

Hiawatha!™

Say hello to a great place to live, work and play.



Northwood Drive Detention Basin



ARRO Senior Apartments Detention Basin



Buresh Construction Detention Basin

NPDES Permit #57-35-0-00 2023 Annual Report

City of Hiawatha
101 Emmons Street
Hiawatha, Iowa 52233

October 2023

Chris Gelner
NPDES Section
Environmental Specialist Senior
Field Services & Compliance Bureau
1101 Commercial Ct Ste 10
Manchester, Iowa

RE: NPDES MS4 Permit No. 57-35-0-00

Dear Mr. Gelner:

The City of Hiawatha is pleased to submit the 2023 Annual Report for the above NPDES permit issued February of 2021. This annual report summarizes the activities during the 12-month period of July 2022 to June 2023. The annual report is coordinated and prepared by the City Engineering Department and the Hiawatha Community Development Department in conformance with the reporting requirements in the City's discharge permit. The current permit was approved and made effective February 1, 2021 and will expire on January 31, 2026.

Hiawatha is located in Linn County with a current population of just over 7,500 within an area of approximately 5 square miles. Storm water from the City of Hiawatha discharges directly to Dry Creek, Otter Creek, Ushers Ferry Creek, and other major creeks that drain to the Cedar River. The six control measures as defined in our NPDES permit are:

- Public Education and Outreach
- Public Involvement and Participation
- Illicit Discharge Detection and Elimination
- Construction Site Storm Water Management
- Post-Construction Storm Water Management
- Pollution Prevention and Good Housekeeping

The objective of the City of Hiawatha's various storm water ordinances is to protect the taxpayer's health, safety and welfare through an economically viable storm water quality and quantity programs. We attempt to diminish threats to the public caused by runoff of excessive storm water and reducing possibilities of hydraulic overloading of the storm sewer system. These ordinances provide regulations for subdivision layout and construction, regulations for excavating and grading, regulations for erosion control, and regulations for building construction. Before starting construction, applicants must submit preliminary plans and specifications to show compliance with the provisions set forth in these ordinances.

The City of Hiawatha uses a server-based application and documentation reporting software, Citizenserve. Citizenserve is a fully customized on-line program for permitting and inspection data collection and filing for SWPPP, detention basin, and GP#2 tracking. A sample of the quarterly GP#2 inspection report is attached.

The City ordinance Chapter 101 was enacted to establish a storm water drainage district system and provides a means of funding the operation and maintenance of the storm water facilities. The ordinance imposes a monthly fee on all water meters in every residence, apartment, dwelling unit, commercial or industrial business. The fees are adjusted yearly, but do not provide enough revenue to fund a full-time storm water coordinator and all the operations required of staff. Storm water monitoring duties are shared by existing staff. A copy of Chapter 101 is attached.

Although it is difficult to list all the City's activities during this 2023 year, this report attempts to identify some of our major activities. We have organized the report according to the outline developed in Part II of the permit:

A. Public Education and Outreach

- The City participated in several seminars held to provide training for City personnel and other local contractors. Training attended:
 - Indian Creek Watershed Management Authority Board of Directors Meeting - August 2022, July 2023
 - ISWEP Conference - September 2022
 - ISWEP Virtual Member Meeting - December 2022 and March 2023
- Staff for the City of Hiawatha maintain the following certifications pertaining to storm water management and pollution prevention:
 - IDOT Erosion Control Basic: 1 Staff
 - IDOT Certified Erosion Control Technician: 1 Staff
 - Iowa Certified Construction Site Pollution Prevention Inspector: 5 Staff
 - Work Zone Safety: 9 Staff
 - ICIMPSP: 1 Staff
- We placed articles in the City's newsletter to provide information on improving urban water quality.
- The City has developed and upgraded general informational brochures regarding control of storm water. Copies of handouts are available to contractors or citizens at our Community Development Department. Samples are:

- Rainscaping Urban Landscapes
 - Construction Site Runoff Control
 - Conservation Strategies for Growing Communities
 - Storm Water Regulations and the Construction Industry
 - Drainage in Your Neighborhood
 - Soil Quality Restoration (SQR)
 - Managing Storm Water in Iowa Communities
 - Minor Erosion and Sediment Control (Residential)
 - Rainwater Harvesting
 - Green Roofs
 - Permeable Pavers
 - Bioretention Cells
- The City of Hiawatha provides education and contact information for reporting problems and or concerns through the City's web site. The web site of Hiawatha has been redeveloped and has a new look and layout. Copies of the storm water information and ways to report nuisances are included in the City of Hiawatha's Community Development page. The telephone hotline number is 319-393-1515.

B. Public Involvement and Participation

- A Storm Water Advisory Committee has been organized and is meeting on a quarterly basis. The committee currently has 3 members and is made up of a local citizen, a local contractor, and a mechanical engineer. The committee has been reviewing many of the City's ordinances and department procedures that include the storm water regulations. Updated ordinances will be adopted by the City Council. A copy of the May 2021 meeting minutes is attached.
- The City is a partner in the Indian Creek Watershed Management Authority. The Watershed Management Authority uses a cooperative, multi-jurisdictional for:
 - Water Shed Characterization and Quality
 - Hydrology and Stream Health
 - Watershed Action Plan
 - Funding Sources
 - Education and Outreach
 - Water Monitoring Plan
 - Soil Health Partnership
- A copy of the Indian Creek Watershed Recommended Management Strategies is included. The entire Indian Creek Watershed Plan can be reviewed at: <http://www.indiancreekwma.org/>

- The storm drain labeling has been done in previous years. The City's storm sewer intake labeling program continues each year with messages added to all new intakes that read "No Dumping, Drains to Stream". The labels are an excellent warning to help prevent hazardous material for entering the creeks.

C. Illicit Discharge and Elimination

- Review and update of the illicit discharge ordinance has been conducted by the Storm Water Advisory Committee and adopted by the City Council.
- The City of Hiawatha has a complete storm sewer map in our GIS system. Pipes, intakes, outlets, and drain tiles have been mapped. Storm sewers constructed in new subdivision are added to the map as they are accepted into the system. New detention basin is also added to the file as constructed and certified.
- Other storm water release locations were also inspected for illicit discharges during dry weather seasons. The locations chosen were the drainage way on Northwood Dr, the drainage way along 4th Ave and a manhole at 12th Ave and Bowler St. All three locations did not have any running water. The Northwood Dr location drains into Dry Creek basin. The other 2 locations drain into McLeod Run basin.
- The Engineering Department, Community Development, or Fire Department can be notified of any reported illicit discharge.

D. Construction Site Storm Water Runoff Control

- Construction site runoff control is monitored throughout the project by the building inspectors on staff as part of their normal duties. Projects of proper size are required to have a Storm Water General Permit #2 and follow the requirements of that permit. On smaller projects within the City, the site plans or house plans are reviewed and best management practices (BMP) are required for erosion control before the permit is issued.
- There is a \$200 fee for the major erosion control permit, which is defined as site more than 1 acre. There is a \$100 fee for a minor erosion control permit.

- Engineering Department inspects capital improvement projects and subdivision sites more than one acre. Commercial sites and single-family dwellings are inspected by the Building Department. The Engineering Department conducts the quarterly SWPPP inspections on active construction sites in the City that hold a General Permit #2 from IDNR
- The sites are monitored during construction and recorded:
 - The City staff logged over 533 inspection reports from daily site reviews identifying the results of checking storm water runoff controls.
 - The staff approved 10 site plans for commercial developments that provided erosion control plans with required SWPPP associated with construction activity.
 - The staff approved 61 site plans for residential developments that provide erosion control plans with SWPPP associated with construction activity.
 - Planning and Zoning Commission approved 0 new residential subdivisions that required erosion control plans, SWPPP submittal, and General Permit No. 2.
 - Active construction sites are visited often usually done weekly as part of other normal duties by staff. Pollution prevention facilities are reviewed to monitor if they are operating properly. If not, permit holders are notified to take corrective action.

E. Post-construction Storm water Management

- The storm water committee has updated the post-construction ordinance and it has been adopted by the City Council. A copy of Chapter 162 is attached.
- The City monitors construction projects for restoration and erosion control applications.
- GP2 quarterly reports are now scanned into the building department data base for easy access. Currently we have 21 open GP-2 permits. A sample quarterly inspection report is attached.
- The City has identified the location of the private detention facilities and developed a data base of owners. The City contacts all owners to continue with the recertification process of existing detention facilities. A City map has been developed in the GIS system to locate all privately owned detention facilities. The goal is to calculate the percent of the runoff in the City that is routed to

detention facilities. A sample map has been included along with a sample recertification letter from a local engineer.

- The City has been active in the local Home Builders Association (HBA). Many building site issues are being addressed by this organization. One such issue is the proposed topsoil rule for any new housing developments. The City Council adopted a new topsoil rule along with the adoption of the 2021 SUDAS regulations.
- The Storm Water Advisory Committee has met quarterly during the identified fiscal year. Meeting minutes can be found on the City website, with a sample of the agenda items attached. The committee proposed new topsoil regulations to be included in the updated construction specifications. The City has replaced the Metro Standard Specifications with the Iowa SUDAS Specifications. New specifications with topsoil regulations were enacted in January 2018.

F. Pollution prevention/Good housekeeping

- The City's storm sewer system is monitored and maintained by the Public Services Department. Costs associated with storm water repairs, by either staff or contractors are tracked. These costs can include education, design, maintenance and operating supplies. A cost summary is attached.
- During the previous year, new storm sewer and drain tile have been installed, or upgraded by new subdivisions. All new subdivisions are required to have detention and water quality facilities. The approximate new materials have been added:
 - 2,977 lf of storm sewer in various sizes
 - 44 lf storm sewer intakes
 - 8,283 lf of 6" diameter drain tile
- City of Hiawatha staff that handle and applied and pesticides or fertilizer are provided the proper training in methods of storage, application, and disposal of these materials. Staff attend classes annually to keep certifications current.
- Each spring the Ushers Ferry Creek & the Dry Creek drainage areas are assessed and a program for removal of debris is developed to prevent blockage and backups. The City hires a private contracting firm to clean and remove down trees and other obstructions. This will improve flow and reduce the possibility of localized flooding. Ushers Ferry Creek and the Dry Creek drainage areas were cleared out of trees that were downed by the Derecho storm.

G. Contacts for the City of Hiawatha

- Jon Fitch PE / City Engineer
 - (319)393-1515 ext. 528
 - jfitch@hiawatha-iowa.com

- Patrick Parsley / Community Development Director
 - (319)393-1515 ext. 229
 - pparsley@hiawatha-iowa.com

Thank you for this opportunity and if you have any questions, please feel free to contact us at 319-393-1515, ext. 528.

Sincerely,

A handwritten signature in blue ink that reads "Jon Fitch". The signature is written in a cursive, flowing style.

