recreational boating in or near the river. A second potential source of source water contamination is agricultural runoff of nitrogen, phosphorus and other chemicals used in agriculture. A third potential source of source water contamination is shore-side industrial outfalls.

SOURCE WATER SUCCEPTIBILITY TO CONTAMINATION

Being a surface water that is open to the public for recreation, lined with industry, many of which hold discharge permits, and hosting a major transportation route, the Mississippi River is susceptible to contamination. For this reason, the IEPA requires treatment via coagulation, sedimentation, filtration and disinfection of surface water treatment supplies. In addition, East Moline is susceptible to unknown and unregulated contaminants, including PFAS and pharmaceuticals.

SOURCE WATER PROTECTION IN PLACE

The City of East Moline currently has several measures in place to protect our source water.

Intake design and location – East Moline intentionally and strategically designed our intake structure to protect the quality of the raw water being drawn in for drinking water treatment.

Intake locations are intentionally concealed and kept confidential to avoid intentional contamination. The intake rests well below the water's surface so that surface contaminants are minimized. The intake is also offshore, reducing impacts of shoreline contaminants.

Raw water quality monitoring – The City of East Moline Water Filtration Plant monitors raw water quality and makes treatment adjustments as necessary. East Moline receives alerts from the IEPA and other agencies when unusual events may lead to obscure water quality. As a member of the Upper Mississippi River Water Suppliers Coalition, UMRBA, and QC USCG AMSC, we communicate alerts with neighboring water suppliers and agencies who monitor and use Mississippi River water for other emergency management purposes.

Filter backwash wastewater – wastewater produced from filter backwashing is not discharged directly to the Mississippi. Instead it is discharged to our wastewater treatment facility for treatment.

Separate storm sewer system permit – to protect the Mississippi River from storm runoff contaminants, East Moline maintains a General Stormwater Permit for Municipal Separate Storm Sewer Systems (MS4). This permit requires permittees to develop and implement a comprehensive Storm Water Management Program (SWMP) that includes pollution prevention measures, treatment or removal techniques, monitoring, use of legal authority, and other appropriate measures to control the quality of storm water discharged to the storm drains and then into US waterways.

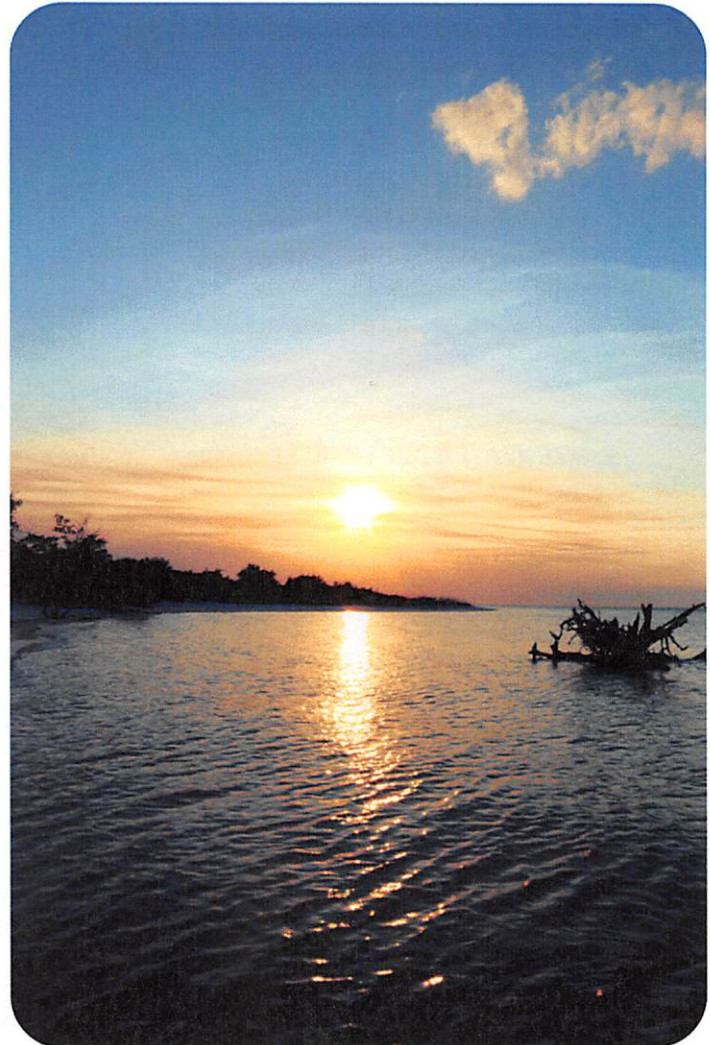
Source Water Assessment

SOURCE WATER PROTECTION IN PLACE CONTINUED

Stormwater Management Plan - East Moline has a Stormwater Management Plan to protect water quality and reduce contaminate discharge from its storm sewer system into surface waters. The plan includes public education and outreach, public participation, illicit discharge detection and elimination, construction site runoff control, post construction runoff control, and pollution prevention/good housekeeping procedures for various tasks. East Moline also performs annual street sweeping to prevent contaminants from entering waterways.

Membership in the QC PWS Coalition UMRBA, and QC USCG AMSC - The City of East Moline actively participates in each of these groups, all of which subscribe to goals around source water protection, spill detection, and water quality monitoring.

Community education and outreach - East Moline works to educate customers about the value of water, the benefit of protecting our source water, our water quality and careers in the water industry. We provide presentations at various schools throughout the City, post information on our website and social media to inform the public of the importance of safe, reliable water and what we are doing to ensure access to it. We also provide water filtration plant tours to the public.



Our Objectives

1

Ensure Long-Term Supply Availability

- Continue surface water level and quality monitoring
- Continue current and implement new projects that reduce water waste

2

Enhance Existing and New Partnerships Supporting Source Water Protection

- Continue active participation in regional water-focused and emergency-management focused groups
- Partner with neighboring utilities to create and post educational signage along the riverfront
- Partner with/support Living Lands and Waters to implement floating barge education center

3

Enhance Existing Outreach, Communication and Education

- Continue and enhance education and outreach presentations about water conservation and source water protection
- Provide messaging about source water protection on water bills annually
- Provide information about source water protection on our website

4

Continue and Improve Surface Water Quality Management

- Partner with neighboring utilities to commission a study to examine extent of per- and polyfluoroalkyl substance contamination, determine best methods for removal, as needed

Our Strategy

To meet our objectives, East Moline will continue current initiatives and add new initiatives as described below. Initiatives shall be funded through the City's general budget, capital improvement budget, and grant funding as necessary.

ACTION	TIMELINE	RESOURCES	OBSTACLES
Continue surface water level and quality monitoring	Continuous	<ul style="list-style-type: none"> • USGS monitoring • NWS monitoring • EM Water monitoring • Citizen monitoring 	<ul style="list-style-type: none"> • Monitoring equipment failure • Funding
Continue current and implement new projects that reduce water waste	Continuous	<ul style="list-style-type: none"> • Staff familiar and support current projects • Knowledge of tech that supports these projects 	<ul style="list-style-type: none"> • Lack of support for new projects • Lack of time/staff to complete strategy • Lack of funding
Continue active participation in regional water-focused and emergency-management focused groups	Continuous	<ul style="list-style-type: none"> • Staff familiar and support current projects • Established partner relationships 	<ul style="list-style-type: none"> • Lack of time/staff to complete strategy
Partner with neighboring utilities to create and post educational signage along the riverfront	2023-2024	<ul style="list-style-type: none"> • Well established relationships with neighboring utilities 	<ul style="list-style-type: none"> • Lack of support • Destruction or vandalism of educational signage • Funding to implement and maintain
Partner with/support Living Lands and Waters to implement floating barge education center	2023-continuous	<ul style="list-style-type: none"> • Project implementation currently underway • Staff familiar with and supports project 	<ul style="list-style-type: none"> • Not primary project facilitator or owner
Continue and enhance education and outreach presentations about water conservation and source water protection	Continuous	<ul style="list-style-type: none"> • Well established relationships with local schools • Multiple knowledgeable staff that can and are comfortable presenting 	<ul style="list-style-type: none"> • Finding time for staff to do presentations • Lack of funding for outreach materials
Provide messaging about source water protection on water bills annually	2023-continuous	<ul style="list-style-type: none"> • No funding needed to implement 	<ul style="list-style-type: none"> • Lack of space availability on water bills during some times of the year

Our Strategy

To meet our objectives, East Moline will continue current initiatives and add new initiatives as described below. Initiatives shall be funded through the City's general budget, capital improvement budget, and grant funding as necessary.

ACTION	TIMELINE	RESOURCES	OBSTACLES
Provide information about source water protection on our website	2023–continuous	<ul style="list-style-type: none"> No funding needed to implement 	<ul style="list-style-type: none"> Not all customers have access to, or understand how to use, the internet
Partner with neighboring utilities to commission a study to examine extent of per- and polyfluoroalkyl substance contamination, determine best methods for removal, as needed	2023–2024	<ul style="list-style-type: none"> Partnering on study may save money 	<ul style="list-style-type: none"> Lack of funding

City of East Moline Water Filtration Plant

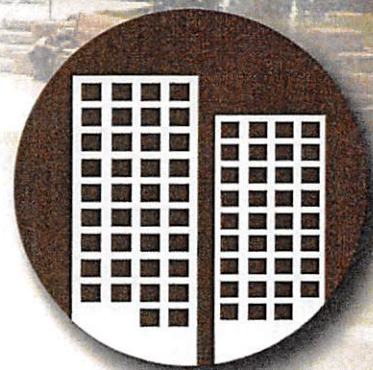
We welcome questions about this Source Water
Protection Plan at the contact info below.

915 16th Avenue
East Moline, IL 61244
309-752-1520
bhuber@eastmoline.com



RIVERACTION

Conference Program



**Upper Mississippi River Conference
Building Community Around the River**

October 18th - 19th, 2023

**Rock Island Holiday Inn | Rock Island,
IL.**

News

What's Happening



4th of July
4th of July Fireworks & Parade Info
Additional Info...



4th of July Parade
Looking for entries for the 4th of July Parade!
Additional Info...



Plastic Free July
Join millions of people reducing their plastic waste.
Additional Info...

[View All News](#)

Help end plastic waste.



Hello Andy,

This World Environment Day is a reminder that people's actions on plastic pollution matters as we join millions in the global effort to #BeatPlasticPollution.

We're constantly inspired by your videos of small steps to reduce plastic waste - from choosing reusable bottles to plastic free picnics shared for our 2023 '[Small steps, big difference](#)' campaign video. Join participants from Thailand to Tenerife and beyond making a big difference together.



Erica Williams

From: Parer, Andy <aparer@moline.il.us>
Sent: Wednesday, June 7, 2023 9:31 AM
To: Erica Williams
Subject: FW: Plastic Free July

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi there,

Hope things are going well with you. I was asked to reach out and see if E Moline would be interested/willing to participate in this initiative? Moline is taking part this year, we've reached out to RI, and our Mayor would like to get the IL side of the QC to do it together. I don't see it taking much effort aside from promoting it our your social media and announcing it at council.

Did disc golf ever get scheduled? I'd assume it safer than regular golf, but I'm sure we'll find a way break something 😊

Thanks!

Andy Parer
Environmental Manager
City of Moline, Utility Division
30 18 Street Moline IL, 61265
Phone or Fax: 309-524-2363



From: Plastic Free July <hello@plasticfreejuly.org>
Sent: Monday, June 5, 2023 8:00 AM
To: Parer, Andy <aparer@moline.il.us>
Subject: Andy, your World Environment Day special awaits

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Small steps are making a big difference

[View this email in your browser](#)

Joining the action

Like Andrea from Ecuador who is choosing a reusable bag for snacks, we invite you grab your phone, and video your small step by [following our quick guide](#).

Help co-create this global call to action inviting everyone to choose to refuse single-use plastic this July. It only takes five minutes, submissions close 7 June 2023.

Governments taking a big step

Last week in Paris the first global UN Plastic Pollution Treaty became 'one step closer' to being realised as around 170 countries have agreed to [develop a first draft](#).

The vast majority of countries showed support for an ambitious and impactful treaty with binding global rules by the end of next year.

Sharing the challenge

Last year 140 million people worldwide together avoided 300 million kgs of plastic. Each year this impact grows because participants choose to spread the word about Plastic Free July, by inviting friends, family and colleagues to join the challenge. Visiting the [resources toolkit](#) page is an easy way to get started.



Taking the pesky plastics quiz

Not sure what plastics you can change? Take the 5-minute [Pesky Plastics Quiz](#) - which is part of our research into reducing single-use plastics. By taking the quiz, you will:

- help us to track the trends in the common plastics that households use
- discover for yourself all the plastics that 'sneak' into your shopping
- set yourself up to measure your Plastic Free July success

Please tell us **what you do NOW**, rather than what you hope to do as part of your challenge. We'll invite you to do another survey in September to measure (and celebrate) your successes!

[Take the Pesky Plastics Quiz](#)

We will share the new campaign video, plastic free ideas and stories throughout the coming months and look forward to continuing to make a difference together as we work towards a world without plastic waste.

The Plastic Free July team.



Help end plastic waste by donating today to our registered charity.

Donate now. Donations over \$2 are tax deductible in Australia.



Principal Partner

AVOID WASTE. PROTECT THE OCEAN. SIGN UP AND BE PART OF THE SOLUTION. [PLASTICFREEJULY.ORG](https://plasticfreejuly.org)

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You are receiving this email because you have expressed interest in our Plastic Free July challenge.

Our mailing address is:

Plastic Free Foundation

PO Box 168

South Fremantle

Perth, WA 6162

Australia

[Add us to your address book](#)

Want to change how you receive these emails?

You can [update your preferences](#) or [unsubscribe from this list](#).



Get Involved

What others do

Resources

Donate

Take the challenge

*email to Amy B
6/19/2023*

Small steps, big difference

Are you looking for ways to beat plastic pollution?

This July, millions of Plastic Free July participants will take steps to end plastic pollution by choosing to refuse single-use plastic. Every step makes a big difference and shows others they can step up to!



Help beat plastic pollution

Ways to take your first step

Want to make a big difference?

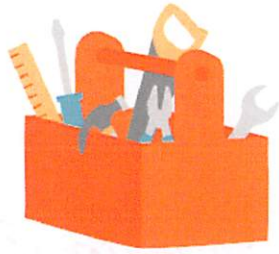
Help beat plastic pollution

Small steps are the small changes that people everywhere are making that stop their use of single-use plastic. This can be avoiding bottled soft drinks and bottled water; refusing pre-packaged produce; choosing reusable coffee cups; and sharing the Plastic Free July challenge with family and friends.