Jon Fitch PE
City Engineer
City of Hiawatha
101 Emmons St.
Hiawatha, Iowa 52233

2023 ANNUAL DNR STORMWATER REPORT

APPENDIX



CERTIFIED MAIL

January 26, 2021

JONATHAN FITCH
CITY OF HIAWATHA
101 EMMONS ST
HIAWATHA IA 52233

RE: Final Municipal Separate Storm Sewer (MS4) Permit No. 57-35-0-00

Dear Mr. Fitch:

Please find enclosed the final National Pollutant Discharge Elimination System (NPDES) permit for the discharge of storm water from this site facility.

No changes have been made from the draft permit.

If you have any questions or comments concerning this matter, please contact me at 515-725-8417 or joe.griffin@dnr.iowa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Joe Griffin", is written over a light blue circular stamp.

Joe Griffin
NPDES Section

Enclosure

IOWA DEPARTMENT OF NATURAL RESOURCES

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT

PERMITTEE

City of Hiawatha
101 Emmons St.
Hiawatha, Iowa 52233

IDENTITY AND LOCATION OF FACILITY

City of Hiawatha

IOWA NPDES PERMIT NUMBER: 57-35-0-00

RECEIVING WATERCOURSES

Dry Creek and other, undesignated streams

DATE OF ISSUANCE: February 1, 2021

DATE OF EXPIRATION: January 31, 2026

**YOU ARE REQUIRED TO FILE
FOR RENEWAL OF THIS PERMIT BY:** August 4, 2025


EPA NUMBER – IA0078743

This permit is issued pursuant to the authority of section 402(b) of the Clean Water Act (33 U.S.C. 1342(b)), Iowa Code section 455B.174, and rule 567--64.13, Iowa Administrative Code. You are authorized to operate the disposal system and to discharge the pollutants specified in this permit in accordance with the monitoring requirements and other terms set forth in this permit.

You may appeal any conditions of this permit by filing written notice of appeal and request for administrative hearing with the director of this department within 30 days of receipt of this permit.

Any existing, unexpired Iowa operation permit or Iowa NPDES permit previously issued by the department for the facility identified above is revoked by the issuance of this Iowa NPDES operation permit.

FOR THE DEPARTMENT OF NATURAL RESOURCES

By 

Joe Griffin
NPDES Section

PART I. DISCHARGES AUTHORIZED UNDER THIS PERMIT

A. Permit Area

This permit covers all areas within the boundaries of the City of Hiawatha totaling approximately 4.8 square miles which is drained by the city's Municipal Separate Storm Sewer System (MS4) and any other areas added while this permit is in effect.

B. Authorized Discharges

This permit authorizes all existing or new storm water point source discharges to waters of the State from the MS4. This permit also authorizes the discharge of storm water commingled with flows contributed by process wastewater, non-process wastewater, or storm water associated with industrial activity provided such discharges are authorized under separate NPDES permits, as required by law. This permit does not authorize discharges to the MS4.

C. Limitations on Coverage

The following discharges are not authorized or regulated by this permit:

Storm water discharges that are mixed with non-storm water and storm water associated with industrial activity except where such discharges are:

1. in compliance with a separate NPDES permit; or
2. identified by and in compliance with Part IV. of this permit.

PART II. STORM WATER POLLUTION PREVENTION & MANAGEMENT

The permittee shall implement the Best Management Practices (BMPs), measurable goals and frequencies described in the following sections.

A. Public Education and Outreach on Storm Water Impacts

The permittee shall continue implementing a public education and outreach program about the impacts of storm water discharges and measures which the residents of the permittee can implement to reduce pollutants in storm water runoff that includes the following:

1. General Storm Water Education Brochure – An informational brochure shall continue to be distributed to all new businesses and residents served by the MS4. The brochure shall present information regarding storm water impacts on water quality and measures that can be implemented to reduce water quality degradation from storm water. The brochure shall also include information regarding the topsoil preservation requirements stipulated in the Department's Storm Water General Permit 2 informing residents that all construction sites, including residential building sites, platted or permitted on or after October 1, 2012 are required to have the topsoil preserved, unless infeasible.

The brochure shall continue to be distributed by the permittee and made available on the permittee's website for the duration of the permit.

2. Telephone Hotline Number – The permittee shall continue to provide a telephone number for the reporting of storm water related problems. The telephone number shall be made available on the website and included in other storm water educational materials.
The telephone number shall continue to be provided for the duration of the permit.
3. Storm Water Web Page – The permittee’s website shall contain information regarding storm water impacts on water quality, measures residents can implement to reduce pollutants in storm water, regulations, current local topics, information in the brochures and links to other relevant websites. A form for reporting storm water complaints shall be provided on the website. The website shall include information regarding the topsoil preservation requirements stipulated in the Department’s Storm Water General Permit 2 informing residents that all construction sites, including residential building sites, platted or permitted on or after October 1, 2012 are required to have the topsoil preserved, unless infeasible. The website shall be updated as needed.

The storm water web page shall continue to be made available by the permittee for the duration of the permit.

4. Article in City Newsletter – The permittee shall continue to publish at least one article each calendar year in the city employee newsletter. The articles shall present information regarding storm water impacts on water quality and measures that can be implemented to reduce water quality degradation from storm water. The articles shall include information regarding the topsoil preservation requirements stipulated in the Department’s Storm Water General Permit 2 informing residents that all construction sites, including residential building sites, platted or permitted on or after October 1, 2012 are required to have the topsoil preserved, unless infeasible.

At least one article shall be published each calendar year by the permittee for the duration of the permit.

5. Site Design Workshop – The permittee shall continue to conduct or sponsor workshops intended to educate developers, builders, contractors and consultants about ways in which developments and construction sites can be designed to improve the quality of storm water runoff. The permittee shall notify potential participants via the city newsletter and on their website.

The workshops shall continue to be held by the permittee at least once each year for the duration of the permit.

B. Public Involvement and Participation

The permittee shall continue implementing a public involvement and participation program that includes the following:

1. Storm Water Advisory Committee – The permittee shall continue to meet with a storm water advisory committee to participate in decision making, holding public hearings and working with volunteer groups. Businessmen, developers, homeowners, members of environmental groups and members of the public at large shall be allowed to participate, if interested. However, the permittee may place reasonable limits on the total number of individuals participating in the group.

Meetings shall continue to be held by the permittee at least once each calendar year for the duration of the permit.

2. Public Notice Requirements - When implementing a public involvement and participation program, the permittee must comply with all state and local public notice requirements.

C. Illicit Discharge Detection and Elimination

The permittee shall continue implementing and enforcing a discharge detection and elimination program that includes the following:

1. Illicit Discharge Prohibition Ordinance – An ordinance shall continue to be amended as necessary and enforced by the permittee that prohibits anything other than storm water, allowable non-storm water and pollutants for which an NPDES permit has been issued and when the discharge is in compliance with the permit from entering the MS4. The ordinance shall include language that enables the permittee to inspect private property if an illicit discharge is suspected and penalties for non-compliance.

The ordinance shall be enforced by the permittee for the duration of the permit.

2. Illicit Discharge Detection and Elimination Program – A program shall continue to be implemented to identify and eliminate illicit discharge to the MS4. The program shall include annual dry weather flow inspections of all outfalls not already inspected since flows from newly developed or re-developed areas have been discharged from the outfalls, sampling and analyses of these dry weather flows, procedures to identify the sources of the dry weather flows and procedures for disconnecting illicit connections. Dry weather flow inspections may be made at manholes and other points prior to the flows joining larger portions of the MS4 to facilitate detection of illicit discharges. Records shall be kept of when inspections are performed, the results of the inspections and measures taken to identify and, when appropriate, eliminate the sources of any dry weather flows. The plan shall be evaluated annually to assess the effectiveness of the program and any necessary changes made. All illicit discharges found must be eliminated no more than 21 days after discovery. If it is not possible to eliminate an illicit discharge within 21 days of discovery, the permittee shall submit to the Department the reasons why the discharge cannot be eliminated within 21 days of discovery and a plan which contains a timeline of activities which will result in the elimination of the discharge. This statement and plan shall be submitted within 21 days of discovery of the illicit discharge. If the Department does not approve the plan, the permittee will then be required to eliminate the discharge no later than a date specified by the Department. All illicit discharges shall be reported to the Department no later than the end of the first business day after the day of the discovery.

The plan shall continue to be implemented by the permittee for the duration of the permit.

3. Storm Drain Labeling – A program shall continue to be implemented to label all storm sewer intakes using volunteers to assist the permittee. All new intakes shall be marked as constructed and shall be re-marked as necessary to maintain legibility for the duration of the permit.

D. Construction Site Storm Water Runoff Control

The permittee shall continue implementing and enforcing a construction site storm water runoff control program to reduce pollutants in any storm water runoff from construction activities for which storm water permit coverage is required and that includes the following:

1. Construction Site Runoff Control Ordinance – An ordinance shall continue to be amended as needed and enforced on all sites for which NPDES permits are required that requires proper soil erosion and sediment control. This ordinance shall also address waste at construction sites that may cause adverse impacts to water quality such as building materials, concrete truck washout, chemicals, solid waste and sanitary waste. Authority to issue an order to terminate activities due to failure to implement or maintain pollution control BMPs, authority for the permittee to enter private property for the purposes of compliance inspections and penalties for non-compliance shall be included. The ordinance shall require site plan and pollution prevention plan review and approval by the permittee prior to issuance of any permits for the site by the permittee. The ordinance shall require compliance with the Department’s Storm Water General Permit no. 2.

The ordinance shall continue to be enforced by the permittee for the duration of the permit.

2. Construction Site Review and Inspection Program - The permittee shall require site plan and pollution prevention plan review and approval by the permittee prior to issuance of any permits for the site by the permittee for construction activities for which an NPDES permit is required. The program shall require compliance with the Department’s Storm Water General Permit no. 2 and inspections by the permittee of all sites for which coverage under General Permit no. 2 is required. The program shall require each of these sites be inspected by the permittee at least once each calendar quarter. City personnel shall ensure that all topsoil preservation requirements stipulated by General Permit no. 2 are implemented on those sites for which they are required.

The program shall continue to be implemented by the permittee for the duration of the permit.

3. BMP Manual – The permittee shall continue to implement a Best Management Practices design manual which shall include design criteria for structural controls to be implemented at construction sites. The manual shall also be included on the website.

The manual shall continue to be made available by the permittee for the duration of the permit.

E. Post-construction Storm Water Management

The permittee shall continue implementing and enforcing a program to address storm water runoff from new construction and re-construction projects for which storm water coverage is required. The program must ensure that controls are in place that will prevent or minimize water quality impacts and shall include the following:

1. Post–construction Site Runoff Control Policy Ordinance – An ordinance shall continue to be amended as necessary and enforced which will address the control of runoff from building activities after construction has been completed. The ordinance shall require water quality and quantity components be considered in the design of new construction and implemented when practical. The ordinance shall promote the use of storm water detention, retention, infiltration, other Best Management Practices specific to each site which address water quality and quantity issues and proper operation and maintenance of these facilities.

The ordinance shall continue to be enforced by the permittee for the duration of the permit.

2. Site Plan Review of Post–construction Runoff Controls – The permittee shall continue to implement procedures and acceptance criteria for review of post-construction runoff controls for all construction sites for which coverage under NPDES storm water permits are required. The

permittee shall not allow construction activities to commence until the plans for post-construction runoff controls have been reviewed and approved.

The program shall continue to be implemented by the permittee for the duration of the permit.

3. Inspection of Runoff Control Devices – Municipally owned storm water control devices and structures shall be inspected and reviewed for proper maintenance. Educational materials shall continue to be made available to landowners which outline proper maintenance procedures. The permittee shall properly maintain its own control devices and structures. Inspections shall continue to be conducted by the permittee for the duration of the permit. The educational materials shall continue to be made available for the duration of the permit.
4. Watershed Assessment Program – A watershed assessment program and comprehensive land use plan shall continue to be implemented which outlines measures to be implemented which reduce flooding, reduce erosion in ditches and streams, improve water quality and reduce degradation of habitat for fish and wildlife. The permittee shall then implement the program whenever possible to meet these goals.

The program shall continue to be implemented by the permittee for the duration of the permit.

F. Pollution Prevention/Good Housekeeping

The permittee shall continue implementing an operation and maintenance program, including a training component, that shall prevent or reduce pollutant runoff from municipal operations and that shall include the following:

1. Operation and Maintenance of MS4 - A program for inspecting, maintaining and cleaning all components of the MS4 including street sweeping shall continue to be implemented. All above-ground components of the MS4 shall be inspected at least once each year and maintenance performed as appropriate.

The program shall continue to be implemented by the permittee for the duration of the permit.

2. Pesticide and Fertilizer Management Program – A pesticide and fertilizer management program shall continue to be implemented and enforced which shall reduce pollutant discharge associated with storage, application and disposal of pesticides and fertilizers for municipal operations. The program shall identify all municipal entities that apply pesticides and fertilizers, require that application of these chemicals be applied by properly trained individuals, require training on management techniques addressing storage, application and disposal. Data regarding the application rates of pesticides and fertilizers shall be gathered and evaluated to determine if lower rates would be equally effective. Should it be determined that lower application rates would be equally or nearly as effective it shall be required that the lower rates be applied.

The program shall continue to be implemented by the permittee for the duration of the permit.

3. Training Program for Municipal Employees – The permittee shall continue to implement a program for training municipal employees regarding practices to be implemented in city operations to reduce pollutants in storm water.

The program shall continue to be implemented by the permittee for the duration of the permit.

4. City Facilities BMPs – A program shall continue to be implemented to assess BMPs at city facilities to be implemented that reduce pollutants in storm water from these facilities. These measures shall then be implemented whenever practical.

The program shall continue to be implemented by the permittee for the duration of the permit.

PART III. REPORTING REQUIREMENTS

Annual Report

The permittee shall prepare an annual report to be submitted to the Department no later than October 31 of each calendar year. The report shall be submitted to the appropriate Department field office and shall include the following:

1. The status of implementing the components of this permit. Any modifications developed by the permittee and approved by the Department or required by the Department shall also be addressed.
2. A summary of the data, including monitoring data if it exists, that is generated within the reporting period including a narrative description of storm water quality improvements or degradation. This is not to be construed as a requirement to conduct monitoring except in cases where an illicit discharge is suspected.
3. An estimate of the previous fiscal year's expenditures for implementation of the requirements of this permit and the budget for the current fiscal year.
4. A summary describing the number and nature of inspections, enforcement actions, illicit discharges discovered, ordinances adopted, public education programs conducted, components of the MS4 cleaned, stream restoration activities, meetings held and any other actions taken by the permittee required by this permit during the reporting period.

PART IV. SPECIAL CONDITIONS

Only storm water, allowable non-storm water, and pollutants for which an NPDES permit has been issued and when the discharge is in compliance with the permit, are allowed to be discharged to the MS4. The permittee shall not have nor allow any discharge of pollutants from a site, facility or source for which an NPDES permit is required unless an NPDES permit has been issued for the discharge. Upon discovery of any unpermitted discharge for which a permit is required or, if an NPDES permit has been issued for the discharge, a discharge not in compliance with the permit, the permittee shall report the discharge to the Department no later than the end of the next business day after the discharge is discovered. Floor drains and other potential sources of pollutants shall be considered discharges even if no actual pollutants have been observed entering the MS4 from such a source.

The permittee is prohibited from issuing any permit, authorization or license allowing any construction, excavating, clearing, grubbing, or any other soil disturbing activity and is prohibited from allowing a person, persons, company, political unit or other entity, public or private, from doing same for which, in whole or as part of another project, coverage under an NPDES permit is required without first ensuring that a storm water authorization from the Department has been issued for the activity.

A construction site inspection program shall continue to be implemented for construction projects owned or operated by the permittee that include areas of soil disturbance for which NPDES permits are required. The inspection program shall be used to ensure that contractors are correctly implementing BMPs which have been approved in the pollution prevention plan and any additional necessary measures. The program shall require inspections by the permittee at least every 7 days and include any other provisions necessary to ensure compliance by contractors with the storm water General Permit no. 2. Inspections made by the permittee that satisfy the requirements of General Permit no. 2 may be used to satisfy the requirements of this permit.

A map of the MS4, including all outfalls, shall be maintained for the duration of this permit.

All salt storage shall be in a structure impervious to precipitation and any spillage due to handling activities in an area subject to runoff shall be immediately removed.

The permittee may directly place snow, free of trash, into or onto a Water of the State.

The manner in which actions required by this permit are accomplished by the permittee is subject to review and approval by the Department. Should the Department give notice to the permittee that the approach used by the permittee to comply with any permit provision is unacceptable, the permittee must modify its approach as required in order to be considered in compliance with the permit.

PART V. STANDARD CONDITIONS

A. Permittee's Duty to Comply

The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Water Act (CWA) and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. Issuance of this permit does not relieve the permittee of the responsibility to comply with all local, state and federal laws, ordinances, regulations or other legal requirements applying to the operation of this facility (see 40 CFR 122.41(a) and 567-64.3(11) IAC).

B. Duty to Provide Information

The permittee shall furnish to the Department, within a time specified by the Department, any information that the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. The permittee must also furnish to the Department, upon request, copies of any records required to be kept by this permit.

C. Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

D. Signatory Requirements

Storm Water Pollution Prevention Plans, reports, certifications or information either submitted to the Department or that this permit requires be maintained by the permittee, shall be signed as follows:

For a municipality, State, Federal, or other public facility: by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a Federal agency includes 1) the

chief executive officer of the agency, or 2) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency.

Certification Any person signing documents shall make the following certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

E. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit that has a reasonable likelihood of adversely affecting human health or the environment.

F. Property Rights

The issuance of this permit does not convey any property rights of any sort, nor any exclusive privileges, nor does it authorize any injury to private property nor any invasion of personal rights, nor any infringement of Federal, State, or local laws or regulations.

G. Severability

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

H. State/Environmental Laws

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable State law or regulation under authority preserved by Section 510 of the Act. No condition of this permit shall release the permittee from any responsibility or requirements under other environmental statutes, regulations or permits.

I. Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit and with the requirements of storm water pollution prevention plans. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. Proper operation and maintenance requires the operation of backup or auxiliary facilities or similar systems, installed by the permittee only when necessary to achieve compliance with the conditions of the permit.

J. Inspection and Entry

The permittee shall allow the Department, an authorized representative or an authorized representative of the municipal operator of the separate storm sewer receiving the discharge, upon the presentation of credentials and other documents as may be required by law, to: enter upon the permittee's premises where a regulated facility

or activity is located or conducted or where records must be kept under the conditions of this permit; have access to and copy at reasonable times, any records that must be kept under the conditions of this permit; inspect at reasonable times any facilities or equipment (including monitoring and control equipment); and to sample any discharge of pollutants.

K. Permit Actions

This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or discontinuance, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. This permit may be modified due to conditions or information on which this permit is based, including any new standard the Department may adopt that would change the required effluent limits.

L. Potential or Realized Impacts on Water Quality

If there is evidence indicating potential or realized impacts on water quality or on a listed endangered species due to any storm water discharge associated with industrial activity covered by this permit, the permit shall be modified to include different limitations and/or requirements of the Pollution Prevention Plan and its implementation.

M. Failure to submit fees

This permit may be revoked, in whole or in part, if the appropriate permit fees are not submitted within sixty (60) days of the date of notification that such fees are due.

N. Penalties For Violations of Permit Conditions

Section 309 of the CWA provides significant penalties for a person(s) who violates a permit condition implementing Section 301, 302, 306, 307, 318, or 405 of the CWA, or any permit condition or limitation implementing any such sections in a permit issued under Section 402. Any person(s) who violates any condition of this permit is subject to a civil penalty not to exceed \$25,000 per day of such violation, as well as any other appropriate sanction provided by Section 309 of the CWA.

PART VI. DEFINITIONS

1. Allowable Non-Storm Water means: discharges from fire fighting activities, fire hydrant flushings, potable water sources, waterline flushings, uncontaminated groundwater, foundation or footing drains where flows are not contaminated with process materials such as solvents, springs, riparian habitats, wetlands, irrigation water, air conditioning condensate, exterior building washwater when no detergents or other surfactants are used and pavement washwaters where spills or leaks of toxic or hazardous materials have not occurred and when no detergents or other surfactants are used.
2. Best Management Practices ("BMPs") means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control facility site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.
3. Calendar Quarter means each of the following periods: December thru February, March thru May, June thru August and September thru November.

4. CWA means Clean Water Act (formerly referred to as the Federal Water Pollution Control Act or Federal Water Pollution Control Act Amendments of 1972).
5. Department means the Iowa Department of Natural Resources (IDNR) or an authorized representative.
6. Discharge means the release of water and any elements, compounds and particles contained within or upon, from property owned or controlled by an individual, individuals, or entity.
7. Facility means any entity which discharges storm water.
8. Municipal separate storm sewer system means the conveyance or system of conveyances including storm sewers, roadways, roads with drainage systems, catch basins, curbs, gutters, ditches, constructed channels and storm drains owned or operated by the permittee.
9. Permittee means the City of Hiawatha.
10. Point source means any discernible, confined, and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, landfill leachate collection system, vessel or other floating craft from which pollutants are or may be discharged. This term does not include return flows from irrigated agriculture or agricultural storm water runoff.
11. Significant materials includes, but is not limited to: raw materials; fuels; materials such as solvents, detergents, and plastic pellets; finished materials such as metallic products; raw materials used in food processing or production; hazardous substances designated under Section 101(14) of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA); any chemical the facility is required to report pursuant to Emergency Planning and Community Right-to-Know Act (EPCRA) Section 313; fertilizers; pesticides; and waste products such as ashes, slag and sludge that have the potential to be released with storm water discharges.
12. Storm water means storm water runoff, snow melt runoff, snow and surface runoff and drainage.
13. Storm water discharge associated with industrial activity means the discharge from any conveyance that is used for collecting and conveying storm water and that is directly related to manufacturing, processing or raw materials storage areas at an industrial plant. The term does not include discharges from facilities or activities excluded from the NPDES program. For the categories of industries identified in paragraphs (i) through (x) of this definition, the term includes, but is not limited to, storm water discharges from industrial plant yards; immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility; material handling sites; refuse sites; sites used for the application or disposal of process waste waters (as defined at 40 CFR Part 401); sites used for the storage and maintenance of material handling equipment; sites used for residual treatment, storage, or disposal; shipping and receiving areas; manufacturing buildings; storage areas (including tank farms) for raw materials, and intermediate and finished products; and areas where industrial activity has taken place in the past and significant materials remain and are exposed to storm water. For the categories of industries identified in paragraph (xi) of this definition, the term includes only storm water discharges from all areas (except access roads and rail lines) listed in the previous sentence where material handling equipment or activities, raw materials, intermediate products, final products, waste materials, by-products, or industrial machinery are exposed to storm water. For the purposes of this paragraph, material handling activities include the storage, loading and unloading, transportation, or conveyance of any raw material, intermediate product, finished product, by-product or waste product. The term excludes areas located on plant lands separate from the plant's industrial activities, such as office buildings and accompanying parking lots as long as the drainage from the excluded areas is not mixed with storm water drained from the above described areas. Industrial facilities (including industrial facilities that are Federally, State, or municipally owned or operated that meet the description of the facilities listed in paragraphs (i) to (xi) of this definition) include

those facilities designated under 122.26(a)(1)(v). The following categories of facilities are considered to be engaging in "industrial activity" for purposes of this subsection.