Whatever the alternative, every step we take this July can make a big difference. Other people notice and are inspired to join in.

Plus it shows businesses and governments they need to step up too!
Which small step will you take this July?

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Sign up here >

Ways to take your first step

Plastic Free July challenge is not about doing everything, just choose one item and give it a try in July. Best of all, being part of Plastic Free July will help you to find great alternatives that can become new habits forever.

1. [Take the challenge](#) and get tips, tricks, stories of other participants and news from across the global movement
2. Do the [Plastic Free July Quiz](#) (it takes less than 5 minutes) to discover the items you use and decide what you'd like to choose to refuse
3. Decide to take your [first step](#) or really [challenge yourself!](#)

As more people realise single-use coffee cups aren't readily recycled, many are [Choosing to Up Cup](#) as a first step to make a big difference. It's as simple as Bring, Borrow, Stay! Either bring our own reusable cup, borrow or swap a cup from some cafés, or take ten minutes and enjoy your favourite cuppa there.

Others are inspired by the [Plastic Free Morning Tea](#): a popular way of making and sharing food, fun and conversations about plastic free solutions. People who host their own at work, home or out in the community find it's a great way to invite others to get involved.



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Want to make a big difference

When 140 million people take a step together, it gets noticed.

Plastic Free July participants make a big difference by stopping around 300 million kg of plastic polluting the world each year.

If you want to invite others to join, there are many ways to get your community and workplace involved including [Schools Program](#), [Corporate Sponsor](#) and [Local Government membership](#).

Plus check out the [Small Steps, Big Difference Stunt guide](#) or [Changemaker Toolkit](#) for more information.



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Toolkit resources for changemakers



Use our logo (for non-commercial use)

[Access logo files >](#)



Share the Plastic Free July story

[Go to video >](#)



Post on social media

[View tiles >](#)

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31 days avoiding single-use plastic

[Content to share >](#)



Share posters

[View files >](#)



Invite people to take the Pesky Plastics Quiz

[Go to quiz >](#)

Think about it. Why would you make something that you're going to use for a few minutes out of a material that's basically going to last forever, and you're just going to throw it away. What's up with that?

Jeb Berrier, Bag It movie

To find plastic free ideas,
sign up to Plastic Free July

[Sign up >](#)

To support our efforts, donate to Plastic Free July

[Donate >](#)

To find events near you, check out our map

[Go to map >](#)

Plastic Free July is a registered charity based in Australia, but operating across the globe.

Plastic Free Foundation
PO Box 168, South Fremantle WA 6162, Australia
ACN 622 097 527

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[What others do](#)

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Erica Williams

From: Anamaria Rocha <anamaria@imanconsulting.com>
Sent: Monday, November 27, 2023 12:25 PM
Subject: THANK YOU!

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Afternoon,

Thank you for registering to attend the Clean River Advisory Council's first community project, Clean Rivers 4 All. On Friday, November 17th we collected and disposed of thousands of pieces of trash and litter and want to thank everyone who participated. We had volunteers of all ages from Generation Alpha (youth born 2010 or after) to Baby Boomers (adults born between 1946-1964). This is important because one of our goals is to advocate for a clean Mississippi River that is sustainable for generations to come. In order to achieve this goal, it will take all walks of life including support from individuals such as you and those of different ages, racial, and ethnic backgrounds. We're all in this together!

Your work was very important and we are so grateful that you chose to partner with us!



Also, please be on the lookout for updates from the Clean River Advisory Council including future service opportunities.

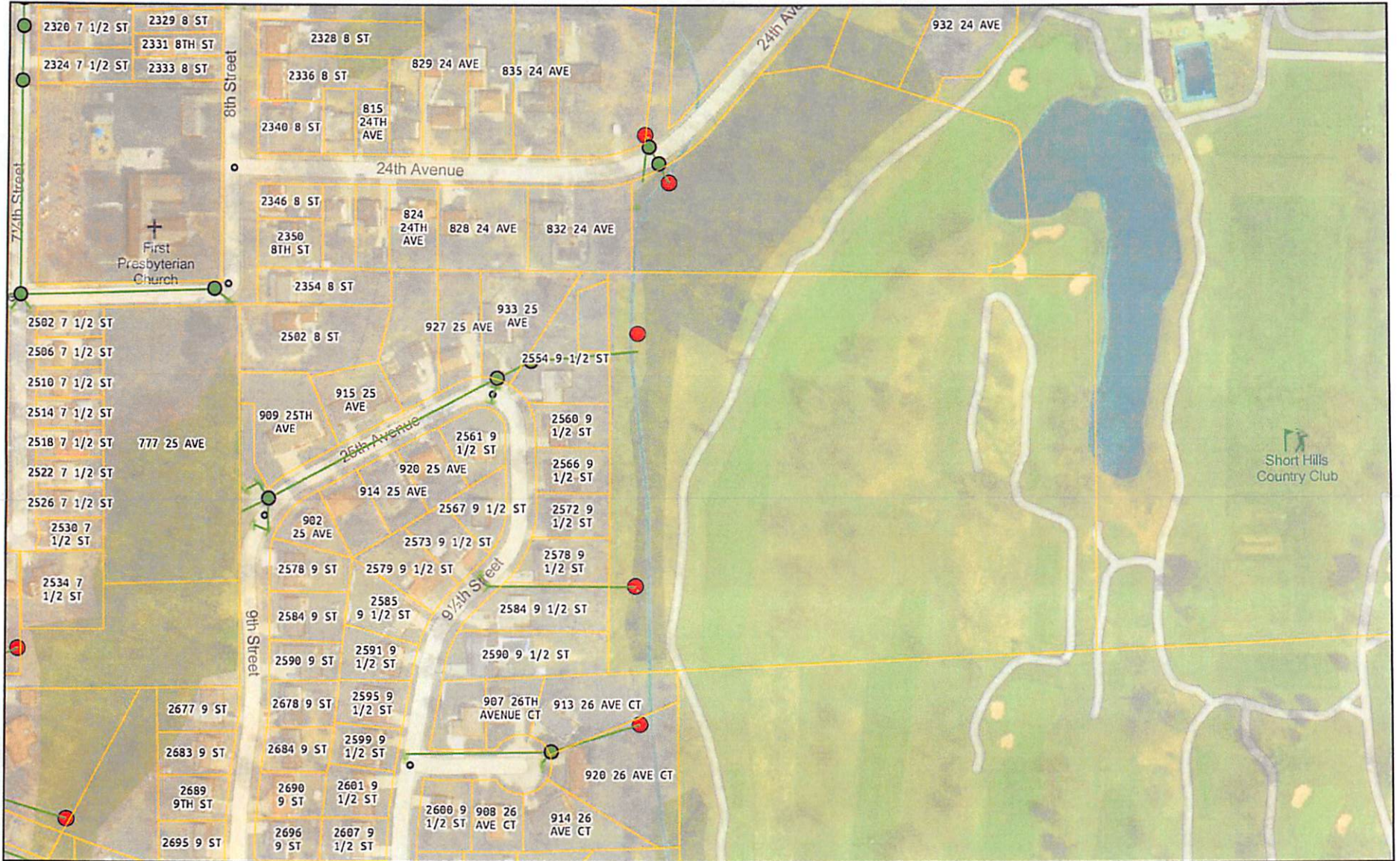
All the Best,

Anamaria Rocha
 Business Manager
 Iman Consulting, LLC
 Ph. (563) 949-1232
 Website www.imanconsulting.com

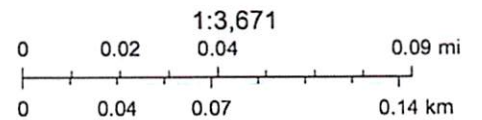


C

City Infrastructure Storm Sewer



4/20/2023



Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri

8-12-2: PURPOSES:

(A) To maintain and improve the quality of water impacted by the storm drainage system within the city of East Moline.

(B) To promote and protect the public health, safety and general welfare of the citizens from the hazards of flooding.

(C) To preserve property values by protecting new and existing buildings and improvements to buildings from damage due to storm water flow.

(D) To assure that new developments and redevelopments do not increase flood or drainage hazards to others, or create unstable conditions susceptible to erosion.

(E) To preserve the natural characteristics of stream corridors in order to moderate flood and storm water impacts, and to protect water quality.

(F) To prevent the discharge of contaminated storm water runoff and illicit discharges from industrial, commercial, residential, and construction sites into the storm drainage system within the city of East Moline.

(G) To promote public awareness of the hazards involved in the improper discharge of trash, yard waste, lawn chemicals, pet waste, wastewater, oil, petroleum products, cleaning products, paint products, hazardous waste, sediment and other pollutants into the storm drainage system.

(H) To encourage recycling of used motor oil and safe disposal of other hazardous consumer products.

(I) To facilitate compliance with state and federal standards and permits by owners of construction sites within the city of East Moline.

(J) To enable the city of East Moline to comply with all federal and state laws and regulations applicable to the national pollutant discharge elimination system (NPDES) permitting requirements for storm water discharges. (Ord. 07-18, 10-15-2007)

HYDROGRAPH: A graph showing for a given location on a stream or conduit, the flow rate with respect to time.

HYDROGRAPH METHOD: This method estimates runoff volume and runoff hydrographs for the point of interest by generating hydrographs for individual subareas, combining them, and routing them through stream lengths and reservoir structures. Factors such as rainfall amount and distribution, runoff curve number, time of concentration, and travel time are included.

ILLEGAL DISCHARGE: See definition of Illicit Discharge.

ILLICIT CONNECTION: Any drain or conveyance, whether on the surface or subsurface, which allows an illicit discharge to enter the storm drainage system.

ILLICIT DISCHARGE: Any discharge to the storm drainage system that is prohibited under this ordinance.

IMPERVIOUS SURFACE: That area of property that is covered by materials other than soil and vegetation and that has no intended capacity to absorb storm water, such as parking lots, roadways, driveways, sidewalks, patios, tennis courts, roofs and other structures.

INDUSTRIAL WASTE (OR COMMERCIAL WASTE): Any wastes produced as a byproduct of any industrial, institutional or commercial process or operation, other than domestic sewage.

INFILTRATION: The passage or movement of water into the soil surfaces.

JURISDICTION: The city of East Moline.

LOESSIAL SOIL: A sediment, commonly nonstratified and unconsolidated, composed predominately of silt sized particles with accessory clay and sand.

LOT: An individual platted parcel in an approved subdivision.

MAJOR DRAINAGE SYSTEM: That portion of a drainage system needed to store and convey flows beyond the capacity of the minor drainage system.

MECHANICAL FLUID: Any fluid used in the operation and maintenance of machinery, vehicles and any other equipment, including lubricants, antifreeze, petroleum products, oil and fuel.

MINOR DRAINAGE SYSTEM: That portion of a drainage system designed for the convenience of the public. It consists of street gutters, storm sewers, small open channels, and swales and, where manmade, is to be designed to handle the 10-year runoff event.

MITIGATION: When the prescribed controls are not sufficient and additional measures are required to offset the development, including those measures necessary to minimize the negative effects which storm water drainage and development activities might have on the public health, safety and welfare. Examples of mitigation include, but are not limited to, compensatory storage, soil erosion and sedimentation control, and channel restoration.

MOBILE COMMERCIAL COSMETIC CLEANING (OR MOBILE WASHING): Power washing, steam cleaning, and any other method of mobile cosmetic cleaning, of vehicles and/or exterior surfaces, engaged in for commercial purposes or related to a commercial activity.

MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4): The system of conveyances, including roads, streets, curbs, gutters, ditches, inlets, drains, catch basins, pipes, tunnels, culverts, channels, detention basins and ponds owned and operated by the city of East Moline and designed or used for collecting or conveying storm water, and not used for collecting or conveying sanitary sewage.

NPDES: The national pollutant discharge elimination system.

8-12-5: PROHIBITED ACTIONS:

(A) No person shall release or cause to be released into the storm drainage system any discharge that is not composed entirely of uncontaminated storm water, except as allowed in the listed exemptions of this chapter. Common prohibited storm water contaminants include trash, yard waste, stones, earth, concrete, wood, lawn chemicals, pet waste, wastewater, oil, petroleum products, cleaning products, paint products, hazardous waste, and sediment.

(B) Notwithstanding the listed exemptions of this chapter, any discharge shall be prohibited by this section if the discharge in question has been determined by the director of engineering to be a source of pollutants to the storm drainage system.

(C) The construction, use, maintenance, or continued existence of illicit connections to the storm drainage system, are prohibited. This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection. It is the intention of the city council that this section shall apply retroactively.

(D) No person shall connect a line conveying sanitary sewage, domestic sewage or industrial waste, to the storm drainage system, or allow such a connection to or be made to continue.

(E) Surface water shall be allowed to travel its natural or preregulation course unless changes are allowed by means of a drainage permit or drainage plans approved by the director of engineering. It shall be unlawful for any person to force surface water off that person's property and onto a neighboring property or to prevent surface water which would have entered that person's property from doing so without approval granted by a drainage permit.

(F) No buildings or permanent structures, including impervious surfaces, may be placed wholly or in part within an easement that has been granted for access to drainage facilities of any type, including agricultural drainage conduit, without the written approval of the director of engineering; provided, however, streets, sidewalks and driveways may be allowed to cross easements by the shortest possible route, provided that the purpose of the easement is maintained and all other requirements are met.

(G) It shall be unlawful for any person to cause or maintain any obstruction within a watercourse or drainage facility of any type, except as may be specifically authorized by this chapter.

(H) No person shall interfere with BMPs implemented pursuant to this chapter.

(I) No owner or occupant of property abutting a public right of way, or any other person acting as agent for either, shall discharge water originating from sumps, sump pits, sump pumps, footing drains, or any other reservoir serving as a drain or receptacle for water onto a street, alley, or other public right of way so as to cause a hazardous accumulation of water or ice upon said right of way. It should be noted that many areas in and around the city of East Moline have a high ground water table which may necessitate routine pumping from a sump pit or other similar dewatering facility. To ensure sump pump discharge does not create a hazardous condition in a public right of way, it is recommended that owners and/or developers direct such discharges toward the rear of structures away from the right of way, assuming that said discharge can be adequately and safely conveyed by either surface flow or by connection to a private collector drainpipe that is provided specifically for this purpose and maintained by a homeowners' association. (Ord. 07-18, 10-15-2007)



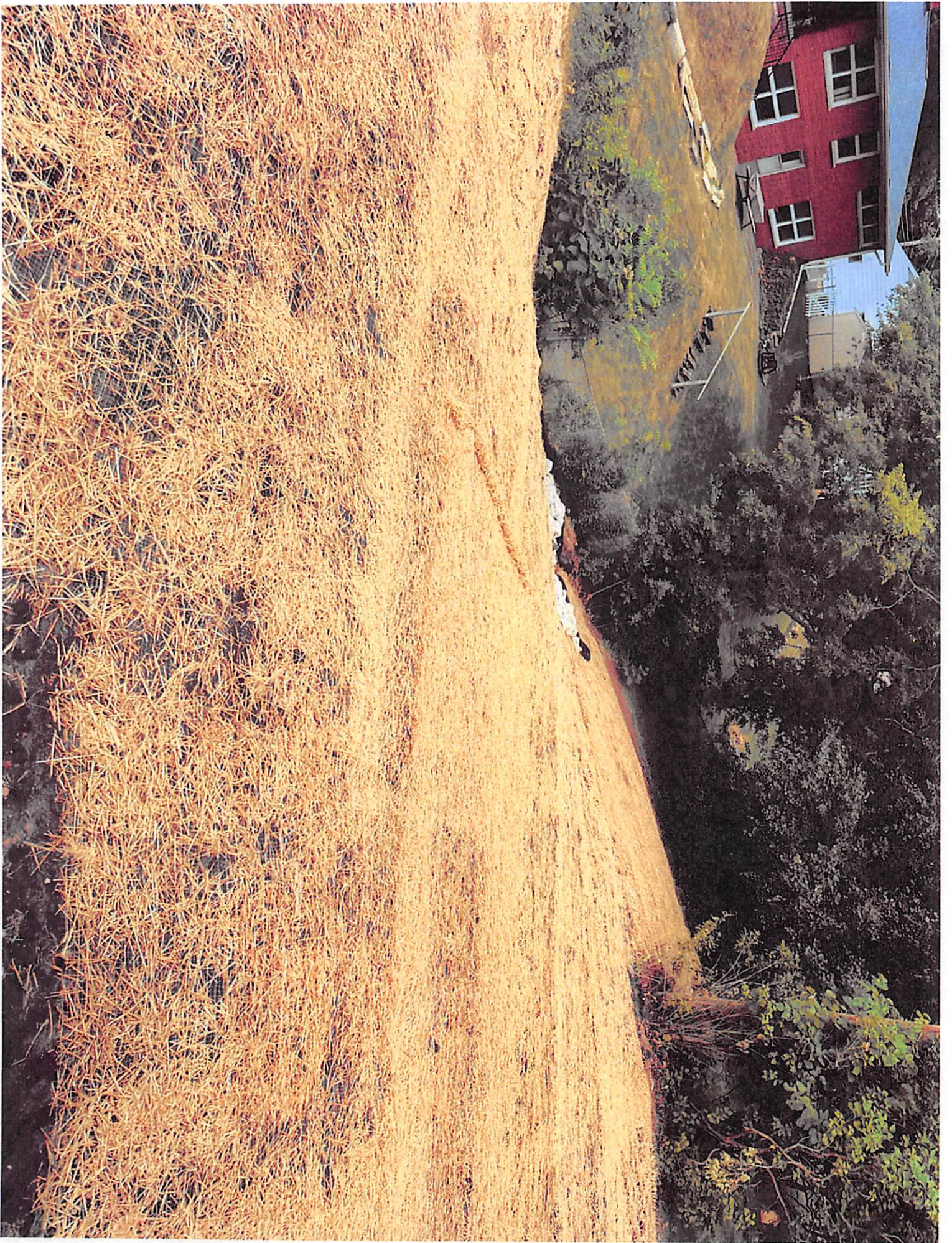
SAVE THE DATE

10th Annual QC Stormwater Conference

2 - 22 - 24

Bally's Quad Cities

"Connecting the drops for water quality"



3RD QUARTER
S10/NOV

IEPA NPDES QUARTERLY OUTFALL INSPECTIONS

Date/Inspector: <u>9-12-23 EKW</u>	Date/Inspector: <u>9-12-23 EKW</u>
Outfall No. <u>#1 - Gatewells A&B</u> <i>OUTFALL</i>	Outfall No. <u>#2 - Gatewell C</u>
Weather: <u>CLOUDY ~56°</u>	Weather: <u>CLOUDY ~56°</u>
Color: <u>SILTY / FOAMY TOP</u>	Color: <u>SILTY</u>
Odor: <u>NONE</u>	Odor: <u>NONE</u>
Clarity: <u>SILTY</u>	Clarity: <u>SOME SILT</u>
Floating, Settled, Suspended Solids: <u>SILTY, FOAM</u>	Floating, Settled, Suspended Solids: <u>LITTLE SILT</u>
Foam: <u>YES - ^{APPARENT} NON POLLUTANT</u>	Foam: <u>NONE</u>
Oil Sheen: <u>NONE</u>	Oil Sheen: <u>NONE</u>
Other Indicator Pollutants: <u>NONE</u>	Other Indicator Pollutants: <u>NONE</u>
Notes: <u>FOAM ALONG BANK UPSTREAM</u>	Notes: <u>—</u>

Date/Inspector: <u>9-12-23 EKW</u>	Date/Inspector: <u>9-12-23 EKW</u>
Outfall No. <u>#3 - Gatewells D&E</u>	Outfall No. <u>#4 - Gatewells F&G</u>
Weather: <u>PARTLY CLOUDY ~56°</u>	Weather: <u>PARTLY CLOUDY ~56°</u>
Color: <u>SILTY</u>	Color: <u>SILTY</u>
Odor: <u>NONE</u>	Odor: <u>NONE</u>
Clarity: <u>SILTY</u>	Clarity: <u>SILT</u>
Floating, Settled, Suspended Solids: <u>NONE/SILT</u>	Floating, Settled, Suspended Solids: <u>NONE/SILT</u>
Foam: <u>NONE</u>	Foam: <u>NONE - TINY FLOATS</u>
Oil Sheen: <u>NONE</u>	Oil Sheen: <u>NONE</u>
Other Indicator Pollutants: <u>NONE</u>	Other Indicator Pollutants: <u>NONE</u>
Notes: <u>—</u>	Notes: <u>ALL THROUGH A RIVER</u> <i>EDGE</i>

EDGE
IN AREA

IEPA NPDES QUARTERLY OUTFALL INSPECTIONS

Date/Inspector <u>9-12-23 EKW</u>	Date/Inspector <u>9-12-23 EKW</u>
Outfall No. <u>#5 - Gatewell H</u>	Outfall No. <u>#6 - Gatewell L & Sugar Creek</u>
Weather <u>PTY CLOUDY ~56°</u>	Weather <u>PTY CLOUDY ~59°</u>
Color: <u>SILTY</u>	Color: <u>BROWN</u>
Odor: <u>NONE</u>	Odor: <u>NONE</u>
Clarity: <u>BROWNISH</u>	Clarity: <u>SOMEWHAT</u>
Floating, Settled, Suspended Solids: <u>LEAVES FLOATING</u>	Floating, Settled, Suspended Solids: <u>SILT + ALGAE</u>
Foam: <u>NONE</u>	Foam: <u>NONE</u>
Oil Sheen: <u>NONE</u>	Oil Sheen: <u>NONE</u>
Other Indicator <u>NONE</u>	Other Indicator <u>NONE</u>
Pollutants: <u>NONE</u>	Pollutants: <u>NONE</u>
Notes: <u>—</u>	Notes: <u>ALGAE - LEVEL LOW!</u>

Miscellaneous Notes/Observations:

MISSISSIPPI A₂O LEVEL VERY LOW
 .66" OF RAIN 9/11/23 WITHIN 24 HOURS
 OF INSPECTION

2

8-12-7: REQUIREMENTS FOR CERTAIN DISCHARGES:

(A) Private Drainage System Maintenance: The owner of any private drainage system shall maintain the system to prevent or reduce the discharge of pollutants. This maintenance shall include, but is not limited to, sediment removal, bank erosion repairs, maintenance of vegetative cover, and removal of debris from pipes and structures.

(B) Minimization Of Irrigation Runoff: Irrigation systems shall be managed to reduce the discharge of water from a site.

(C) Cleaning Of Paved Surfaces Required: The owner of any paved parking lot, street or drive shall clean the pavement as required to prevent the buildup and discharge of pollutants. The visible buildup of mechanical fluid, waste materials, sediment or debris is a violation of this ordinance. Paved surfaces shall be cleaned by dry sweeping, wet vacuum sweeping, collection and treatment of wash water or other methods in compliance with this ordinance. This section does not apply to pollutants discharged from construction activities, which are otherwise specified.

(D) Mobile Commercial Cosmetic Cleaning Operations: Mobile commercial cosmetic cleaning operations shall not discharge to the storm drainage system in violation of this ordinance.

(E) Maintenance Of Equipment: Any leak or spill related to equipment maintenance in an outdoor, uncovered area shall be contained to prevent the potential release of pollutants. Vehicles, machinery and equipment must be maintained to reduce leaking fluids.

(F) Materials Storage: In addition to other requirements of this ordinance, materials shall be stored to prevent the potential release of pollutants. The uncovered, outdoor storage of unsealed containers of hazardous substances is prohibited.

(G) Pet Waste: Pet waste shall be disposed of as solid waste or sanitary sewage in a timely manner, to prevent discharge to the storm drainage system.

(H) Pesticides, Herbicides And Fertilizers: Pesticides, herbicides and fertilizers shall be applied in accordance with manufacturer recommendations and applicable laws. Excessive application shall be avoided.

(I) Prohibition On Use Of Pesticides And Fungicides Banned From Manufacture: Use of any pesticide, herbicide or fungicide, the manufacture of which has been either voluntarily discontinued or prohibited by the U.S. environmental protection agency, or any federal, state or local jurisdiction.

(J) Open Drainage Channel Maintenance: Every person owning or occupying property through which an open drainage channel passes shall keep and maintain that part of the drainage channel within the property free of trash, debris, excessive vegetation, and other obstacles that would pollute, contaminate, or retard the flow of water through the drainage channel. In addition, the owner or occupant shall maintain existing privately owned structures adjacent to a drainage channel, so that such structures will not become a hazard to the use, function, or physical integrity of the drainage channel.

(K) Release Reporting And Cleanup: Any person responsible for a known or suspected release of materials which are resulting in or may result in illegal discharges to the storm drainage system shall take all necessary steps to ensure the discovery, containment, abatement and cleanup of such release. In the event of such a release of a hazardous material, said person shall comply with all state, federal, and local laws requiring reporting, cleanup, containment, and any other appropriate remedial action in response to the release. In the event of such a release of nonhazardous materials, said person shall notify the director of engineering no later than the close of the next business day.

(L) Authorization To Adopt And Impose Best Management Practices: The city of East Moline may adopt and impose requirements identifying best management practices (BMPs) for any activity, operation, or facility, which may cause a discharge of pollutants to the storm drainage system. Where

8-12-10: MAINTENANCE OF DRAINAGE FACILITIES:

The city of East Moline will maintain those drainage facilities that are on public land and have been dedicated and accepted for maintenance or stipulated by agreement for maintenance by the city of East Moline. All other drainage facilities, when located on other than public property, shall be the responsibility of the owner of the property on which they exist or the owner of the drainage facility, regardless of whether or not dedicated easements exist over said facilities.

The responsible party shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed to achieve compliance with conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and appropriate quality assurance procedures. Abandonment and alteration, either structural or operational, of all facilities and systems shall occur only following application and issuance of a permit. (Ord. 07-18, 10-15-2007)

8-12-8: INSPECTIONS AND PLAN MODIFICATIONS:

(A) Inspections: The city of East Moline shall make inspections as required and shall notify the grading and drainage permit holder in the event that the work fails to comply with the requirements of this ordinance. The notification of any deficiencies in the work or violations of this ordinance shall be posted at the site and mailed to the owner of the site by ordinary mail.

The owner of the site shall notify the director of engineering:

1. Two (2) working days prior to the start of any land disturbing activities,
2. Upon completion of installation of sediment and runoff control measures (including perimeter controls and diversions), and
3. After final stabilization and landscaping and prior to removal of temporary sediment controls.

(B) Special Precautions: If at any stage of the grading of any development site the city of East Moline determines by inspection that the nature of the site is such that further work authorized by an existing permit is likely to imperil any property, public way, stream, lake, wetland, or drainage structure, the city of East Moline shall require, as a condition of allowing the work to be done, that such reasonable special precautions to be taken as is considered advisable to avoid the likelihood of such peril. "Special precautions" may include, but shall not be limited to, a more level exposed slope, construction of additional drainage facilities, berms, terracing, compaction, cribbing, installation of plant materials for erosion control, and recommendations of a certified professional in erosion and sediment control or a professional engineer, which may be made requirements for further work.

Where it appears that storm damage may result because the grading on any development site is not complete, work shall be stopped and the grading and drainage permit holder is required to install temporary structures or take such other measures as may be required to protect adjoining property or the public safety. On large developments or where unusual site conditions prevail, the director of engineering shall specify the time of starting grading and time of completion or may require that the operations be conducted in specific stages so as to ensure completion of protective measures or devices prior to the advent of seasonal rains.

(C) Amendment Of Plans: Major amendments to storm water drainage and detention or grading and drainage plans shall be submitted to the director of engineering and shall be processed and approved or disapproved in the same manner as the original plans. Field modification of a minor nature may be authorized and documented by the director of engineering. (Ord. 07-18, 10-15-2007)

8-12-9: RESPONSIBILITY:

(A) Applicant: The applicant for a grading and drainage permit shall not be relieved of responsibility for damage to persons or property otherwise imposed by law.

(B) Jurisdiction: The city of East Moline or its officers or agents, will not be made liable for such damage by: 1) the issuance of a grading and drainage permit under this ordinance, 2) compliance with the provisions of that grading and drainage permit or conditions attached to it by the director of engineering, 3) failure of the city of East Moline to observe or recognize hazardous or unsightly conditions, 4) failure of the city of East Moline officials to recommend denial or to deny a grading and drainage permit, or 5) exemptions from grading and drainage permit requirements of this ordinance. (Ord. 07-18, 10-15-2007)

8-12-11: ENFORCEMENT:

(A) Right Of Entry And Sampling:

1. Whenever the appropriate official has cause to believe that there exists, or potentially exists, in or upon any premises any condition which constitutes a violation of this ordinance, the appropriate official shall have the right to enter the premises at any reasonable time to determine if the discharger is complying with all requirements of this section. In the event that the owner or occupant refuses entry after a request to enter has been made, the city attorney is hereby empowered to seek assistance from a court of competent jurisdiction in obtaining such entry.