- (i) Facilities subject to storm water effluent limitations guidelines, new source performance standards, or toxic pollutant effluent standards under 40 CFR Subchapter N (except facilities with toxic pollutant effluent standards that are exempted under category (xi) of this definition);
- (ii) Facilities classified as Standard Industrial Classifications 24 (except 2434), 26 (except 265 and 267), 28 (except 283 and 285), 29, 311, 32 (except 323), 33, 3441, 373;
- (iii) Facilities classified as Standard Industrial Classifications 10 through 14 (mineral industry) including active or inactive mining operations (except for areas of coal mining operations no longer meeting the definition of a reclamation area under 40 CFR 434.11(l) because the performance bond issued to the facility by the appropriate SMCRA authority has been released, or except for areas of non-coal mining operations that have been released from applicable State or Federal reclamation requirements after December 17, 1990) and oil and gas exploration, production, processing, or treatment operations, or transmission facilities that discharge storm water contaminated by contact with or that has come into contact with, any overburden, raw material, intermediate products, finished products, byproducts or waste products located on the site of such operations; inactive mining operations are mining sites that are not being actively mined, but that have an identifiable owner/operator;
- (iv) Hazardous waste treatment, storage, or disposal facilities, including those that are operating under interim status or a permit under Subtitle C of RCRA;
- (v) Landfills, land application sites, and open dumps that have received any industrial wastes (waste that is received from any of the facilities described under this subsection) including those that are subject to regulation under Subtitle D of RCRA;
- (vi) Facilities involved in the recycling of materials, including metal scrap yards, battery reclaimers, salvage yards, and automobile junkyards, including but limited to those classified as Standard Industrial Classification 5015 and 5093;
- (vii) Steam electric power generating facilities, including coal handling sites;
- (viii) Transportation facilities classified as Standard Industrial Classifications 40, 41, 42 (except 4221-25), 43, 44, 45 and 5171 that have vehicle maintenance shops, equipment cleaning operations, or airport deicing operations. Only those portions of the facility that are either involved in vehicle maintenance (including vehicle rehabilitation, mechanical repairs, painting, fueling, and lubrication), equipment cleaning operations, airport deicing operations, or that are otherwise identified under paragraphs (i) to (vii) or (ix) to (xi) of this subsection are associated with industrial activity;
- (ix) Treatment works treating domestic sewage or any other sewage sludge or wastewater treatment device or system, used in the storage treatment, recycling, and reclamation of municipal or domestic sewage, including land dedicated to the disposal of sewage sludge that are located within the confines of the facility, with a design flow of 1.0 mgd or more, or required to have an approved pretreatment program under 40 CFR Part 403. Not included are farm lands, domestic gardens or lands used for sludge management where sludge is beneficially reused and that are not physically located in the confines of the facility, or areas that are in compliance with 40 CFR Part 503;
- (x) Construction activity including clearing, grading and excavation activities that result in the disturbance of 1 acre or more of total land area or which result in the disturbance of less than 1 acre but are part of a larger common plan of development or sale of 1 acre or more;

Facility Name: City of Hiawatha Municipal Separate Storm Sewer System
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(xi) Facilities under Standard Industrial Classifications 20, 21, 22, 23, 2434, 25, 265, 267, 27, 283, 285, 30, 31 (except 311), 323, 34 (except 3441), 35, 36, 37 (except 373), 38, 39, 4221-25, (and that are not otherwise included within categories (i) to (x)).

14. Waters of the State means any river, stream, lake, pond, marsh, watercourse, waterway, well, spring, reservoir, aquifer, irrigation system, drainage system and any other body or accumulation of water, surface or underground, natural or artificial, public or private, which are contained within, flow through or border upon the state or any portion thereof.

CHAPTER 101

STORM WATER DRAINAGE SYSTEM

101.01 Purpose	101.05 Lien for Nonpayment
101.02 Storm Water Drainage System	101.06 Storm Water Emergencies
101.03 Rates	101.07 Storm Water Emergencies Fees
101.04 Payment of Rates	

101.01 PURPOSE.

The purpose of this chapter is to establish a storm water drainage system district and provide a means of funding the operation and maintenance of storm water management facilities including, but not limited to, retention or detention basins, storm sewers, inlets, ditches and drains.

101.02 STORM WATER DRAINAGE SYSTEM.

The entire City is hereby declared a storm water drainage system district for the purpose of establishing, imposing, adjusting and providing for the collection of rates for the operation and maintenance of storm water management facilities. As additional areas are annexed to the City they shall immediately be included in the storm water drainage system district.

101.03 RATES.

The rates for the operation and maintenance of the storm water management facilities shall be collected by imposing a monthly rate on every City water meter, and on every residence, apartment, and dwelling unit in mobile home parks. The rates shall be billed and collected in the same manner as water service rates. The Council shall have the authority to establish different monthly rates for different classifications of City water meters. The following rates have been established:

	FY22	FY23	FY24	FY25	FY26
Residential	\$4.25	\$4.50	\$4.75	\$5.00	\$5.25
Commercial/Apartments - Base of residential home plus increment rate per 10,000 sf of imperious area	\$5.50	\$6.00	\$6.50	\$7.00	\$8.00
Each Mobile Home	\$3.75	\$3.85	\$3.95	\$4.05	\$4.15

(Section 101.03 - Ord 955 - Nov. 21 Supp.)

101.04 PAYMENT OF RATES.

The monthly rates are due and payable under the same terms and conditions as sewer service charges. Procedures for delinquent final accounts and write offs shall be adopted by resolution passed by the City Council.

101.05 LIEN FOR NONPAYMENT.

Except as provided for in Section 99.06 of this Code of Ordinances, the owner of the premises served and any lessee or tenant thereof shall be jointly and severally liable for charges for the operation and maintenance of the storm water management facilities. Any such charges remaining unpaid and delinquent shall constitute a lien upon the premises served and shall be certified to the County Treasurer for collection in the same manner as property taxes.

(Code of Iowa, Sec. 384.84)

101.06 STORM WATER EMERGENCIES.

The City's Public Works Department is available seven days week, 24 hours a day to assist City property owners in the event that a storm water emergency occurs. In the event a property owner contacts the City to report a storm water emergency including, the backup of retention or detention basins, storm sewers, inlets, ditches, or drains, and a Public Works employee goes out to the property to investigate or perform maintenance work in relation to the storm water

emergency; and after investigation by the Public Works employee the storm water emergency is determined to be caused by the privately owned portion of the storm water drainage system; labor and equipment fees can be assessed to the property owner as outlined in 101.07. The City will only maintain and repair City owned infrastructure.

101.07 STORM WATER EMERGENCIES FEES.

All fees associated with Section 101.06 of this chapter will be mailed to the property owner as an invoice and said fees shall be paid to the City of Hiawatha by the due date listed on the invoice for payment.

1. Fees associated with activities as provided in Section 101.06 of this chapter shall be adopted by resolution passed by City Council.
2. Fees charged in connection with activities as provided in Section 101.06 of this chapter shall cover only the City's costs, including but not limited to, City employee labor and the use of City equipment.

CHAPTER 162

STORM WATER RUNOFF CONTROL

162.01 Purpose	162.13 Detention Facilities in Floodplains
162.02 Other Permits	162.14 Flows from Upland Areas
162.03 Definitions	162.15 Preliminary and Final Plat Requirements
162.04 Applicability	162.16 Drainage and Detention Design Standards
162.05 Design Storm Event	162.17 Rooftop, Parking Lot and Other Detention Storage
162.06 Detention of Excess Storm Water Runoff	162.18 Certification and Maintenance
162.07 Discharge Rate	162.19 Safety Features
162.08 Discharge Velocity	162.20 Administration
162.09 Emergency Spillway	162.21 Variances
162.10 Freeboard	162.22 Special Use Permit
162.11 Joint Development of Control Systems	162.23 Official Maps and Profiles
162.12 Early Installation of Control Systems	162.24 Interpretation

162.01 PURPOSE.

The purpose of this chapter is to diminish threats to public health and safety caused by the runoff of excessive storm waters, reduce the possibilities of hydraulic overloading of the storm sewer system, reduce economic losses to individuals and the community at large, enhance broader social orderly development, and prevent victimizations and fraud. The provisions of this chapter further supplement:

1. Subdivision Regulations. The subdivision, layout, and improvement of lands located within the corporate limits of the City.
2. Excavating and Grading Regulations. The excavating, filling, and grading of lots and other parcels or areas.
3. Building Construction Regulations. The construction of buildings and the drainage of the sites on which those structures are located, to include parking and other paved areas.
4. Storm Water Drainage Systems. The design, construction, and maintenance of storm water drainage facilities and systems.

162.02 OTHER PERMITS.

Before starting any construction regulated by this chapter, an applicant shall comply with the requirements set forth in other applicable chapters of this Code of Ordinances with respect to the submission and approval of preliminary and final subdivision plats, improvement plans, building and zoning permits, inspections, appeals and similar matters, along with those set forth in this chapter and as may be required by State statutes and the regulations of any Department of the State of Iowa.

162.03 DEFINITIONS.

For the purposes of this chapter, the following definitions are adopted:

1. “Base flood elevation” means the elevation of delineating the flood level having a one-percent probability of being equaled or exceeded in any given year (also known as the 100-year flood), as determined from Flood Insurance Rate Maps (FIRMs) or the best available information.
2. “Capacity of a storm drainage facility” means the maximum capability of a storm drainage facility to convey storm water flows without causing damage to public or private property; and, in the case of a pipe, without surcharging.
3. “Channel” means a natural or manmade open watercourse with definite bed and banks which periodically or continuously contains moving water; or which forms a connecting link between two bodies of water.