2. The appropriate official shall have the right to set up on the property of any discharger to the storm drainage system such devices that are necessary to conduct sampling of discharges.

(B) **Notice Of Violation:** Whenever an authorized enforcement person determines that a person has violated or failed to meet a requirement of this ordinance, the enforcement person will order compliance by written notice of violation to the responsible person. Posting the written notice on the property will constitute written notice. Whenever possible, a copy of the notice of violation will be mailed by ordinary mail or e-mail when an address has been provided through appropriate permitting procedures.

The notice of violation shall include:

1. The name of the responsible person or property owner.
2. The date and location of the violation.
3. A description of the violation.
4. Actions that must be taken by the responsible person to remedy the violation.
5. The deadline within which the required actions must be completed.
6. Enforcement actions that may be taken by the city attorney.
7. Notice date.
8. Any person receiving a notice of violation may file a written appeal of the notice to the director of engineering within fifteen (15) days of the notice date. The director of engineering will affirm, modify or rescind the notice in writing, within fifteen (15) days of the date of the appeal. If the recipient of a notice of violation is dissatisfied with the outcome of the appeal to the director of engineering, the appeal process outlined in section 8-12-13 of this chapter will be followed.

(C) **Enforcement Action Without Prior Notice:** Any person who violates or fails to meet a requirement of this ordinance will be subject, without prior notice, to one or more of the enforcement actions identified in this ordinance when attempts to contact the person have failed and the enforcement actions are necessary to stop an actual or threatened discharge which presents or may present imminent danger to the environment or to the health or welfare of persons or to the storm drainage system.

(D) **Enforcement Actions:** Any person who fails to comply with or appeal a notice of violation, or fails to comply with an appeal decision of the director of engineering, will be subject to one or more of the following enforcement actions:

1. **Stop Work Order:** The director of engineering may issue a stop work order to the owner and contractors on a construction site, by posting the order at the construction site and distributing the order to all city of East Moline departments whose decisions may affect any activity at the site. Unless express written exception is made, the stop work order shall prohibit any further construction activity at the site and shall bar any further inspection or approval necessary to commence or continue

construction or to assume occupancy at the site. A notice of violation shall accompany the stop work order, and shall define the compliance requirements.

2. Abatement Of An Illicit Connection: The director of engineering may terminate an illicit connection. Any expense related to such abatement shall be fully reimbursed by the property owner.

3. Abatement Of A Violation On Private Property: When a property owner is not available, not able or not willing to correct a violation, the director of engineering may enter private property to take any and all measures necessary to abate the violation. It shall be unlawful for any person, owner, agent or person in possession of any premises to refuse to allow the director of engineering to enter upon the premises for these purposes. Any expense related to such abatement shall be fully reimbursed by the property owner.

4. Recovery Of Costs: Within thirty (30) days after abatement by the director of engineering, the director of engineering shall notify the property owner of the costs of abatement, including administrative costs, and the deadline for payment. The property owner may appeal the recovery costs as outlined in section 8-12-13 of this chapter.

5. Termination Of Utility Services: After lawful notice to the customer and property owner concerning the proposed disconnection, the director of engineering shall have the authority to order the disconnection of city of East Moline water, sanitary sewer and/or sanitation services, upon a finding by the director of engineering that the disconnection of utility services will remove a violation of this ordinance that poses a public health hazard or environmental hazard.

6. Criminal Prosecution: Any person who violates or continues to violate a prohibition or requirement of this ordinance shall be liable to criminal prosecution to the fullest extent of the law, and shall be subject to criminal penalties.

(E) Criminal Penalties: Any person violating this ordinance shall, upon an adjudication of guilt or a plea of no contest, be fined a minimum of two hundred fifty dollars (\$250.00) to a maximum of one thousand five hundred dollars (\$1,500.00). Each separate day on which a violation is committed or continues shall constitute a separate offense.

(F) Other Legal Action: Notwithstanding any other remedies or procedures available to the city of East Moline, if any person violates this ordinance, the city attorney may commence an action for appropriate legal and equitable relief including damages and court costs. The city attorney may seek a preliminary or permanent injunction or both which restrains or compels the activities on the part of the discharger.

(G) Abrogation And Greater Restrictions: This ordinance is not intended to repeal, abrogate or impair any existing easements, covenants, or deed restrictions. Where this ordinance and other ordinance, easements, covenants, or deed restrictions conflict or overlap, whichever imposes the more stringent restrictions shall prevail.

(H) Separability: The provisions and sections of this ordinance shall be deemed separable and the invalidity of any portion of this ordinance shall not affect the validity of the remainder. (Ord. 07-18, 10-15-2007)

8-12-12: IMPLEMENTATION:

This ordinance is effective upon passage with the following exceptions:

(A) Subdivision Improvements: The requirements for obtaining a grading and drainage permit are waived for a period of three (3) years after the passage date hereof if the preliminary plat of a subdivision was approved by the city council prior to the passage date hereof. All other requirements of this ordinance shall remain in effect.

(B) Nonsubdivision Improvements Requiring A Building Permit: The requirements for obtaining a grading and drainage permit for nonsubdivision related improvements requiring a building permit are waived for the duration of the building permit if the building permit was issued prior to the passage date hereof. All other requirements of this ordinance shall remain in effect.

(C) Improvements That Previously Did Not Require A Permit: The requirements for obtaining a grading and drainage permit for construction that did not require a permit prior to the passage date hereof are waived for a period of one year if the construction commenced prior to the passage date hereof. All other requirements of this ordinance shall remain in effect. (Ord. 07-18, 10-15-2007)

8-12-15: GRADING AND DRAINAGE PERMITS:

(A) Class 1 Grading And Drainage Permit: Any construction that meets one of the following thresholds shall require a class 1 grading and drainage permit:

1. Any construction that will include the addition of an impervious surface area (i.e., streets, roof, patio or parking area or any combination thereof) greater than or equal to one thousand (1,000) square feet and less than one acre (43,560 square feet).
2. Any land disturbing activity (i.e., clearing, grading, stripping, excavation, fill, or any combination thereof) that will affect an area greater than or equal to ten thousand (10,000) square feet and less than one acre (43,560 square feet).
3. Any land disturbing activity that will exceed one hundred (100) cubic yards, but does not otherwise require a class 2 grading and drainage permit.
4. Any land disturbing activity on the sloping side of the slope disturbance line, but does not otherwise require a class 2 grading and drainage permit.
5. Construction of one or more single-family dwellings that is/are constructed as part of a subdivision development with an approved storm water pollution prevention plan. Those that are part of the development for which there is a class 2 grading and drainage permit will not be required to calculate preproject and postproject discharge rates.

The drainage system for a parcel containing the proposed construction site shall be designed to restrict the peak rate of discharge from the total parcel to preproject levels (based on a 1-year storm). The director of engineering will estimate the peak discharge rates. If the estimated postdevelopment peak discharge rate must be reduced, the director of engineering will recommend appropriate storm water control options. If a mutually acceptable option cannot be developed, the appeal process outlined in section 8-12-13 of this chapter will be followed.

The issuance of a grading and drainage permit shall constitute an authorization to do only that work which is described on the approved sketch. A class 1 grading and drainage permit shall be valid for one year after the date of issuance.

(B) Class 1 Grading And Drainage Permit And Application Forms: Class 1 grading and drainage permits and application forms shall include the following:

1. Name(s), address(es) and telephone numbers of the owner and developer of the site, the contractor(s) and of any consulting firm retained by the applicant identifying the principal contractor.
2. Certification that all construction covered by the grading and drainage permit will be undertaken in compliance with section 8-12-14, "General Requirements For All Construction Sites", of this chapter.
3. A site plan acceptable to the director of engineering that shows: a) existing and proposed topography, b) proposed grading and drainage, and c) indicates the amount of impervious area being created.
4. An application fee as set forth in section 8-12-27 of this chapter.

(C) Class 2 Grading And Drainage Permit: Any construction that meets one of the following thresholds shall require a class 2 grading and drainage permit:

1. Any construction that will include the addition of an impervious surface area (i.e., streets, roof, patio or parking area or any combination thereof) greater than one acre (43,560 square feet).
2. Any land disturbing activity (i.e., clearing, grading, stripping, excavation, fill, or any combination thereof) that will affect an area greater than one acre (43,560 square feet).

(D) Class 2 Grading And Drainage Permit And Application Forms: Class 2 grading and drainage permits and application forms shall include the following:

- 1. Name(s), address(es) and telephone numbers of the owner and developer of the site, the contractor(s) and of any consulting firm retained by the applicant identifying the principal contractor.**
- 2. Certification that any land clearing, construction, or development involving the movement of earth shall be in accordance with the plans approved upon issuance of the permit.**
- 3. An application fee as set forth in section 8-12-27 of this chapter.**
- 4. A faithful performance bond or bonds, letter of credit, or other improvement security satisfactory to the city attorney in an amount deemed sufficient by the director of engineering to cover all costs of improvements, landscaping, maintenance of improvements and landscaping, and soil erosion and sediment control measures for such period as specified by the director of engineering and inspection costs to cover the cost of failure or repair of improvements installed on the site on a form acceptable to the director of engineering. (See sample in the appendix attached to the ordinance codified herein.) Upon satisfactory completion of the improvements, the documented security would be void.**
- 5. A site plan shall be submitted for both existing and proposed property conditions for applicable developments and for an appropriate distance surrounding the subject property. The plan shall be based on a topographic survey of the property, shall be drawn at a scale of not more than fifty feet to one inch (50' : 1"), and include the following (unless otherwise specified by the director of engineering):**
 - (a) Proposed and existing grading shown with one foot (1") contours. East Moline city datum shall be used (unless otherwise specified by the director of engineering).**
 - (b) Property boundary, interior lot lines (if applicable), dimensions, and acreage.**
 - (c) Zoning classification and required setback dimensions.**
 - (d) All existing and proposed structures and sizes.**
 - (e) Existing and proposed streets, driveways, sidewalks, parking lots or other similar features.**
 - (f) Square feet of existing and proposed impervious surface.**
 - (g) Existing and proposed easements and right of way.**
 - (h) Existing abandoned and proposed water or monitoring wellhead locations.**
 - (i) Existing abandoned and proposed water mains.**
 - (j) Existing and proposed sanitary sewer lines and septic systems.**
 - (k) The banks and centerline of streams and channels.**
 - (l) Shoreline of lakes, ponds, and detention basins with normal water level elevation.**
 - (m) Farm drains and tiles.**
 - (n) All existing and proposed storm water conduits and drainage swales showing location, size and slope.**
 - (o) Detention facilities.**
 - (p) Overland flow path for storm water flow that exceeds the capacity of on site drainage features.**

(q) Existing and proposed storm water inlets, manholes, outlets or other drainage structures, including finished grades.

(r) Existing and proposed utilities.

(s) Base flood elevation, flood fringe, and regulatory floodway.

(t) Location map, locating the site within the city of East Moline.

(u) Title, scale, north arrow, legend, seal of licensed professional engineer, date, and name of person preparing plans.

(v) Subwatershed boundaries within the property.

(w) Abandoned mines.

(x) Soil classifications.

(y) Existing and proposed fencing indicating the type and height of fence.

(z) Construction plans for public or private improvements for streets, storm drainage, sewer, water, or other utilities.

6. The following certifications and design statements shall be provided:

(a) Basis of design for the final drainage system components.

(b) A statement giving any applicable engineering assumptions and calculations.

(c) A statement by the design engineer of the drainage system's provision for handling events greater than the 100-year, twenty four (24) hour runoff.

(d) Design calculations and other submittals as required by this ordinance.

(e) A statement of certification of all drainage plans, calculations, and supporting data by a licensed professional engineer.

7. A depiction of environmental features of the property and immediate vicinity including the following:

(a) The limits of designated regulatory and nonregulatory wetland areas.

(b) The location of trees greater than eight inches (8") in diameter in areas to be disturbed.

(c) Any designated natural areas or prime farmland.

(d) Any proposed environmental mitigation features.

8. Any and all local, state or federal maps marked to reflect any proposed change in the floodway delineation, base flood, or 100-year frequency flood elevation will change due to the proposed project.

9. Conditional approval by FEMA or other regulatory agencies of the proposed changes in the floodway map that have been made if the floodway delineation, base flood, or 100-year frequency flood elevation will change due to the proposed project.

10. Engineering calculations and data supporting all proposed plans. Hydrologic design shall be completed in accordance with section 8-12-24, "Hydrologic Design Criteria For Class 2 Projects", of this chapter. Detention system design shall be completed in accordance with section 8-12-25, "Detention System Design Criteria", of this chapter.

11. If the project involves channel modification, the following information shall be submitted:

(a) A discussion of the purpose and need for the proposed work.

(b) Discussion of the practicability of using alternative locations or methods to accomplish the purpose of the proposed work.

(c) Analysis of the impacts of the proposed project, considering cumulative effects on the physical and biological conditions of the body of water affected.

(d) Additional information as required by this ordinance.

12. Storm water pollution prevention plan (SWPPP) prepared in accordance with section 8-12-26 of this chapter. (Ord. 07-18, 10-15-2007)

8-12-17: SUBMITTAL, REVIEW, AND APPROVAL OF PERMITS:

If a building permit is also required for the development, the grading and drainage permit application shall be submitted to the building inspector at the time application is made for a building permit. Departments of the city of East Moline shall coordinate their activities to prevent additional, unnecessary delays.

(A) Each application for an approved grading and drainage permit shall be reviewed and acted upon according to the following procedures. The director of engineering shall:

1. Provide a written evaluation to the applicant regarding the adequacy and effectiveness of the proposal to address the provisions of this ordinance. The director of engineering may retain the services of an independent professional to perform this evaluation. The city of East Moline may assess a fee for this evaluation service as set forth in section 8-12-27 of this chapter.

2. Attend a preconstruction meeting with the applicant or designated agent to review implementation of grading and drainage permit.

3. Conduct on site inspections during the active construction phases of and development projects to determine whether site development is in compliance with the approved grading and drainage plans, and determine adjustments needed to the approved plans. After construction has been completed, determine whether permanent site stabilization has been achieved and identify operation and maintenance needs.

4. Prepare correspondence as needed regarding the effectiveness (or corrective measures needed) or adequacy of soil erosion and sediment control measures.

5. Consult with land developers, consultants, and contractors concerning the design criteria, installation and maintenance procedures and other information regarding best management practices recommended under the provisions of this ordinance.

6. After review of the application and required submissions if it is found to be in conformance with the provisions of this ordinance.