4. “Compensatory storage” means an artificially excavated volume of storage within a floodplain used to balance the loss of natural flood storage capacity when artificial fill or structures are placed within the floodplain.
5. “Conduit” means any channel, pipe, sewer, or culvert used for the conveyance or movement of water, whether open or closed.
6. “Design standards for public improvements” means standards formally adopted by the City to which all designs, and the resulting public improvements, must conform.
7. “Detention basin” means a facility constructed or modified to restrict the flow of storm water to a prescribed maximum rate, and to concurrently detain the excess waters that accumulate behind the outlet.
8. “Detention storage” means the temporary detaining or storage of storm water in storage basin, on rooftops, in streets, parking lots, school yards, parks, open space, or other areas under predetermined and controlled conditions, with the rate of drainage therefrom regulated by appropriately installed devices.
9. “Development” means the change or improvement of any parcel of land for residential, commercial, industrial, institutional, recreational, or public utility purpose, said change or improvement to include but not be limited to erection of a new structure; expansion of an existing structure; construction of a new parking area; expansion of an existing parking area; or construction of a new access drive.
10. “Discharge” means the rate of outflow of water from any source.
11. “Drainage area” means the area from which water is carried off by a drainage system, i.e. a watershed or catchment area.
12. “Dry bottom detention basin” means a basin designed to be completely drained after having provided its planned detention of runoff during a storm event.
13. “Excess storm water runoff” means the volume and rate of flow of storm water discharged from an urbanized drainage area which is or will be in excess of that volume and rate which occurred before urbanization.
14. “Fifty-year, 24-hour storm” means a precipitation event of 24-hours’ duration, having a two percent chance of occurring in any one year.
15. “Floodplain” means the special flood hazard lands adjoining a watercourse, the surface elevation of which is lower than the base flood elevation and is subject to periodic inundation.
16. “Hydrograph” means a graph showing, for a stream or conduit, the runoff flowrate time.
17. “One hundred-year, 24-hour storm” means a precipitation event of 24-hours’ duration, having a one percent chance of occurring in any one year.
18. “Peak flow” means the maximum rate of flow of storm water at a given point in a channel or conduit resulting from a predetermined storm or flood.
19. “Retention basin” means a structure or feature designed to retain storm water over a period of time, with its release being positively controlled over a longer period of time than in a detention basin.
20. “SCS method” means a technique for calculating storm water runoff volume and peak flow described in Soil Conservation Service (SCS) Technical Release 55.
21. “Special use” means all conditional uses or accessory uses and any use not previously defined or contemplated in this chapter or in the Zoning Ordinance.
22. “Storm water drainage facility” means any element in a storm water drainage system which is made or improved by man.
23. “Storm water drainage system” means all means, natural or manmade, used for conducting storm water to, through, or from a drainage area to the point of final outlet, including (but not limited to) any of the following: open and closed conduits and appurtenant features, canals, channels, ditches, streams, swales, culverts, streets, and pumping stations.

24. “Storm water runoff” means the waters derived from precipitation within a tributary drainage area, flowing over the surface of the ground or collected in channels or conduits.

25. “Ten-year storm” means a precipitation event having a ten percent chance of occurring in any one year.

26. “Ten-year storm runoff” means the storm water runoff having a ten percent probability of occurring on any one year.

27. “Time of concentration” means the elapsed time for storm water to flow from the most distant point in a drainage area to the outlet or other predetermined point.

28. “Unprotected channel” means a channel which receives storm water discharge and which is not paved, rip-rapped, or otherwise improved by addition of manmade materials so as to reduce the potential for erosion.

29. “Urbanization” mean the development, change, or improvement of any parcel of land consisting of one or more lots for residential, commercial, industrial, institutional, recreational or public utility purposes.

30. “Water body” means any natural or artificial pond, lake, reservoir, or other area which ordinarily or intermittently contains water and which has a discernible shoreline.

31. “Watercourse” means any natural or artificial stream, river, creek, channel, ditch, canal, conduit, culvert, drain, waterway, gully, ravine, street, roadway, swale, or wash in which water flows in a definite direction, either continuously or intermittently, and which has a definite channel, bed, or banks.

32. “Wet bottom detention basin” means a basin designed to retain a permanent pool of storm water after having provided its planned detention of runoff during a storm event.

162.04 APPLICABILITY.

This chapter applies to any new development, subject to the following conditions:

1. Detention Storage Required. The City retains the right to require detention storage in all cases in which the proposed development will generate sufficient excess runoff from the design storm to adversely affect the carrying capacity of the receiving water body or water course.

2. One CFS/Acre Runoff. New developments generating less than one cubic foot per second (CFS)/acre runoff for the design storm shall not be required to provide detention storage, unless condition in subsection 1 is applicable.

162.05 DESIGN STORM EVENT.

Storage capacity of detention facilities and discharge rates therefrom shall be such that the runoff from the “after fully developed area” shall not exceed the rate of runoff generated by the development area prior to development during the five-year frequency storm. Storage capacity/volume shall be adequate to store the excess runoff generated by the fully developed area up to and including the 100-year rainfall event.

162.06 DETENTION OF EXCESS STORM WATER RUNOFF.

The increased storm water runoff resulting from the proposed development shall be detained by the provision of appropriate dry-bottom reservoir(s); by temporary storage on flat roofs, parking lots, or streets; or by other acceptable techniques. Capacity will be sufficient to control excess flows from the design storm.

162.07 DISCHARGE RATE.

Peak discharge rates from detention storage facilities shall not exceed the maximum pre-development peak discharge rate as calculated under Section 162.06.

162.08 DISCHARGE VELOCITY.

Detention facilities shall discharge storm water at a non-erosive velocity as measured in the unprotected channel. The non-erosive velocity shall be determined through consultation of appropriate handbooks and manuals; as approved by the City. Protected channels receiving detention discharge shall incorporate features to reduce velocity to non-erosive levels at the point such discharge enters the unprotected channel.

162.09 EMERGENCY SPILLWAY.

Emergency spillways shall be provided to permit the safe passage of runoff generated from rainfall events in excess of the 100-year rainfall event. Emergency spillways shall be designed on the assumption that the pipe outlet is discharging at full capacity for the spillway elevation.

162.10 FREEBOARD.

Detention storage areas shall have adequate capacity to contain the storage volume of tributary storm water runoff with at least one foot of freeboard above the water surface during the 100-year rainfall event. Top of spillway elevations shall be one foot below the freeboard elevation.

162.11 JOINT DEVELOPMENT OF CONTROL SYSTEMS.

Storm water control systems may be planned in coordination by two or more property owners as long as the potential for damage from storm water is not increased at intervening locations.

162.12 EARLY INSTALLATION OF CONTROL SYSTEMS.

Storm water control measures shall be installed as soon as possible during the course of site development. A schedule of construction shall be submitted by the owner(s)/developer(s) prior to initiation of construction to the City.

162.13 DETENTION FACILITIES IN FLOODPLAINS.

If detention storage is provided within a floodplain, only the net increase in storage volume above that which naturally existed on the floodplain shall be credited to the development. No credit will be granted for volumes below the base flood elevation at that location unless compensatory storage is also provided.

162.14 FLOWS FROM UPLAND AREAS.

The total drainage area must be used in calculating the allowable release rate. The required storage volume will be based on the project area only, with extraneous flows from upland areas being by-passed or discharged via overflow spillways or other devices.

162.15 PRELIMINARY AND FINAL PLAT REQUIREMENTS.

Accompanying the preliminary and final plats of each proposed subdivision or any applicable construction there shall be furnished information consistent with the requirements of the City's *Design Standards for Public Improvements*. All computations, plans, and specifications related to the implementation of this chapter must be prepared and sealed by a Professional Engineer registered in the State of Iowa.

162.16 DRAINAGE AND DETENTION DESIGN STANDARDS.

All subdivisions and other proposed improvements which fall under the applicability of requirements of Section 162.04 shall be required to incorporate design features in accordance with City Standards as defined in the Unified Development Code adopted by the City. Variation from these standards will be permitted only upon submittal of a petition describing in detail the rationale for the proposed design with subsequent review by the City Engineer and approval from the Council.

162.17 ROOFTOP, PARKING LOT, AND OTHER DETENTION STORAGE.

Designs for rooftop detention storage, parking lot storage, and detention storage in underground tanks, surface swales, oversized storm sewers, or other facilities shall be submitted to the City Engineer for approval.

162.18 CERTIFICATION AND MAINTENANCE.

Detention facilities must be designed in accordance with City Standards as defined in the Unified Development Code adopted by the City. The growth of obnoxious weeds, the creation of conditions which support the growth of mosquitoes and other insects, and the decrease in available storage by accumulated sediments shall all be controlled. The cleanup of accumulated debris, flotsam, and other materials after runoff events have subsided shall be assured. Assignment of responsibility for certifying and maintaining facilities serving more than one lot or property holding will be documented and recorded by appropriate covenants to property deeds unless responsibility is formally assigned to and accepted by a public body.

1. **Certifications.** The development owner (equitable titleholder) of a privately owned detention storage facility ("Facility") must file with the City Clerk a certification signed by a licensed Iowa professional engineer ("Certification"). The Certification must certify the Facility's current storage volume and release rate, as well as the storage volume and release rate for which the Facility was initially designed. A newly constructed Facility shall be certified at the completion of the construction of that Facility. For those Facilities located on a lot for which a certificate of occupancy is issued, the construction of that Facility shall be deemed completed when the first certificate of occupancy is issued for that lot.

2. **Maintenance Responsibility.** The development owner (equitable titleholder) shall be responsible for all future grading, repairs, and maintenance to the said storm drainage and storm water facilities subject to the following conditions:

A. That said development owner (equitable titleholder) shall protect, defend and hold the City, harmless from any and all damages or claims for damages that might arise or accrue as a result of flooding, erosion from flooding, deposits of sediment in said areas.

B. The development owner (equitable titleholder) shall to not place fill material, to erect no buildings, obstructions, or other improvements on the area reserved for private storm water purposes.

C. The development owner (equitable titleholder) shall provide a re-certification by a Licensed Iowa Professional Engineer, every subsequent five years. A facility that is exclusively constructed, located and maintained on a paved surface is exempt from the re-certification requirements of this chapter. The certification shall include the following:

- (1) The storm water facility's storage volume, as approved by the City, has not decreased.
- (2) The storm water facility's release rate, as approved by the City, has not increased.

3. Corrective Measures. If deficiencies are found by the inspector, the development owner (equitable titleholder) shall be required to take the necessary measures to eliminate nuisances and correct structural deficiencies within a reasonable amount of time. If the development owner (equitable titleholder) fails to do so, the City may cause the work to be completed and shall collect the cost therefore from the development owner (equitable titleholder) taking appropriate action as necessary.

162.19 SAFETY FEATURES.

Designs of detention facilities shall incorporate safety features; particularly at inlets, outlets, on steep slopes, and at any attractive nuisances. These features shall include, but not limited to, fencing, hand rails, lighting, steps, grills, signs, and other protective or warning devices.

162.20 ADMINISTRATION.

The administration of this chapter shall be the responsibility of the Building Official and the City Engineer.

1. Creation. The City of Hiawatha Storm Water Advisory Committee is hereby created.
2. Members. The Storm Water Advisory Committee will consist of at least three members. Members shall be residents of the City of Hiawatha and shall serve without compensation. Members will be qualified by knowledge or experience to act in matters pertaining to the development of storm water policies. Members shall not hold any elected office in City government.
3. Removal of Members. Members of the Storm Water Advisory Committee may be removed by the City Council for such cause as the City Council may determine necessary.
4. Duties. The Storm Water Advisory Committee will have such duties as set forth in this chapter or as prescribed by the City Council. Specifically the duties will include:
 - A. Develop and recommend storm water policies.
 - B. Advise City Council in regards to needed storm water capital improvement projects.
 - C. Review any public input regarding storm water drainage or erosion control.
 - D. Make such reports to the City Council as may be requested from time to time.
 - E. Recommend best management practices for development of storm water management and water quality.
5. Meetings. Meetings will be scheduled quarterly. All meetings are open to the public. Meetings may be cancelled if there are no agenda items.

162.21 VARIANCES.

No variance shall be issued without the review and recommendation of the Planning and Zoning Commission and approval of the Council.

162.22 SPECIAL USE PERMIT.

No special use permit shall be issued without the prior concurrence of the City Engineer and approval by the Council.

162.23 OFFICIAL MAPS AND PROFILES.

Responsibility for all changes to official maps and profiles is conferred to the City Engineer.

162.24 INTERPRETATION.

In the interpretation and application of this chapter, the provisions expressed herein shall be held to be the minimum requirements and shall be liberally construed in favor of the City; and shall not be deemed a limitation or repeal of any other powers granted by the *Code of Iowa*.

CHAPTER 167

FILLING, GRADING, AND EROSION CONTROL CODE

167.01 Title and Authority	167.11 Grading, Erosion and Sediment Control Plan Required
167.02 Adoption and Repeals	167.12 SWPPP Requirements
167.03 Purpose and Intent	167.13 SWPPP Review and Approval Procedure
167.04 Applicability	167.14 Requirements for Sites Covered by Iowa DNR General Permit No. 2
167.05 Relationship to Other Requirements	167.15 Inspection, Notice to Comply and Notice of Violation
167.06 Severability	167.16 Powers of Authority for Inspection
167.07 Effective Date	167.17 Repair and Cleanup of Damage
167.08 Construction, Interpretation and Definitions	167.18 Enforcement
167.09 Fill Permit Required	167.19 Appeals
167.10 Filling Requirements	167.20 Fees Established

167.01 TITLE AND AUTHORITY.

This chapter shall be known as “City of Hiawatha Filling, Grading, and Erosion Control Code,” and has been referred to as the “Grading Code” when a shortened title is necessary. This chapter is adopted by authority of and for the purposes set forth in the *Code of Iowa* and shall be codified as Chapter 167 of the Code of Ordinances, City of Hiawatha, Iowa.

167.02 ADOPTION AND REPEALS.

This chapter establishes and provides for the administration, enforcement, and amendment of filling, grading, and erosion control requirements; and repeals all ordinances or resolutions in conflict therewith.

167.03 PURPOSE AND INTENT.

Soil erosion contributes to: the impairment of drainage ways; an increase in road and storm sewer maintenance costs; the destruction and obstruction to traveled roadways, creating a potential hazard for vehicular traffic; the contamination and degradation of land surfaces and streams, flooding, and dusty conditions. Requirements are established by this chapter in an effort to control erosion and sediment transport. Unless exempted in this chapter, a Grading, Erosion and Sediment Control Plan will be required prior to any proposed land-disturbing activity. This chapter also establishes requirements for grading, filling, fill material, and obtaining fill permits. These requirements include use of suitable fill material, stable slope construction, proper site drainage, and usability of public and private easements.

167.04 APPLICABILITY.

A filling, grading and erosion control permit must be in conformance with the standards, procedures, exemptions and other requirements of this chapter.

167.05 RELATIONSHIP TO OTHER REQUIREMENTS.

1. Relationship to Other Laws. Nothing in this chapter shall be construed as exempting any person from other requirements of the City of Hiawatha or State and Federal laws and regulations. To the extent the requirements of this chapter differ from other applicable City, State, or Federal requirements, the more restrictive requirements shall apply.

2. Minimum Requirements. The provisions of this chapter shall be held to be the minimum requirements for the promotion of the public health, safety, morals, comfort, convenience, prosperity, and general welfare.

167.06 SEVERABILITY.

It is the intention of the City Council that each section, paragraph, sentence, clause, and provision of this chapter is separable and if any provision is held unconstitutional or invalid for any reason, such decision shall not affect the remainder of this chapter, or any part thereof, other than that affected by such decision.

167.07 EFFECTIVE DATE.

This Grading Code shall be in full force and effect from and after its passage, approval, and publication, as provided by law.

167.08 CONSTRUCTION, INTERPRETATION AND DEFINITIONS.

Wherever used in this chapter the terms listed below will have the meanings indicated. Words using the present tense shall include the future; the singular shall include the plural; the plural shall include the singular; the masculine gender shall include the feminine; the term “shall” is always mandatory, and the term “may” is permissive.

1. “Applicant” means any individual, firm, corporation, association, or partnership, or proprietor of land to undergo land-disturbing activities.
2. “Certified professional erosion and sediment control specialist” means a specialist in the area of soil erosion and sediment control, as certified by the Soil and Water Conservation Society and the International Erosion Control Association.
3. “City” means the City of Hiawatha, Iowa.
4. “City Council” means the City Council of the City of Hiawatha, Iowa.
5. “City Engineer” means the city engineer for the City of Hiawatha, Iowa.
6. “Civil Engineer” means a professional engineer licensed in the State of Iowa to practice civil engineering.
7. “Clearing and grubbing” means removal of unwanted growth, in the form of trees, wood, shrubs, brush, or stumps on a site.
8. “Design professional” means a licensed civil engineer, registered landscape architect, or certified professional erosion and sediment control specialist.
9. "Design Standards Manual" means the Engineering Standards adopted by Resolution of the Hiawatha City Council in accordance with Hiawatha Code Section 165.58.

(Ord. 924 - Feb. 19 Supp.)

10. “Development” means the alteration of land from its existing state.
11. “Disturbed area” means the part of a site on which land-disturbing activities take place. All land area that is to be disturbed at any time during the project is to be counted in determining the disturbed area, even if part of the land will be stabilized before another part is disturbed.
12. “Erosion” means the wearing away of the land surface by running water, wind, ice, gravity, or other geological, natural, or manmade agents.
13. “Erosion Control Officer” means the City Engineer, Community Development Director, or designee.
14. “Erosion control permit” means a major erosion control permit or a minor erosion control permit.
15. “Filling” means placing materials to effectively change the site contours. This includes placing materials from the site itself, or from off site.
16. “Fill material” means soil, stone, rock, brick, Portland cement, or asphaltic concrete, or sand.
17. “Fill permit” means a permit issued by the City of Hiawatha to engage in filling on a site.
18. “Fill site” means land upon which fill materials are placed and which placement does not require a sanitary disposal permit issued by the State of Iowa.
19. “Final stabilization” means all land-disturbing activities at the site have been completed and that a uniform perennial vegetative cover with a density of 70 percent for the area has been established or equivalent stabilization measures have been employed.
20. “Grading, Erosion and Sediment Control Plan” means a plan for property upon which land disturbing activities are proposed. The Plan will indicate materials, construction phasing, grading and drainage, and erosion and sediment control best management practices according to the *Design Standards Manual*.

21. "General Permit No. 2" means a General Permit No. 2, Storm Water Discharge Associated with Industrial Activity for Construction Activities, as authored and administered by the Iowa DNR.
22. "Iowa DNR" means the Iowa Department of Natural Resources.
23. "Land-disturbing activity" means clearing, grading, excavating, filling, or other construction activities on a site.
24. "Landscape architect" means a professional landscape architect, registered in the State of Iowa to practice landscape architecture.
25. "Major erosion control permit" means a permit issued by the City of Hiawatha to engage in land-disturbing activities on a site with one acre or greater disturbed area.
26. "Minor erosion control permit" means a permit issued by the City of Hiawatha to engage in land-disturbing activities on a site of greater than 6,000 square feet and less than one acre disturbed area.
27. "Responsible party" means one or more persons who have applied for or hold a city erosion control permit or who own, control, or perform work on a site.
28. "Sediment" means solid material, both natural and manmade, that is in suspension, has been transported, or has been moved from its origin by air, water, gravity, or ice and has been deposited by the action of water or wind.
29. "Site" means property where land-disturbing activities take place.
30. "Standard Specifications" means the Engineering Standards adopted by Resolution of the Hiawatha City Council in accordance with Hiawatha Code Section 165.58.

(Ord. 924 - Feb. 19 Supp.)

31. "Stabilization" or "stabilized" means vegetative cover with a density of 70 percent has been established or equivalent stabilization measures have been employed.
32. "Storm water drainage system" means all manmade facilities and structures and all natural watercourses that are owned by the City or that are within a drainage easement owned by the City and that are used for collection, storage, treatment, and conveyance of storm water from any area through any area. This includes, without limitation, all storm water facilities, canals, creeks, curb and gutter, dams, ditches, floodwalls, flumes, gulches, gullies, levees, ravines, siphons, streams, streets, and swales.
33. "Storm water facilities" means anything built or used for the control of storm water, including (without limitation) catch basins, channels, culverts, detention basins, energy dissipation structures, inlets, manholes, outlets, pipes and other conduits, retention basins, and roadways and gutters.
34. "Storm Water Pollution Prevention Plan" means a document conforming to the requirements therefore contained in General Permit No. 2 and this chapter, prepared and certified by a design professional, as defined herein.
35. "SWPPP" means the Storm Water Pollution Prevention Plan.

167.09 FILL PERMIT REQUIRED.

1. Except as provided in subsection 6 of this section, no person shall fill upon any site without obtaining a valid fill permit.
2. All fill permits shall be issued by the City of Hiawatha Building Official upon approval of a completed application for a fill permit on a form provided by the City. The application shall be signed by the title holders of all sites to be filled, together with the applicant, if different from the title holders. The application fee for fill permits and renewals shall be established by resolution of the City Council.
3. A fill permit application shall include the following:
 - A. A completed application for fill permit on a form provided by the City Building Department.
 - B. A dimensioned drawing including the following:
 - (1) Property address or legal description.

- (2) Property lines and any existing easements of record.
- (3) Limits of fill area.
- (4) Existing and proposed ground elevations.
- (5) Other information as required by the City Building Official or City Engineer.

C. The application shall include a Grading, Erosion and Sediment Control Plan as set forth in Section 167.11 of this chapter.

4. Fill permits shall be valid for a period of one year from the date of issuance and may be renewed as provided for herein. A renewal application must include those items required in subsection 3 of this section, and the following:

- A. Payment of the Renewal Fee.
- B. Current dimensioned drawing of the original plan as modified.

5. The Building Department may revoke a fill permit or decline renewal if unacceptable materials are being deposited at the site, or if the permittee has failed to comply with any of the regulations set forth in this chapter, or any requirement of law, statute or regulation.

6. The following activities are exempt from the requirements of this chapter:

- A. Corp production activities.
- B. Cemetery graves.
- C. Emergencies posing an immediate danger to life or property, or substantial flood or fire hazards.
- D. Total fill quantity of less than 25 cubic yards in a 12-month time period.
- E. Disturbed area of less than $\frac{1}{4}$ acre.
- F. Public improvements work within public right-of-way and easements.