(a) Approve the grading and drainage permit.

(b) Approve the grading and drainage permit subject to such reasonable conditions as may be necessary to secure substantially the objectives of this ordinance, and issue the approval subject to these conditions.

(c) Disapprove the grading and drainage permit, indicating the deficiencies and the procedure for submitting a revised application and/or submission.

(B) No approval for a grading and drainage permit shall be issued for an intended development site unless one or more of the following have been obtained as applicable:

1. Land use regulations that apply to the development have been approved by the city of East Moline where applicable.

2. Such permit is accompanied by or combined with a valid building permit issued by the building inspector.

3. The proposed earthmoving is coordinated with any overall development program previously approved by the director of engineering for the area in which the site is situated.

4. All relevant federal, state, and local permits.

5. Applicant is successful in the appeals process.

(C) Failure of the director of engineering to act on an original or revised application within sixty (60) days of receipt shall authorize the applicant to proceed in accordance with the plans as filed and in compliance with the regulations contained herein, unless such time is extended by agreement between the director of engineering and the applicant. Pending preparation and approval of a revised plan, development activities may be allowed to proceed in accordance with conditions established by the director of engineering. (Ord. 07-18, 10-15-2007)

8-12-23: POSTCONSTRUCTION RUNOFF CONTROL:

Use of BMPs identified by this ordinance, or the use of any other BMPs not herein discussed, are strongly encouraged by this ordinance. This list of definitions is not exclusive and developers are encouraged to utilize whatever BMPs may be appropriate for a specific site.

(A) Preserving Regulatory Floodplains, Flood Prone And Wetland Areas:

1. **Buffer zones:** An area along a shoreline, wetland, or stream where development is restricted or prohibited. The primary function of aquatic buffers is to physically protect and separate a stream, lake, or wetland from future disturbance or encroachment. The three (3) types of buffers are water pollution hazard setbacks, vegetated buffers, and engineered buffers.

2. **Conservation easements:** Voluntary agreements that allow an individual or group to set aside private property to limit the type or amount of development on their property. The conservation easement can cover all or a portion of a property and can either be permanent or last for a specified time. The easement is typically described in terms of the resource it is designed to protect (e.g., agricultural, forest, historic, or open space easements) and explains and mandates the restrictions on the uses of the particular property.

(B) Minimizing Impervious Surfaces On The Property:

1. **Open Space Design, Conservation Development:** A better site design technique that concentrates dwelling units in a compact area in one portion of the development site in exchange for providing open space and natural areas elsewhere on the site. The minimum lot sizes, setbacks and frontage distances for the residential zone are relaxed in order to create the open space.

2. **Narrower Streets:** In many residential settings, streets can be as narrow as twenty two (22) to twenty six feet (26') wide without sacrificing emergency access, on street parking or vehicular and pedestrian safety. Even narrower access streets or shared driveways can be used when only a handful of homes need to be served. Use of narrower streets will only be allowed on public streets by requesting a variance from the city of East Moline subdivision ordinance.

3. **Eliminating Curbs And Gutters:** Elimination of curbs and gutters involves the use of grass swales and ditches as an alternative to curbs and gutters along residential streets. Eliminating curbs and gutters from public streets will only be allowed by requesting a variance from the city of East Moline subdivision ordinance.

4. **Alternative Turnarounds:** Alternative turnarounds are designs for end of street vehicle turnaround that replace cul-de-sacs and reduce the amount of impervious cover created in residential neighborhoods. Numerous alternatives create less impervious cover than the traditional forty foot (40') cul-de-sac. These alternatives include reducing cul-de-sacs to a thirty foot (30') radius and creating hammerheads, loop roads, and pervious islands in the cul-de-sac center by requesting a variance from the city of East Moline subdivision ordinance.

5. **Alternative Pavers:** Alternative pavers are permeable surfaces that can replace asphalt and concrete and can be used for driveways, parking lots, and walkways. Commercially available pavers are used which contain void spaces for grass or clean, washed stone or gravel. Gravel, cobble, or mulch parking lots are prohibited.

(C) Storm Water Wetlands, Gassed Swales And Vegetated Filter Strips:

1. **Storm Water Wetlands:** Storm water wetlands (a.k.a. constructed wetlands) are structural practices similar to wet ponds that incorporate wetland plants into the design. Storm water wetlands are designed specifically for the purpose of treating storm water runoff. A distinction should be made between using a constructed wetland for storm water management and diverting storm water into a natural wetland. The latter practice is not recommended because altering the hydrology of the existing

wetland with additional storm water can degrade the resource and result in plant die off and the destruction of wildlife habitat.

2. Grassed Swales: The term swale (a.k.a. grassed channel, dry swale, wet swale, biofilter) refers to a series of vegetated, open channel management practices designed specifically to treat and attenuate storm water runoff for a specified water quality volume. As storm water runoff flows through these channels, it is treated through filtering by the vegetation in the channel, filtering through a subsoil matrix, and/or infiltration into the underlying soils.

3. Vegetated Filter Strips: Vegetated surfaces that are designed to treat sheet flow from adjacent surfaces. Filter strips function by slowing runoff velocities and filtering out sediment and other pollutants.

(D) Infiltrating Runoff On Site:

1. Sand And Organic Filters: Sand filters are usually two (2) chambered storm water practices; the first is a settling chamber, and the second is a filter bed filled with sand or another filtering media. As storm water flows into the first chamber, large particles settle out, and then finer particles and other pollutants are removed as storm water flows through the filtering medium. There are several modifications of the basic sand filter design, including the surface sand filter, underground sand filter, perimeter sand filter, organic media filter, and multichamber treatment train.

2. Infiltration Trenches: An infiltration trench is a rock filled trench with no outlet that receives storm water runoff. Storm water runoff passes through some combination of pretreatment measures, such as a swale and detention basin, and into the trench. There, runoff is stored in the void space between the stones and infiltrates through the bottom and into the soil matrix.

3. Infiltration Basins: Infiltration basin is a shallow impoundment which is designed to infiltrate storm water into the ground water. Infiltration basins should only be used on small drainage areas (less than 10 acres), and where soils are highly permeable.

4. Porous Pavements: Porous pavement is a permeable pavement surface with an underlying stone reservoir to temporarily store surface runoff before it infiltrates into the subsoil. This porous surface replaces traditional pavement, allowing parking lot storm water to infiltrate directly and receive water quality treatment. There are a few porous pavement options, including porous asphalt, pervious concrete, and grass pavers.

5. Bioretention: Bioretention areas are landscaping features adapted to provide on site treatment of storm water runoff. They are commonly located in parking lot islands or within small pockets of residential land uses. Surface runoff is directed into shallow, landscaped depressions. These depressions are designed to incorporate many of the pollutant removal mechanisms that operate in forested ecosystems. During storms, runoff ponds above the mulch and soil in the system. Runoff from larger storms is generally diverted past the facility to the storm drain system. The remaining runoff filters through the mulch and prepared soil mix. Typically, the filtered runoff is collected in a perforated underdrain and returned to the storm drain system.

(E) Providing Storm Water Retention Structures:

1. On Lot Treatment: On lot treatment is a series of practices that are designed to collect runoff from individual residential or small commercial lots. The primary purpose of most on lot practices is to manage rooftop runoff and, to a lesser extent, driveway and sidewalk runoff. Although there are a wide variety of on lot treatment options, they can all be classified into one of three (3) categories: a) practices that collect and infiltrate rooftop runoff; b) practices that divert runoff or soil moisture to a pervious area; and c) practices that store runoff for later use.

2. Retention Basins: Retention basins are designed to collect and hold storm water runoff, with no outlet pipes or structures. They are not necessarily infiltration basins, and are best designed to rely

mostly on evaporation. Retention basins are only feasible when special circumstances of land and soil type are available.

(F) Providing Wet Or Wetland Detention Structures: Wet detention structures are defined and controlled under section 8-12-25, "Detention System Design Criteria", of this chapter.

(G) Providing Dry Detention Structures: Dry detention structures are defined and controlled under section 8-12-25, "Detention System Design Criteria", of this chapter. Detention basins shall be designed to remove floatables from storm water runoff by providing trash grates or special outlet structures which separate floatables.

(H) Constructing Storm Sewers:

1. Manufactured Products For Storm Water Inlets: A variety of products for storm water inlets are known as swirl separators, or hydrodynamic structures. Swirl separators are modifications of the traditional oil grit separator and include an internal component that creates a swirling motion as storm water flows through a cylindrical chamber. The concept behind these designs is that sediments settle out as storm water moves in this swirling path. Additional compartments or chambers are sometimes present to trap oil and other floatables. There are several different types of proprietary separators, each of which incorporates slightly different design variations, such as off line application.

2. Catch Basin Inserts: Catch basin efficiency can be improved using commercially available inserts, which can be designed to remove oil and grease, trash, debris, and sediment. Some inserts are designed to drop directly into existing catch basins, while others may require being installed as part of the construction of the basin.

3. In Line Storage Structures: In line storage refers to a number of practices designed to use the storage within the storm drain system to detain flows. Storage is achieved by placing devices in the storm drain system to restrict the rate of flow. Devices can slow the rate of flow by backing up flow, as in the case of a dam or weir, or through the use of vortex valves, devices that reduce flow rates by creating a helical flow path in the structure.

(I) Water Quality And Multiple Uses: The drainage system should be designed to minimize adverse surface and ground water quality impacts off site and on the property itself. Detention basins shall incorporate design features to capture storm water runoff pollutants. All flows from the development shall be routed through the basin (i.e., low flows shall not be bypassed). Detention of storm water shall be promoted throughout the property's drainage system to reduce the volume of storm water runoff and to reduce the quantity of runoff pollutants. The drainage system should incorporate multiple uses where practicable. Uses considered compatible with storm water management include open space, aesthetics, aquatic habitat, recreation (boating, fishing, trails, playing fields), wetlands and water quality mitigation. (Ord. 07-18, 10-15-2007)



APPLICATION FOR GRADING AND DRAINAGE PERMIT

City of East Moline, Illinois

Check One:

- Class 1 Permit (impervious area: 1,000 sf to 1 acre, land disturbance: 10,000 sf to 1 acre)
- Class 2 Permit (impervious area: > 1 acre, land disturbance: > 1 acre)

Applicant/Developer: Maggie Motto
 Address: 5137 Utica Ridge Rd., Davenport, IA 52807
 Phone No.: 563.726.6307 Fax No.: _____
 E-Mail: maggie.motto@rtmec.com

Owner (if Different from Applicant): Midwest Fidelity Partners
 Address: 1610 S. Minnesota Ave., Sioux Falls, SD 57105
 Phone No.: _____ Fax No.: _____
 E-Mail: Dan@mfp.llc



Contractor: Hegg Construction
 Address: 1300 W 57th St., Sioux Falls, South Dakota
 Phone No.: 605-336-2111 Fax No.: _____
 E-Mail: _____

Consultant: RTM Engineering
 Address: 5137 Utica Ridge Rd., Davenport, IA 52807
 Phone No.: 563.726.6307 Fax No.: _____
 E-Mail: maggie.motto@rtmec.com

Site Location: 306 Avenue of the Cities, East Moline, IL 61244

¼ Section/Section/Township/Range: _____

General Description of Proposed Development: Proposed carwash replacement

I hereby certify that all construction covered by this Grading and Drainage Permit shall be undertaken in compliance with the East Moline Storm Water Control Ordinance and in accordance with the construction plans approved upon issuance of this permit

Maggie Motto 02.13.2023
 Applicant/Developer Date

Dan Nelson 2/13/2023
 Owner (if different than Applicant) Date

For Office Use Only:

Application Fee: \$150.00 (Class 1) \$250.00 (Class 2)

* Applications must be submitted to the East Moline Engineering & Maintenance Building front desk between 7:00 a.m.- 3:30 p.m. Applications will not be accepted without fee in the form of check or money order. Please make checks payable to: "City of East Moline"

Date Filed: _____
 Application Recv'd by: _____

Class 1 and 2 Permits

- _____ Application (1 copy)
- _____ Site Plan (6 copies)
- _____ Reduced-Size Site Plan (1 copy)

Class 2 Permits Only

- Performance Bond / L.O.C.
- Engineering Calculations
- Engineering Certifications
- SWPPP & NPDES Permit
- Electronic Site Plan (PDF)

BA
ENGINEERING DEPT.
CITY OF EAST MOBILE
APPROVED



APPLICATION FOR GRADING AND DRAINAGE PERMIT

City of East Moline, Illinois

Check One:

- Class 1 Permit (impervious area: 1,000 sf to 1 acre, land disturbance: 10,000 sf to 1 acre)
- Class 2 Permit (impervious area: > 1 acre, land disturbance: > 1 acre)

Applicant/Developer: Justin Miller / No Whammies LLC

Address: 804 16th Ave, EM

Phone No.: 309-738-3734

Fax No.: _____

E-Mail: justin@profitall.biz

Owner (if Different from Applicant): _____

Address: _____

Phone No.: _____

Fax No.: _____

E-Mail: _____

Contractor: Bob's Blacktop

Address: _____

Phone No.: 562-529-5690

Fax No.: _____

E-Mail: _____

Consultant: _____

Address: _____

Phone No.: _____

Fax No.: _____

E-Mail: _____

Site Location: 822 16th Ave

1/4 Section/Section/Township/Range: _____

General Description of Proposed Development: 1400 sq ft asphalt parking addition

I hereby certify that all construction covered by this Grading and Drainage Permit shall be undertaken in compliance with the East Moline Storm Water Control Ordinance and in accordance with the construction plans approved upon issuance of this permit

[Signature]
Applicant/Developer

5/2/23
Date

Owner (if different than Applicant) _____
Date _____

For Office Use Only:

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Class 1 and 2 Permits

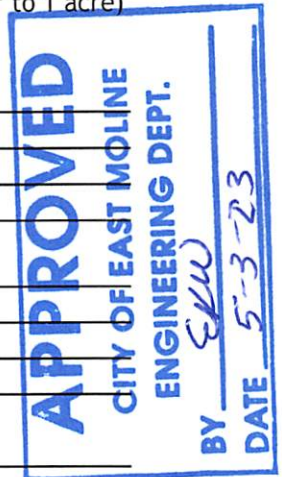
- Application (1 copy)
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Class 2 Permits Only

- Performance Bond / L.O.C.
- Engineering Calculations
- Engineering Certifications
- SWPPP & NPDES Permit
- Electronic Site Plan (PDF)

Date Filed: 5-3-2023

Application Recv'd by: _____





SITE PLAN REQUIREMENTS

Class 1 Grading & Drainage Permit

Site plan shall indicate (a) existing and proposed topography, (b) proposed grading and drainage, and (c) the amount of impervious area being created and/or area of disturbed soil.

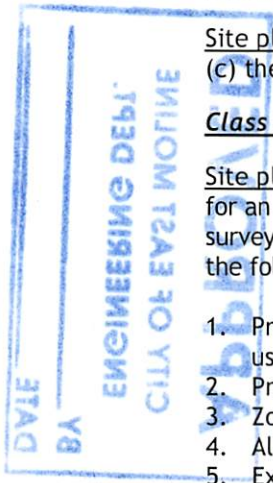
Class 2 Grading & Drainage Permit

Site plan shall indicate both existing and proposed property conditions for applicable developments and for an appropriate distance surrounding the subject property. The plan shall be based on a topographic survey of the property, shall be drawn at a scale of not more than fifty (50) feet to one (1) inch, and include the following (unless otherwise specified by the Director of Engineering):

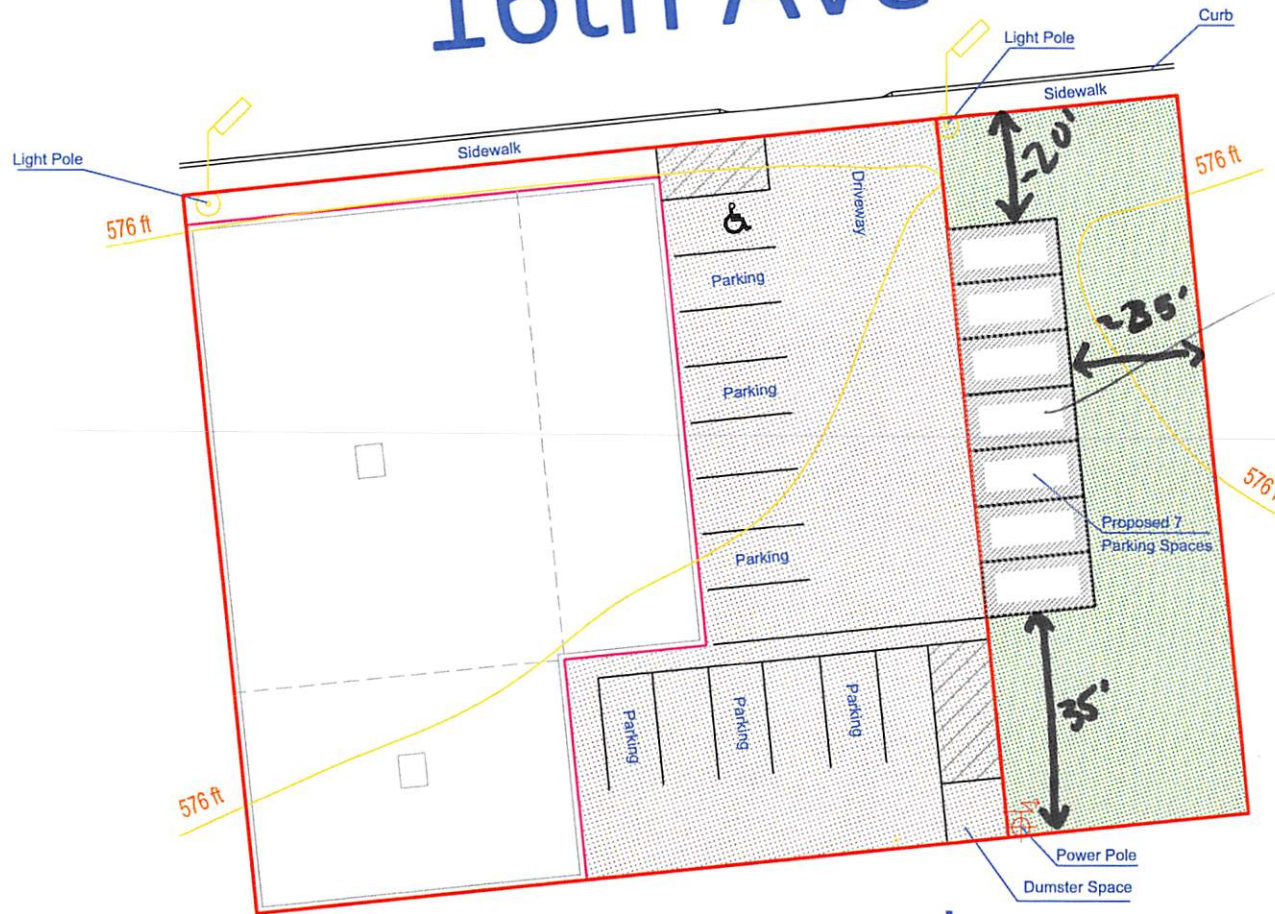
1. Proposed and existing grading shown with one (1) foot contours. East Moline city datum shall be used (unless otherwise specified by the Director of Engineering).
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3. Zoning classification and required setback dimensions
4. All existing and proposed structures and sizes
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6. Square feet of existing and proposed impervious surface
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8. Existing abandoned and proposed water or monitoring well head locations
9. Existing abandoned and proposed water mains
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12. Shoreline of lakes, ponds, and detention basins with normal water level elevation
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14. All existing and proposed of storm water conduits and drainage swales showing location, size and slope
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16. Overland flow path for storm water flow that exceeds the capacity of on-site drainage features.
17. Existing and proposed storm water inlets, manholes, outlets or other drainage structures, including finished grades
18. Existing and proposed utilities.
19. Base flood elevation, flood fringe, and regulatory floodway
20. Location map, locating the site within the City of East Moline.
21. Title, scale, north arrow, legend, seal of Licensed Professional Engineer, date, and name of person preparing plans
22. Sub-watershed boundaries within the property
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28. The location of trees greater than eight (8) inches in diameter in areas to be disturbed
29. Any designated natural areas or prime farmland
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CERTIFICATION REQUIREMENTS (Class 2 Permits)

1. Basis of design for the final drainage system components
2. A statement giving any applicable engineering assumptions and calculations
3. A statement by the design engineer of the drainage system's provision for handling events greater than the 100 year, 24 hour runoff
4. A statement of certification of all plans, calculations, and supporting data by a Licensed P.E.
5. Design calculations and other submittals as required by ordinance



16th Ave



APPROVED
CITY OF EAST MOLINE
ENGINEERING DEPT.
BY *EKW*
DATE 5-3-23

*NEWLY
CREATED
12 UNOFF
MUST BE
CONTAINED
IN REMAINING
GREEN SPACE
EKW*

Access Rd

804-822 16th Ave
East Moline, IL 61244
Scale: 1"=20'



APPROVED
CITY OF EAST MOBILE
ENGINEERING DEPT
BY _____
DATE _____

ALL REMAINING
SHEET SPACE
MUST BE
CONTAINED
IN THIS
BOOK

1/20

1/20

1/20



Permit No. _____

APPLICATION FOR GRADING AND DRAINAGE PERMIT

City of East Moline, Illinois

Check One:

- Class 1 Permit (impervious area: 1,000 sf to 1 acre, land disturbance: 10,000 sf to 1 acre)
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Applicant/Developer: _____

Address: _____

Phone No.: _____ **Fax No.:** _____

E-Mail: _____

Owner (if Different from Applicant): _____

Address: _____

Phone No.: _____ **Fax No.:** _____

E-Mail: _____

Contractor: _____

Address: _____

Phone No.: _____ **Fax No.:** _____

E-Mail: _____

Consultant: _____

Address: _____

Phone No.: _____ **Fax No.:** _____

E-Mail: _____

Site Location: _____

¼ Section/Section/Township/Range: _____

General Description of Proposed Development: _____

I hereby certify that all construction covered by this Grading and Drainage Permit shall be undertaken in compliance with the East Moline Storm Water Control Ordinance and in accordance with the construction plans approved upon issuance of this permit

Applicant/Developer	Date	Owner (if different than Applicant)	Date
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5. Design calculations and other submittals as required by ordinance

Soil Erosion / Sediment Control Inspection Form

Job Name: Road Improvements Plans For Ravine Sanitary Sewer Access Roads

Date & Time: 8-8-23 ^{9:00 am} Inspected By: Mike Sedam Title: SWPPP Manager

Date of last rainfall event 8-8-23 Amount of rainfall 0.15"

Reason for inspection: Within 24 hours of 1/2 inch rainfall Weekly Inspection

Brief description of current construction activities: Construction activities are
complete on Ravine G. Waiting for grass to grow

Changes to SWPPP: Waddles were installed in the bottom of the creek
and grass seed was applied

Methods in place:

Velocity Controls: Silt fence Earth dikes Rock dams
Vegetation buffer Straw bales Waddles

Ponds/ Basins: Sediment traps Sediment basins
Storm inlet / outlet protection

Construction Specific Items: Construction entrances Concrete washout
Temporary seeding Street sweeping
Dust Control Other

Deficiencies and repairs necessary: Waiting for grass to go. Some
waddles around pipes need adjusted

Maintenance required due to last rainfall event / timely repairs: Waddles around pipes
need adjusted.

Contractor/Supervisor notified for required action: Contractor was notified

Date & Time repair work completed: 8-8-23 12:00 pm

Inspectors Signature: Michael Sedam Inspection noted in log

Erica Williams

From: Erica Williams
Sent: Thursday, September 14, 2023 1:12 PM
To: Brad Bagby
Subject: RE: Bagby developments

You're always so on top of things but I know you have a lot going on so figured a gentle reminder might not hurt either. Have a great rest of your week – holy cow the weather is beautiful right now!

Erica

From: Brad Bagby <brad@bagbyconstruction.com>
Sent: Thursday, September 14, 2023 12:57 PM
To: Erica Williams <ewilliams@eastmoline.com>
Subject: Re: Bagby developments

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thanks - yep, i'm actively working on these things now.. we're a little behind but anticipate this to get done soon. Please contact me with any questions/concerns in the meantime.

Thanks,

Brad Bagby
Bagby Construction
309.203.1110 Office
309.314.4142 Mobile

On Thu, Sep 14, 2023 at 8:47 AM Erica Williams <ewilliams@eastmoline.com> wrote:

Attached is a better picture of the drainage ditch/culvert being obstructed.

From: Erica Williams
Sent: Thursday, September 14, 2023 8:23 AM
To: Brad Bagby (brad@bagbyconstruction.com) <brad@bagbyconstruction.com>
Subject: FW: Bagby developments

Good Morning Brad,

HOLY COW your Phase 2 is flying! That's awesome!

A few things:

At your new build on 4th Street & the Avenue of the Cities service road: a contractor has placed filled material over your driveway culvert and drainage ditch. It also appears that some fill was also placed (by your contractor or others?) across the street in the drainage ditch. The city just spent quite a bit of money re-establishing those ditches and culverts along 4th a few years ago and everything has functioned pretty well so far. Please make arrangements to have your ditchline cleaned up and the culvert functioning again. Additionally, if your contractor placed it across the street as well, please have them remove that also. Thank you.

The Quarter Phase I: I have just a few housekeeping issues regarding stabilization and detention. It appears that Phase 1 is almost complete but the back yards along the west side of the road still need stabilization beyond the sod line. Please make arrangements to either sod or seed/cover those exposed areas. Also, it doesn't appear that the detention area has been defined or maintained. There was filling either adjacent to or within the northeast pond area and mowing has not occurred so it's difficult to tell 1) if it meets the designed needs of the development; 2) if the overflow will utilize the inlet that was installed or travel over land to the north then the east and bypass the inlet altogether; and 3) where the discharge from the road/north end of the cul de sac is located and if it's functioning or blocked. Please dress up this detention area and ensure its presence, the designed capacity is present, and overland flow is through the inlet and not overland to the north.

Thank you and just want to catch these items before winter for a potential file closeout in the coming months. Let me know if you have questions.

Erica



Bond No. 55225816

CITY OF EAST MOLINE GRADING & DRAINAGE PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS, THAT Hegg Construction, LLC, as PRINCIPAL, and United Fire & Casualty Company, as SURETY, are held and firmly bound unto the City of East Moline, Illinois, as OBLIGEE, in the sum of Ten Thousand and no/100 Dollars (\$ 10,000.00) lawful money of the United States, for the payment whereof to the Obligee, the Principal and the Surety bind themselves, their heirs, executors, administrators, successors, and assign, jointly and severally, firmly to these presents:

SIGNED, SEALED AND DATED, THIS 28th day of March, 20 23.

WHEREAS, application was made to the Obligee for approval of a project entitled "Silverstar Car Wash", located in the City of East Moline, Illinois, filed with the Director of Engineering of the City of East Moline, Illinois, on _____, 20____, said project may be approved upon certain conditions, one of which is that a performance bond in the amount of Ten Thousand and no/100 Dollars (\$ 10,000.00), to be filed with the Director of Engineering to guarantee certain improvements in said project.

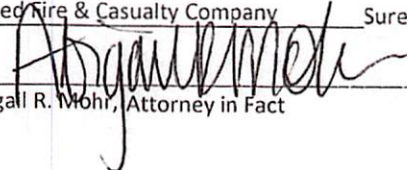
NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that if the above named Principal shall within two (2) years from the date hereof will and truly make and perform the required improvements and construction of public improvements in and adjacent to said project in accordance with the standards and specifications of the City of East Moline and the Storm Water and Erosion Control regulations of the City of East Moline, then this obligation to be void; otherwise to remain in full force and effect.

It is hereby understood and agreed that in the event that any required improvements have not been installed as provided aforesaid within the term of this Performance Bond, the City Council may thereupon declare this bond to be in default and collect the sum remaining payable thereunder and upon receipt of the proceeds thereof, the City of East Moline shall install such improvements as are covered by this bond and commensurate with the extent of development that has taken place in said project but not exceeding the amount of such proceeds.