167.10 FILLING REQUIREMENTS.

1. Clearing and grubbing shall be performed according to Part 3 of Section 01400 of the *Standard Specifications*, except as provided in this chapter.

2. Fill material shall be placed according to the Grading, Erosion and Sediment Control Plan as accepted by the City.

3. Interim filling during construction shall be placed in a safe manner. Soil stabilization, inspection and maintenance of erosion control, and soil stabilization where work has been suspended shall be according to the *Design Standards Manual*.

4. Finish grading shall be according to Part 2 and Part 3 of Section 02900 of the *Standard Specifications*.

5. Finish slopes shall not exceed a 3:1 ratio on any slope facing and terminating within 15 feet of a property line.

6. Unacceptable Fill Materials.

A. Fill materials shall not include hazardous waste, synthetic material, metal, and organic material other than natural topsoil incidental to excavation except as noted below. Concrete, brick, tile, and other manufactured inert material shall not be greater than 18 inches in its greatest dimension. Asphalt paving material shall not be used for bank stabilization or where the final location will be below the known water table.

B. Trees may be buried within the site they originate from, provided they are not buried within structural footprints or in earthwork providing structural support, such as for building foundations and roadways. Trees shall not be placed in the trench backfill for sewers, culverts, and other underground utilities. Trees shall not be imported onsite from offsite for use as fill.

167.11 GRADING, EROSION AND SEDIMENT CONTROL PLAN REQUIRED.

1. No person shall engage in land-disturbing activities within the City unless a Grading, Erosion and Sediment Control Plan has been approved by the Erosion Control Officer and permit issued.

2. All erosion control measures must be in place before any additional work is started.

3. Sites with land disturbance shall fall into one of two categories as listed below:

A. Major Erosion Control Permit Is Required.

(1) Sites or common plans of development or sale that will result in a total disturbed area of one or more acres shall obtain a major erosion control permit prior to any land-disturbing activities.

(2) All major erosion control permits shall be issued by the City upon approval of a completed application for erosion control permit on a form provided by the City. The application shall be signed by the title holder of the site, together with the applicant, if different from the title holder.

(3) Sites required to obtain an erosion control permit shall comply with Section 167.14 (Requirements for Sites Covered by the Iowa DNR General Permit No. 2) herein.

(4) A major erosion control permit application shall include the following:

a. A completed application for erosion control permit on a form provided by the City.

b. A SWPPP conforming to the requirements of this chapter and the requirements of General Permit No. 2. If a SWPPP for the site has previously been submitted to the City and has not been modified, the applicant shall submit a signed and dated statement that the SWPPP has not been modified, in which case the SWPPP need not be resubmitted.

c. Payment of the permit fee.

(5) The permittee shall provide the erosion control officer with all materials submitted as part of a notice of discontinuation when such a notice is filed with the Iowa DNR.

B. Minor Erosion Control Permit Is Required. Sites or common plans of development or sale that will result in a disturbed area of greater than 6,000 square feet but less than one acre shall obtain a minor erosion control permit prior to any land-disturbing activity, except:

(1) Filling or construction within floodplain limits, as established by the Federal Emergency Management Agency and in the Hiawatha Unified Development Code (Chapter 165 of this Code of Ordinances), will require a separate additional permit under that chapter, in addition to the permits required by this chapter.

(2) For work that is specifically covered by a City demolition permit, building permit, NPDES permit or approved plan of improvements containing a SWPPP, a minor erosion control permit is not required. However, site filling and grading done pursuant to these approved permits and plans shall meet the requirements of this chapter.

4. All Grading, Erosion and Sediment Control Plans must be reviewed and approved by the Erosion Control Officer prior to the issuing of permit and commencement of land-disturbing activities.

5. All Grading, Erosion and Sediment Control Plans shall include a drainage plan prepared according to the *Design Standards Manual*. The drainage plan shall be accompanied by a drainage report prepared according to the *City Engineering Department Drainage Report Process Handbook*. This Handbook is available in the City Engineering Department. The drainage report shall, at a minimum, demonstrate the design of proposed grading, erosion, and sediment control, if constructed per plan, is not expected to adversely impact adjacent properties.

167.12 SWPPP REQUIREMENTS.

Every SWPPP submitted to the City in support of an application for a major or minor erosion control permit:

1. Shall contain complete 24-hour contact information for the site owner and the person in responsible charge of providing and maintaining sedimentation and erosion control for the site. The permittee shall inform the Erosion Control Officer within 7 calendar days of any change in this contact information.

2. Shall comply with all current minimum mandatory requirements for SWPPPs promulgated by the Iowa DNR in connection with General Permit No. 2, including those published as Summary Guidance for General Permit No. 2 by the Iowa DNR.

The Erosion Control Officer may develop policies modifying these requirements for sites with a disturbed area less than one acre.

3. Shall comply with all other applicable State or Federal permit requirements in existence at the time of application.

4. Shall include a drainage plan prepared according to the *Design Standards Manual*. The drainage plan shall be accompanied by a drainage report. The drainage report shall, at a minimum, demonstrate the design of proposed grading, erosion, and sediment control, if constructed per plan, is not expected to adversely impact adjacent properties.

5. Shall be prepared by a design professional, as defined herein; and

6. Shall include within the SWPPP a signed and dated certification by the person preparing the SWPPP that the SWPPP complies with all requirements of this section.

The SWPPP shall be modified by a design professional (as defined herein) as required in General Permit No. 2. Any modification of a SWPPP shall meet the requirements above.

167.13 SWPPP REVIEW AND APPROVAL PROCEDURE.

The applicant shall submit a SWPPP for the site, meeting the requirements established in the *Design Standards Manual*, to the Erosion Control Officer for review and approval, as follows:

1. The City Engineer shall review the submittal for compliance with the requirements of a SWPPP as set forth in the *Design Standards Manual*. Following the review, the Erosion Control Officer may return comments to the design professional.

2. Following receipt of comments from the Erosion Control Officer, the applicant shall provide a revised submittal in accordance with any requested revisions.

3. The City Engineer or Building Official may require supporting documentation as needed to demonstrate conformance with these requirements. Issuance of an erosion control permit may be delayed pending receipt of the documentation.

4. If the submittal is complete, and meets the requirements as set forth herein, the Erosion Control Officer will issue required permits.

167.14 REQUIREMENTS FOR SITES COVERED BY IOWA DNR GENERAL PERMIT NO. 2.

1. The City shall not allow any land-disturbing activity on a site for which coverage under General Permit No. 2 is required, nor shall the City issue any permit, authorization, or license allowing such activity, until the site owner has obtained coverage for the site under General Permit No. 2 from the Iowa DNR.

2. Any responsible party who is required to obtain – or has obtained – coverage under General Permit No. 2 shall comply with all the requirements of General Permit No. 2. Failure to do so is a violation of this section.

3. For sites covered under General Permit No. 2 where the ownership changes, the Enforcement Officer must be notified of the title transfer within 30 days, except in the case of single-lot sales, which shall be recorded on the SWPPP.

The new owner shall be subject to all terms and conditions of the erosion control permit. A copy of the notice of transfer that was sent to the Enforcement Officer shall be included in the SWPPP.

For sites that are part of a larger common plan of development, such as a housing or commercial development project, if a permittee transfers ownership of all or any part of property subject to an erosion control permit, both the permittee and transferee shall be responsible for compliance with the provisions of General Permit No. 2 and the erosion control permit for that portion of the project which has been transferred, including when the transferred property is less than one acre in area. If the new owner agrees in writing to be solely responsible for compliance with the provisions of General Permit No. 2 and the erosion control permit for the property which has been transferred, then the existing permittee shall be relieved of responsibility for compliance with General Permit No. 2 and the erosion control permit for the transferred property, from and after the date the transfer of responsibility is attached to the SWPPP.

167.15 INSPECTION, NOTICE TO COMPLY AND NOTICE OF VIOLATION.

1. The Erosion Control Officer may inspect the site in response to reports from third parties or at other times, at the Erosion Control Officer's discretion.

2. The Erosion Control Officer may issue a notice to comply to the responsible party or parties, describing any problems and specifying a date and time by which compliance must be achieved.

A. The Erosion Control Officer may modify a notice to comply and may authorize, in writing, an extension to the specified date and time by which compliance must be achieved.

B. Failure to achieve compliance by the specified date and time is a violation of this section.

3. The Erosion Control Officer shall, upon determination of any violation of this section, issue a notice of violation in writing to the responsible party or parties, indicating the nature of the violation and ordering the action necessary to correct it.

A. The notice of violation may:

(1) Order the discontinuance of any illegal work, specifying a date and time for such discontinuance;

(2) Require the repair and cleanup of any damage done due to failure to comply with General Permit No. 2, specifying a date and time for completion of repair and cleanup;

(3) Order the withholding of any building or occupancy permits for the site; and

(4) Order the discontinuance of any or all work at the site, including at the Erosion Control Officer's discretion work not directly related to the cause and prevention of erosion and sedimentation, except work necessary to achieve compliance and to repair and clean up damage, specifying a date and time for such discontinuance to commence and conditions for such discontinuance to cease.

B. Failure to comply with any order in a notice of violation is an additional violation. Each day of such failure constitutes a separate violation.

C. The Erosion Control Officer may modify a notice of violation and may authorize, in writing, an extension to the specified dates and times therein.

D. The notice of violation shall, where necessary or appropriate, recommend to the City Attorney the institution of legal or equitable actions that may be required for the enforcement of this section.

4. Communication to a responsible party's employee, partner, attorney, agent, contractor, or subcontractor shall be regarded as communication to the responsible party for the purpose of this section.

5. Communication to one responsible party shall be regarded as communication to each responsible party for the purpose of this section.

167.16 POWERS OF AUTHORITY FOR INSPECTION.

1. Right of Entry. The City Engineer or Building Official and authorized employees of the City bearing proper credentials and identification shall be permitted to enter all properties for the purposes of inspection, observation, measurement, sampling, and testing in accordance with the provisions of this chapter. The applicant, owner, or titleholder shall be deemed to have consented to such entry by submission of an application for any permit or plan contemplated in this chapter. Barring or delaying such inspection is a violation of this section.

2. Access to Records. The Erosion Control Officer shall have access to and be able to copy any records that must be kept under the conditions of General Permit No. 2 within 3 business hours, where a business hour is any hour between 8:00 a.m. and 3:30 p.m. on a non-holiday weekday.

167.17 REPAIR AND CLEANUP OF DAMAGE.

1. For any site, whether or not covered by an erosion control permit or other storm water discharge permit, the City may clean up eroded sediment or tracked soil deposited on public property if:

A. Corrective action has not been completed within 24 hours or within an extended deadline granted in writing by the City; or



Storm Water Advisory Committee

May 11, 2021

AGENDA

Present: Committee members Ethan Ronnebaum, Jamie Fiedler, Kevin Neuenschwander

Staff: Jon Fitch, Kim Downs, Patrick Parsley

Mr. Fitch opened the meeting and noted there is only one agenda item;

Review and make a recommendation to council on the new Storm Water Utility rate structure.