Hegg Construction, LLC Principal

By:  Principal

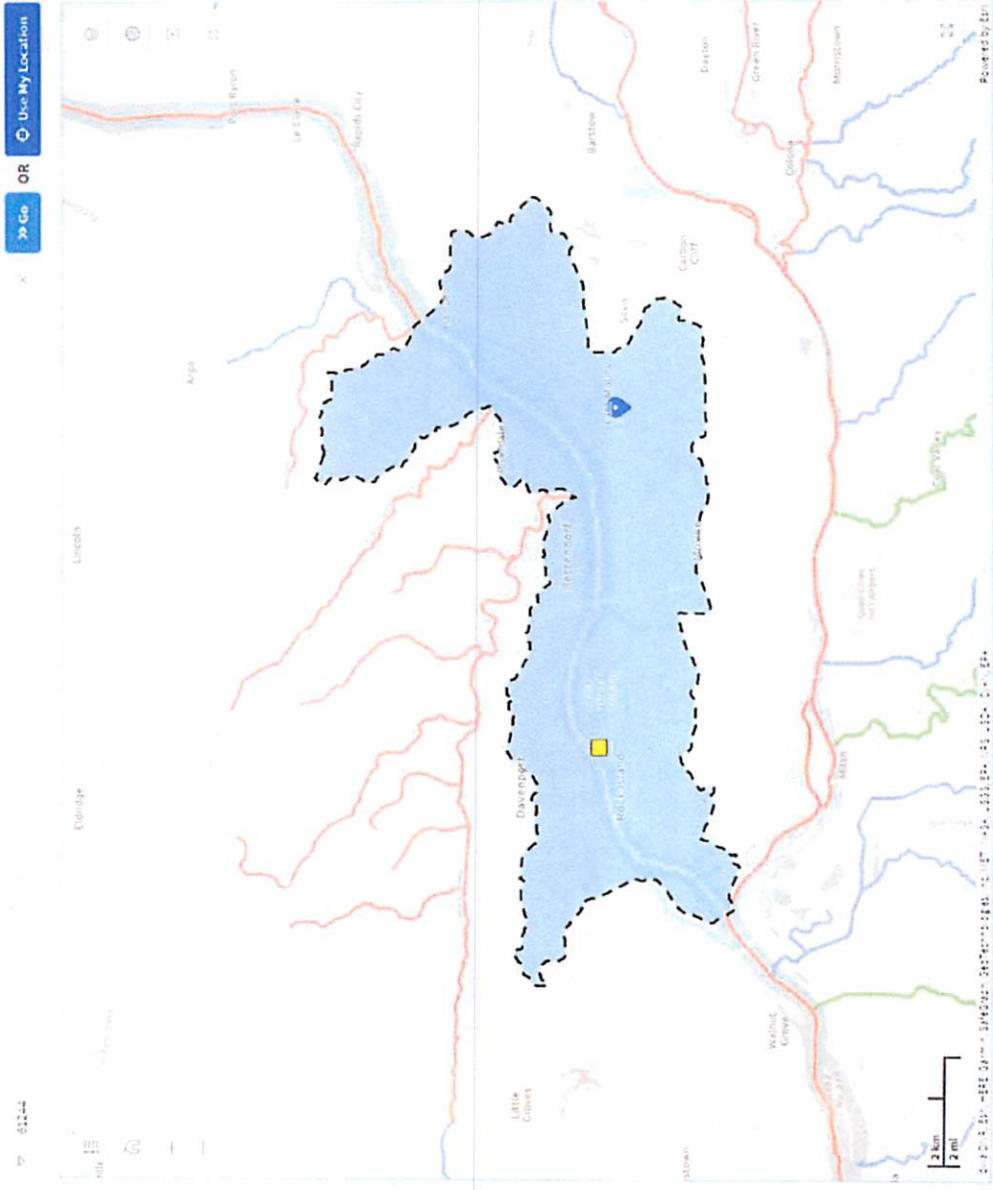
United Fire & Casualty Company Surety

By:  Abigail R. Mohr, Attorney in Fact

Approved as to Form:

By: _____

Let's get started!



61244, East Moline, Illinois
WATERSHED: Sugar Creek-Mississippi River (070801010-06)

[Analytics Link](#) | [Drinking Water](#) | [Monitoring](#) | [Identified Issues](#) | [Reports](#)

Monitoring

[Show Text](#)

Water is monitored by state, federal, tribal, and local agencies, Universities, volunteers and others also help detect water quality concerns.

Explore the map and information below to find out about current and past water conditions.... [Show more](#)

DISCLAIMER

1 Current Water Conditions | **53** Past Water Conditions

Current Water Conditions

CyAN Satellite Imagery | USGS Sensors

Current Water Conditions

USGS Sensors | CyAN Satellite Imagery

Sort By: **Location Name** | [Expand All](#)

1 of 1 location with data in the Sugar Creek-Mississippi River watershed.

MISSISSIPPI RIVER AT LOCK & DAM 15 (CORPS)
 Organization: U.S. Army Corps of Engineers
 Water Type: Stream

01244, East Moline, Illinois
WATERSHED: Sugar Creek-Mississippi River (070801010406)

Monitoring | Identified Issues | Restore | Protect

Identified Issues Show Text

Waters can be impacted by a variety of impairments. Below you can see impairments degrading certain uses of these waters and those dischargers in significant violation of their permit.

100%
 of Assessed Waters are Impaired

1
 Dischargers with Significant Violations

Impaired Assessed Waters Dischargers with Significant Violations

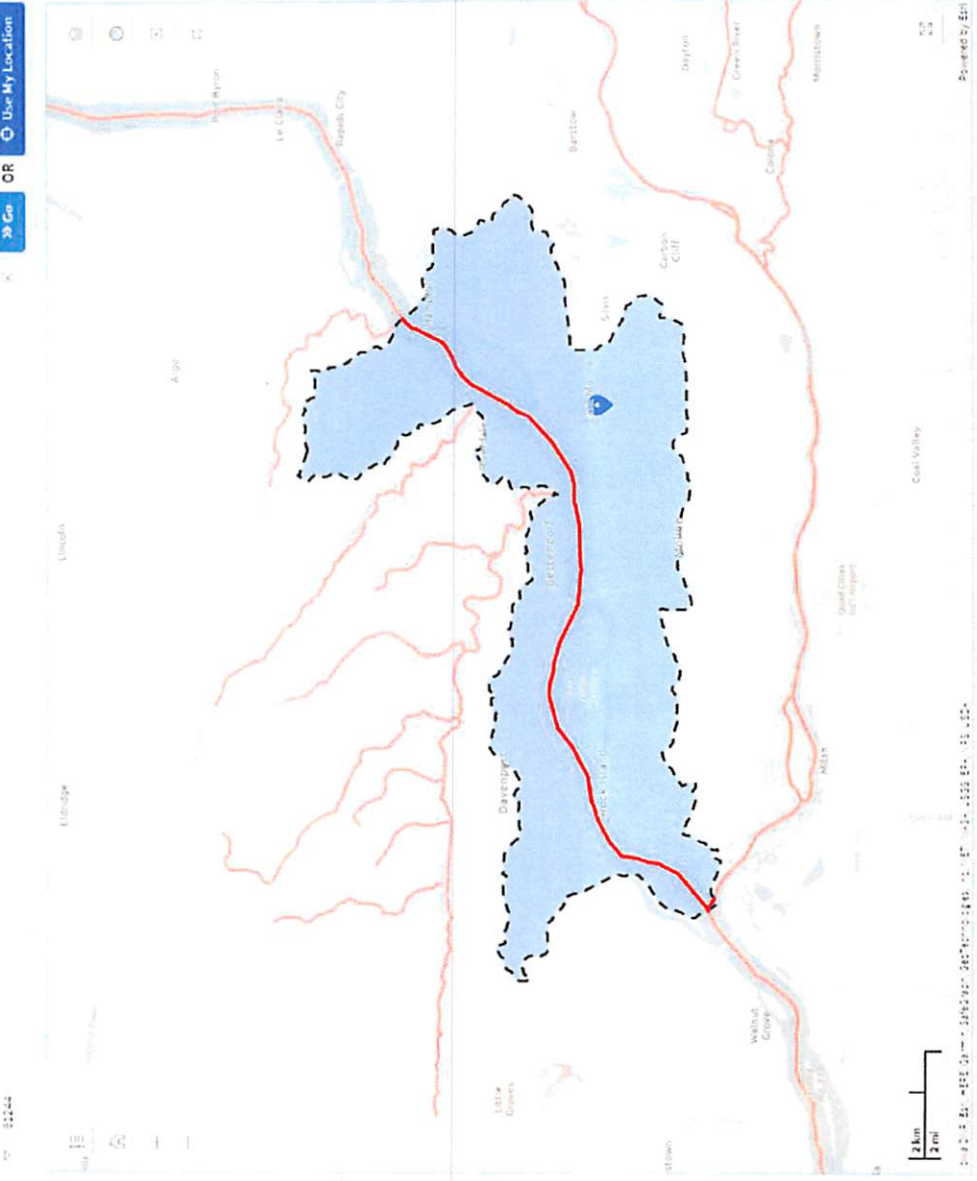
DISCLAIMER

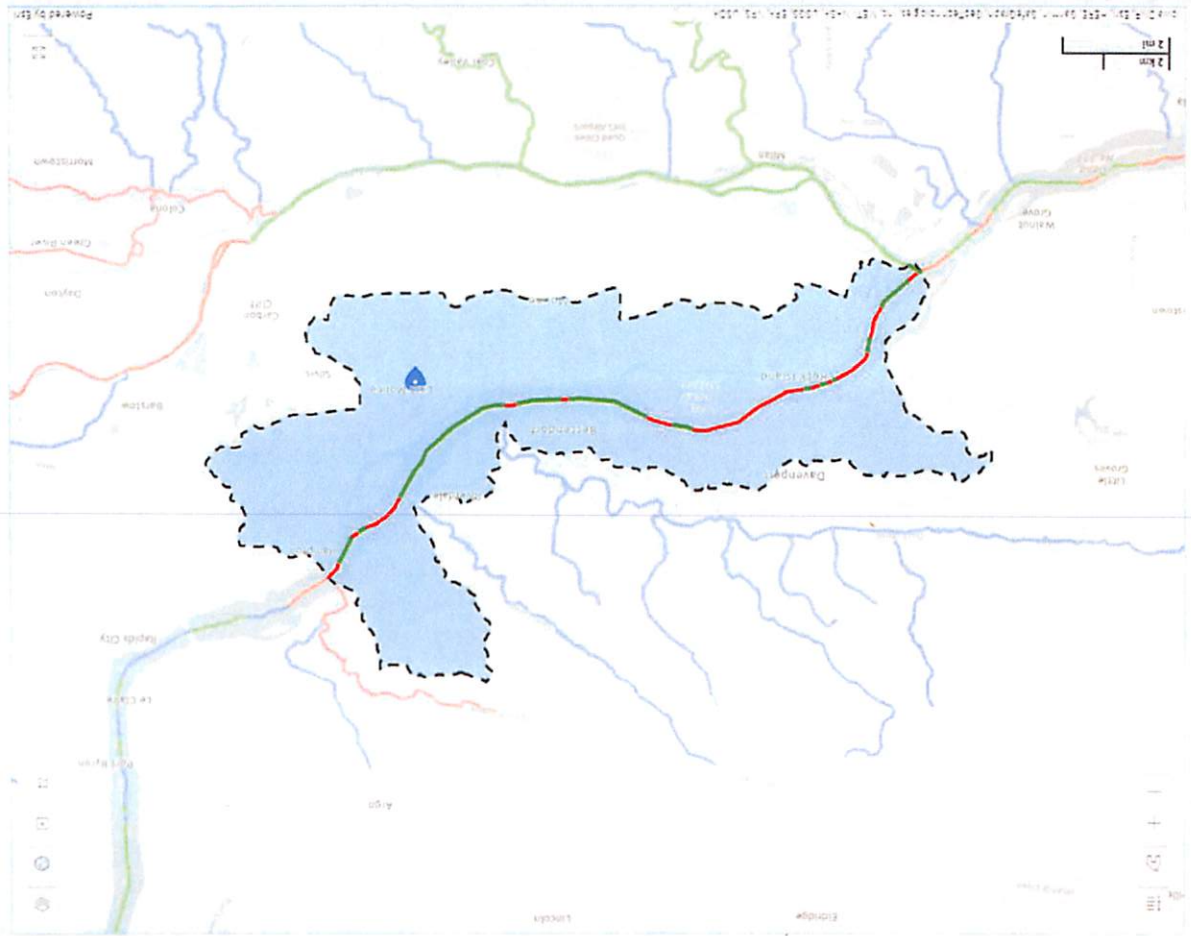
Impairment categories in the Sugar Creek-Mississippi River Watershed.

Identified Issues	% of Assessed Area
PCBs	81%
Pesticides	55%
Mercury	55%
Bacteria and Other Microbes	42%
Metals	42%

Did You Know?

- Impairments take many forms, often a result of human behavior. Water impairments are identified across 34 categories such as algae, mercury, pathogens, pesticides, trash and more.
- Impairments can enter your water through runoff, water discharge from a building, and from the breakdown of water infrastructure like sewers and pipes





- Good State Watershed (07-0010-0406) Mississippi River
 - Impaired State Watershed (07-0010-0406) Mississippi River
 - Impaired State Watershed (07-0010-0406) Mississippi River
 - Good State Watershed (07-0010-0406) Rock River
- There are 4 watersheds assessed for aquatic life in the Sugar Creek-Mississippi River watershed.

Waterbody Conditions

Condition	Count
Good	2
Impaired	2
Condition Unknown	0

There are 4 watersheds assessed for aquatic life

disclosure

Plants and animals depend on clean water. Impairments can affect the quality of water, which can have adverse effects on plants and animals living in the water. [Show more](#)

EPA, states, and tribes monitor and assess water quality to determine the impact of impairments on plants and animals living in the water.

Aquatic Life Show Text

E

PROJECT LIST (IN NO ORDER OF PRIORITY YET)

address	notes	contact	solutions?
1031 4th Ave A	flooded yard due to lack of ditch drainage		Re-establish ditches.
120 30th Avenue	flooded yard. Low spot of the neighborhood. Snow and ice blocking flow also	Randee Brown 309-755-0198	unimproved roads, no sewer close
140 14th Street	see email. Homeowner believes there is standing water due to plugged pipe. Dave said pipe is plugged due to neighboring filling in drainage ditch.	Ray Smith 309-236-2581	may need to send letter if drainage ditch is HOLDING water for more than 24 hours in normal rain event
1329 9th Street	See file for pictures & email and explanation	Doug Stempler 792-5314	Clean ditchline at this address and one south and one north
110 39th Ave	homeowner worried about hillside eroding	Patricia Spiegel 309-314-9041 or 309-317-1981	Isn't a priority yet. NOT Patricia's property. 18" pipe and small overland flow. See aerial.
3204 2nd Street Cour	city discharge is eroding the hillside - close to garage	Larry Neff 309-372-0751 (owner now)	find end of pipe, extend to bottom, fill erosion gully
4TH ST, N AotC	maintenance of ditches along west side of 4th		minor ditch and culvert cleaning and
2113 6th Street	reattach and bed pipe in ravine	Olivia Dorothy	
1349 18TH ST	Area floods often and pipe being investigated	Bobby Cantu 309-230-9932	Apparently the intersection floods often. See notes in file
7th St S. Glenview	clean, stabilize, close the fill site	Erica Williams	Once Brandt is out, repair and close.
1124 36TH Ave	two pipes under road have issues at each end	Bill of Centennial	replace as much pipe as necessary and stabilize downstream side.
2906 2nd Street	apparently there is a pipe under the road that carries water		find pipe under road and open up. This would prevent water from going OVER road and washing out the shoulder.
2719 8TH Street	sinkhole back of inlet and in yard over line	Jeff Belon 309-236-4600	repair basin, spot fix, and/or line - Joseph checking files was supposed to have been fixed and line in 2018 but may have been pulled
604 1ST Ave	reported drainage blockage from 612 1st Ave	Rev Flowers is complainant	See file. Courtesy letter sent to 604 on behalf of 612.
327 31 Ave	ponding in yard during exceptional rain. No city issue but file started	See file	No action necessary but 31st Ave had 8 water main breaks and could be upgraded.
4134 4th Ave B	babcock/Meersman project	James Wippal 309-269-8253	water standing in ditches, sideyard and back yard. Unusual rains and high water

STREET SWEEPER ROUTES
Revised March 2003

MONDAY

Kennedy Drive east side and west side from 18th Ave south to 42nd Ave and from 1st St to 4th St. West side of 7th St from 17th Ave south to 41st Ave from 4th St to 7th St.

TUESDAY

All streets south of 42nd Ave to Moline. Kennedy Dr to 13th St, east side of 7th St from 7th St to 19th St from 30th Ave to 41st Ave.

WEDNESDAY

All streets north of 30th Ave to 18th Ave from 7th St to 19th St.

THURSDAY

All Streets north of 18th St. from 13th St to the Quad City Downs.

FRIDAY

12th Ave from 1st St to 13th St and the Quarter. 14th Ave, 15th Ave, 16th Ave, 17th Ave and 18th Ave from 1st St to 19th St.



PRE-CONSTRUCTION MEETING AGENDA

PROJECT NAME: Ravine D & G Sanitary Sewer Access Roads

OWNER: City of East Moline 915 16 th Avenue East Moline, Il 61244	CONTRACTOR: Miller Trucking & Excavating 3303 John Deere Road Silvis, IL 61282
ENGINEER: City of East Moline Engineering Department 1200 13 th Avenue East Moline, IL 61244	MEETING DATE: May 16, 2023 MEETING TIME: 10:00 AM LOCATION: East Moline Engineering and Maintenance Facility 1200 13 th Avenue

ITEMS FOR DISCUSSION

1. Introductions
2. Designation of responsible personnel representing the Owner, the Contractor, and the Engineer.

Owner: *City of East Moline*
912 16th Avenue
East Moline, Il 61244
309.752.1595

ABBITT

Contractor: Miller Trucking & Excavating
Attn: Justin Miller
3303 John Deere Road
Silvis, IL 61282
309.7557644

Engineer: *City of East Moline Engineering Dept.*
Attn: Tim Kammler
1200 13th Avenue
East Moline, IL 61244
309.752.1773

Site/Construction.

Staking: *Abbitt Survey & Development, PLLC*
Attn: Jim Abbitt
309.524.3124

Observation: *Klingner & Assoc*
Attn: Brian Vorva
309.737.1291

Site Foreman: Miller Trucking & Excavating
Attn: *AS MILLER*
309._____


Pre-Construction Meeting
May 16, 2023

3. Review construction schedule:

Notice to Proceed date: Mem Day WKND

Contractor Mobilization/Start-up: _____

Substantial completion deadline: September 8th, 2023

Final Completion deadline: September 28th, 2023

Critical dates during Construction:

- *Holidays- Memorial Day, Independence Day and Labor Day.*

Equipment deliveries and priorities

Critical Work sequencing:

- *Resident – Minimum 24 hr*
- *Fire/Police Notification – Minimum 48 hr*
- *City Maint. Services Notification – Minimum 48 hr*
- *Inspector Notification – Minimum 24 hr*
- *Staking Requests – **48 hr.***
- *Utility Coordination is the responsibility of the Contractor. The City may assist upon request.*

4. Construction Documents consist of:

- *Plans*
- *Contract Document Booklet – City of East Moline follows IDOT guidelines for all Materials Paperwork and Documentation*
- *Change Orders and Supplemental/Revised Drawings issued during Construction.*

5. Procedures and processing of:

Field decisions: *Hierarchy – Brian Vorva/Eric McLaughlin to Tim K. (E.M.)*

Shop Drawings: *Submit to Brian Vorva (Klingner)*

Product Data: *Manhole Castings, Piping, Valves, Mix Designs, Etc... to Engineering Dept.- Must be IDOT Approved Supplier/Producer*

Test Samples: *Type, Size and Frequency by ASTM and IDOT Standards. City of Moline Follows IDOT materials testing specifications.*

Substitutions: *May consider if there is a cost savings for the City. Must request in writing, must meet IDOT requirements.*

Payment and Applications for payment: *By measured, in-place quantity. Contractor rep and Field rep to review and agree on quantities weekly. The City will prepare pay applications.*

Work change directive: *Engineering will submit Supplemental/Revised Drawings*



Pre-Construction Meeting
May 16, 2023

All Final Quantities for tonnage Items will be based on delivery tickets. Must have tickets for payment.

Change Orders: On EJCDC or approved other. May give verbal Notice to Proceed by: Tim K

Staking Requests: Call to Brian Vorva or Eric McLaughlin. Re-staking of contractor damaged, or displaced points is the responsibility of the contractor, and will be billed to the contractor.

Contract close out: After Final Payment, all materials paperwork completed, and Punchlist completed.

6. Public Coordination:

- ***Garbage Pick-up***
- *USPS*

7. Traffic Control:

- *Street Closures not expected. __ Maintain local access as applicable to workflow. Perform regular assessment of traffic control measures as required.*

8. ~~Contractor's field office~~ and Security of Materials and equipment: City Maintenance build yard available for any materials that cannot be stored onsite.

9. Housekeeping: *Maintain a specific program to prevent accumulation of debris at construction site.*

Permits:

Working hours. *7:00 a.m. to 3:30 p.m. Monday thru Friday. Must request weekend work to City.*

10. Procedures for maintaining record documents. *Delivered at Contract Close-out Clean and marked clearly. City plans shoot all structures in with GPS.*

11. *Erosion Control-* Erosion Control: This project is an EPA NPDES permit regulated site that has an approved ESC and SWPPP plan. The ESC and SWPPP are guidance materials with bare minimum measures to prevent sediment from leaving site. Inspections are to be performed by the contractor's **qualified** inspector (either in-house or by subcontractor) weekly and after rain events of .5" or more. Inspections forms must be completed with deficiencies noted with appropriate actions needed and taken. Inspection sheets are to be kept in the SWPPP on site as well as given to the city's inspector within 24 hours of the inspections. ESC must be repaired, replaced, or enhanced between 24 hours and the next rain event, but no later than 7 days after the deficiency is noted, as appropriate to prevent sediment loss. Repair, replacement, enhancement must be noted in during the next inspection and placed in the SWPPP and provided to the city as mentioned above. Proper ESC and stabilization measures must be applied if weather predictions or conditions are reasonable enough to shut down the project for the winter. Stabilization of disturbed areas where work will not commence within 14 days must be initiated within 1 working day of the cessation of earth disturbing activities and shall be completed as soon as possible but no later than 14 days from the cessation. Notes on the ESC plan and SWPPP sequencing page of the SWPPP will also be maintained in real time with appropriate stages of stabilization, alterations, repairs, etc. as appropriate.



Pre-Construction Meeting
May 16, 2023

12. Contractor is also responsible for ALL subcontractors and anyone else working on the site. Subcontractor signatures are required to be collected and kept in the SWPPP and supplied to the City inspection within 24 hours of obtaining said signature. SWPPP will be kept on site or will be “readily available” at all times. Full and completed SWPPP will be given to the city after the final stabilization is inspected and approved by the city.
- 13.
14. Other items of discussion.
 - *Storage of Materials*
 - _____
 - _____
15. Distribution of Contract Documents:
16. Requirements: Contractor's Schedule for project. Submission of list of Subcontractors, list of Products and shop drawings, schedule of values, project schedule, bonds, and insurance certificates.

F



FLOODPLAIN DEVELOPMENT PERMIT APPLICATION

1. Permit Requirements

Application is hereby made for a **FLOODPLAIN DEVELOPMENT PERMIT** as required under Ordinance #10-05 of the City of East Moline for development as defined in said ordinance. The applicant understands and agrees that:

- The permit applied for, if granted, is issued on the representations made herein;
- Any permit issued may be revoked because of any breach of representation;
- Once a permit is revoked all work shall cease until the permit is reissued or a new permit is issued;
- Any permit issued on this application will not grant any right or privilege to erect any structure or use any premises described for any purposes or in manner prohibited by the ordinances, codes, or regulations of the city;
- The building or development site shall not be used or occupied unless an OCCUPANCY PERMIT has been issued by the Building Official;
- The applicant hereby gives consent to the Building Official (or designee) to make reasonable inspections to enforce the provisions of Ordinance #10-05 without first obtaining a search warrant;
- If issued, the permit form will be posted in a conspicuous place on the premises, in plain view from a public road; and
- If issued, the permit will expire if no work is commenced within six months of issuance.
- Permit Application Fee: \$250

2. Ownership Information

Owner(s) Name(s) _____ Phone _____

Address _____ City _____

Applicant (s) Name (s) _____ Phone _____

Address _____ City _____

Mail Permit To: _____

3. Location of Proposed Development

Address _____

Legal Description _____

4. Summary of Development project

Write a brief statement of the type of work to be undertaken, including any filling and any alteration of a watercourse or drainage way.

5. Attachments

Exhibit #1 Drawings or plat of site, drawn to scale showing property line dimensions

Exhibit # Permit from the IL Department of Transportation, Division of Water Resources (if applicable)

Exhibit # Licensed Professional Engineer or Land Surveyor's statement of site elevation (if applicable)

Exhibit # _____

Exhibit # _____

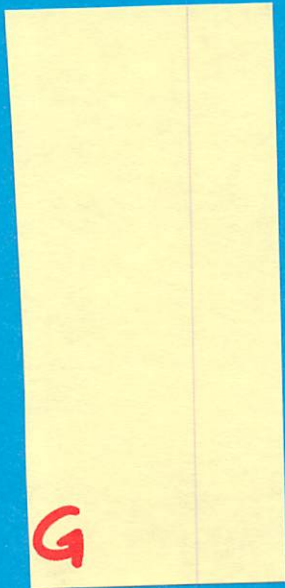
6. Applicant's Certificate

I hereby certify that all the statements in and attachments to this application are a true description of the existing property and the proposed development project. I have read the development requirements of the appropriate ordinances and agree to abide thereto.

(Signature)

(Date)

Submit completed application to: *Director of Engineering
City of East Moline
1200 – 13th Avenue*



G

IEPA NPDES QUARTERLY OUTFALL INSPECTIONS

3RD QUARTER
S10/20

Date/inspector: <u>9-12-23 EKW</u>	Date/Inspector: <u>9-12-23 EKW</u>
Outfall No. <u>OUTFALL #1 - Gatewells A&B</u>	Outfall No. <u>#2 - Gatewell C</u>
Weather: <u>CLOUDY ~52°</u>	Weather: <u>CLOUDY ~56°</u>
Color: <u>SILTY / FOAMY TOP</u>	Color: <u>SILTY</u>
Odor: <u>NONE</u>	Odor: <u>NONE</u>
Clarity: <u>SILTY</u>	Clarity: <u>SOME SILT</u>
Floating, Settled, Suspended Solids: <u>SILTY, FOAM</u>	Floating, Settled, Suspended Solids: <u>LITTLE SILT</u>
Foam: <u>YES - ^{APPARENT} NON POLLUTANT</u>	Foam: <u>NONE</u>
Oil Sheen: <u>NONE</u>	Oil Sheen: <u>NONE</u>
Other Indicator: <u>NONE</u>	Other Indicator: <u>NONE</u>
Pollutants: <u>NONE</u>	Pollutants: <u>NONE</u>
Notes: <u>FOAM ALONG BANK UPSTREAM</u>	Notes: <u>—</u>

Date/Inspector: <u>9-12-23 EKW</u>	Date/Inspector: <u>9-12-23 EKW</u>
Outfall No. <u>#3 - Gatewells D&E</u>	Outfall No. <u>#4 - Gatewells F&G</u>
Weather: <u>PARTLY CLOUDY ~56°</u>	Weather: <u>PARTLY CLOUDY ~56°</u>
Color: <u>SILTY</u>	Color: <u>SILTY</u>
Odor: <u>NONE</u>	Odor: <u>NONE</u>
Clarity: <u>SILTY</u>	Clarity: <u>SILT</u>
Floating, Settled, Suspended Solids: <u>NONE/SILT</u>	Floating, Settled, Suspended Solids: <u>NONE/SILT</u>
Foam: <u>NONE</u>	Foam: <u>NONE - TINY FLOATS</u>
Oil Sheen: <u>NONE</u>	Oil Sheen: <u>NONE</u>
Other Indicator: <u>NONE</u>	Other Indicator: <u>NONE</u>
Pollutants: <u>NONE</u>	Pollutants: <u>NONE</u>
Notes: <u>—</u>	Notes: <u>ALL THROUGH A RIVER</u>

EDGE AREA

IEPA NPDES QUARTERLY OUTFALL INSPECTIONS

Date/Inspector	9-12-23 - EKW	Date/Inspector	9-12-23 EKW
Outfall No.	#5 - Gatewell H	Outfall No.	#6 - Gatewell L & Sugar Creek
Weather	PTLY CLOUDY ~56°	Weather	PTLY CLOUDY ~59°
Color:	SILTY	Color:	BROWN
Odor:	NONE	Odor:	NONE
Clarity:	BROWNISH	Clarity:	SOMEWHAT
Floating, Settled, Suspended Solids:	LEAVES FLOATING	Floating, Settled, Suspended Solids:	SILT + ALGAE
Foam:	NONE	Foam:	NONE
Oil Sheen:	NONE	Oil Sheen:	NONE
Other Indicator	NONE	Other Indicator	NONE
Pollutants:	NONE	Pollutants:	NONE
Notes:	-	Notes:	ALGAE - LEVEL LOW!

Miscellaneous Notes/Observations:

MISSISSIPPI H₂O LEVEL VERY LOW
 .66" OF RAIN 9/11/23 WITHIN 24 HOURS
 OF INSPECTION