Mr. Fitch proceeded with the presentation

1. Explained the need for the level of funding proposed.
 - a. Cost of storm sewer construction now exceeds \$100,000 per block.
 - b. The CIP projects for the next five years exceed \$300,00 per year and include
 - i. Waterway restoration
 - ii. Storm sewer projects
 - iii. Upgrade installations on existing streets
 - iv. Leaf vacuum and system maintenance programs
 - c. Maintain MS4 permit
 - d. Operate and Maintain Storm Conveyance System
2. Explained the need to finance as an enterprise fund similar to water and sewer utilities. User fees are more transparent and accountable than general fund tax dollars. The enterprise fund must be self-sustaining which it is not today.
3. Explained the rate structure for commercial and residential users in relation to the load placed on the storm water system by each use. The structure contains three payment levels:
 - a. Single family residential: provides the basis for non-pervious averaging
 - b. Commercial facilities-includes multi-family buildings-rental and owner occupied: rate is based on the non-pervious area for the property.
 - c. Mobile Home Parks: Currently being billed by two different methods creating disparity. The plan is to bill each "home" as a small residential use at a rate less than a normal single-family dwelling.
4. Explained the levels of fees on the graduating scales over a five-year period to reach the budget goals.

The committee responded favorably to the overall plan and recommends Council take the appropriate action. They commented specifically on the need to correct the mobile home fee component. The proposed change for mobile homes fees was further discussed and the committee agreed that all mobile home parks need to be treated the same and the individual fee for each mobile home must be less than for a single-family resident. The reason for the lower fee is the lot size in comparison to a standard home.

Existing Fee Structure: Residential - \$3.75/meter; Commercial - \$6.50/meter



Proposed Fee Structure:	<u>FY22</u>	<u>FY23</u>	<u>FY24</u>	<u>FY25</u>	<u>FY26</u>
Residential	\$4.25	\$4.50	\$4.75	\$5.00	\$5.25
Commercial – base rate of residential home plus increment rate per 10,000 sf of impervious area	\$5.50	\$6.00	\$6.50	\$7.00	\$8.00
Mobile Home Units	\$3.75	\$3.85	\$3.95	\$4.05	\$4.15

The committee also recommended public testimony would be a valuable selling point when solicited from citizens who have benefitted from our recent storm water projects. The committee asked to be kept informed of the progress of this proposal in case they are asked questions in the future.

The meeting was closes at 6:00 PM:

Respectfully: Patrick Parsley CDD

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	TOTAL BUDGET	MTD BALANCE	YTD BALANCE	PERCENT EXPENDED
740-865-6010	SALARIES--STORM SEWER	63,911.00	4,829.78	61,409.77	96.09
740-865-6110	FICA/MEDICARE	4,889.00	365.56	4,646.18	95.03
740-865-6130	IPERS	6,033.00	455.91	5,795.88	96.07
740-865-6151	HEALTH INS & DEDUCTIBLE	.00	.00	.00	.00
740-865-6160	WORK COMP INSURANCE	500.00	.00	361.51	72.30
740-865-6210	DUES/MEMBERSHIP/SUBSCRIPT	3,500.00	.00	3,470.00	99.14
740-865-6230	EDUCATION & TRAINING	3,500.00	.00	.00	.00
740-865-6331	VEHICLE MAINTENANCE SUPPL	3,000.00	.00	5,336.99	177.90
740-865-6332	VEHICLE/EQUIP REPAIR & MA	.00	.00	.00	.00
740-865-6407	ENGINEERING	.00	.00	.00	.00
740-865-6498	STREET SWEEPING	.00	.00	.00	.00
740-865-6499	MISC CONTRACTUAL	2,000.00	.00	3,100.00	155.00
740-865-6504	MINOR EQUIPMENT	7,500.00	.00	6,623.93	88.32
740-865-6507	OPERATING SUPPLIES & MISC	5,000.00	468.31	7,112.91	142.26
740-865-6511	VEHICLE OPERATING SUPPLY	2,000.00	228.81	1,669.28	83.46
740-865-6615	HAWKEYE DR	41,000.00	.00	34,640.92	84.49
740-865-6674	EPA STORM WATER PLAN	5,000.00	.00	3,031.00	60.62
740-865-6717	KAINZ DR	.00	.00	.00	.00
740-865-6727	CAPITAL EQUIPMENT	.00	.00	.00	.00
740-865-6754	COLD STORAGE FACILITY	90,000.00	6,872.90	14,454.32	16.06
740-865-6765	VARIOUS DRAINAGE PROJECTS	60,000.00	.00	.00	.00
740-865-6766	DRAINAGE STUDY	100,000.00	.00	88,985.00	88.99
740-865-6767	STREAMBANK MAINTENANCE	25,000.00	.00	.00	.00
	STORM SEWER TOTAL	422,833.00	13,221.27	240,637.69	56.91
740-910-6910	TRANSFER OUT--EQUIP RESER	22,000.00	.00	22,000.00	100.00
	TRANSFERS TOTAL	22,000.00	.00	22,000.00	100.00
	STORM SEWER TOTAL	444,833.00	13,221.27	262,637.69	59.04
	TOTAL OF ALL EXPENSES	444,833.00	13,221.27	262,637.69	59.04

REVENUE & EXPENSE REPORT
CALENDAR 6/2023, FISCAL 12/2023

PCT OF FISCAL YTD 100.0%

ACCOUNT NUMBER	ACCOUNT TITLE	TOTAL BUDGET	MTD BALANCE	YTD BALANCE	PERCENT EXPENDED
740-865-4500	STORM WATER UTILITY FEES	252,000.00	24,196.26	293,400.15	116.43
740-865-4506	GIS FEES	7,000.00	.00	4,307.00	61.53
740-865-4710	REIMBURSEMENT	.00	.00	.00	.00
	STORM SEWER TOTAL	-----	-----	-----	-----
		259,000.00	24,196.26	297,707.15	114.94
740-950-4300	INTEREST--STORM SEWER	.00	.00	129.13	.00
	NON-PROGRAM TOTAL	-----	-----	-----	-----
		.00	.00	129.13	.00
	STORM SEWER TOTAL	=====	=====	=====	=====
		259,000.00	24,196.26	297,836.28	114.99
		=====	=====	=====	=====
		*****	*****	*****	*****
	TOTAL OF ALL REVENUES	259,000.00	24,196.26	297,836.28	114.99
		*****	*****	*****	*****



March 21, 2023

1200 PROPERTIES LLC
1190 BOYSON RD
HIAWATHA, IA 52233

Re: Storm Water Detention Facility at 1190 BOYSON Road

Dear 1200 PROPERTIES LLC

Our records indicate the certification of the storm water detention facility at 1190 BOYSON Road constructed during the development and platting of the property has expired. All owners of a privately owned detention storage facility must file a recertification certificate with the City every **five (5)** years. This requirement is outlined in Chapter 162 of the Hiawatha Code of Ordinances to meet the guidelines of the Cities' Municipal Separate Storm Sewer System (MS4) management permit with the Department of Natural Resources.

A recertification certificate must be submitted to the City of Hiawatha within thirty days of this notice. This certificate must be signed by a licensed professional engineer in the State of Iowa. In order to maintain the proper operation of these important facilities, the City of Hiawatha would appreciate your cooperation in this matter.

Again it should be noted that the City of Hiawatha Storm Water Ordinance No. 162 paragraph 162.19 states the following:

C. The development owner (equitable titleholder) shall provide a re-certification by a Licensed Iowa Professional Engineer every subsequent five years. A Facility that is exclusively constructed, located and maintained on a paved surface is exempt from the Re-Certification requirements of this chapter. The certification shall include the following:

- (1) The storm water facility's storage volume, as approved by the City, has not decreased.*
- (2) The storm water facility's release rate, as approved by the City, has not increased.*

3. Corrective Measures. If deficiencies are found by the inspector, the development owner (equitable titleholder) shall be required to take the necessary measures to eliminate nuisances and correct structural deficiencies within a reasonable amount of time. If the development owner (equitable titleholder) fails to do so, the City may cause the work to be completed and shall collect the cost therefore from the development owner (equitable titleholder) taking appropriate action as necessary.

For more information, the entire Chapter 162 can be found on www.hiawatha-iowa.com under tabs community development/storm water management/ordinance regarding storm water runoff.

Please send the recertification certificate to:

City Engineer
City of Hiawatha
Hiawatha IA 52233

If you have submitted the recertification within the last five (5) years, please send a copy of the recertification to update our records.

If you have any questions, please contact this office at 319-393-1515.

Sincerely,

A handwritten signature in black ink, appearing to read "Patrick Parsley".

Patrick Parsley
Community Development Director



4001 River Ridge Drive NE
Cedar Rapids, IA 52402
Office: (319) 377-4629
Fax: (319) 377-8498

September 19, 2022

City Engineer
City of Hiawatha
101 Emmons Street
Hiawatha, Iowa 52233

RE: Re-certification of the Storm Water Detention Facility at 1450 N. Center Point Rd. (Hunter Companies), Hiawatha, IA

Dear City Engineer:

A site review of the existing storm water detention basin at the above referenced location was performed on September 13, 2022.


Based on our observations and comparison against the approved plan of improvements, we determined:

- 1. The storm water facility's storage volume, as approved by the City, has not decreased.
- 2. The storm water facility's release rate, as approved by the City, has not increased.

Yours very truly,

Jayne C. DeCoste, P.E.
Anderson-Bogert Engineers & Surveyors, Inc.

Cc: Sheila Wubbens, Hunter Companies

	<p>I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.</p> <p><i>Jayne C. DeCoste</i></p> <p style="text-align: right;">9.19.22</p> <hr/> <p>Jayne C. DeCoste, P.E. Date</p> <p>My license renewal date is December 31, 2022</p>
---	---

May 19, 2023

Attn: City Engineer
City of Hiawatha
101 Emmons Street
Hiawatha, IA 52233

RE: Storm Water Detention Facility at 955 Kacena Road, Hiawatha, Iowa 52233

We completed a field verification of the detention basin located at the southeast corner of the above referenced property on May 19, 2023. Following are several pictures showing the basin, outlet structure and storm sewers discharging into the basin, all taken during the May 19th site visit.



Photo #1: View of the detention basin standing at the northwest corner and looking south. The forebay for the storm sewer discharging into the basin that is shown in Photo #2 is in the foreground of this picture.



Photo #2: View of the storm sewer pipe discharging into the northwest corner of the detention basin.



Photo #3: View of the storm sewer pipes discharging into the east side of the basin. The outlet with new rip-rap was recently installed with the parking lot addition for the subject property. The section of the bank that was disturbed for the storm sewer installation is nicely vegetated and restored. The filter socks installed served their purpose and are suitably degrading and becoming part of the landscape.



Photo #4: Sinkhole at southeast corner of basin. Appears to be caused by a joint separation in a storm sewer pipe meant to discharge into the basin. This is on the neighboring property at 1420 Stamy Road.



Photo #5: View of the detention basin's outlet taken standing on the east bank looking west.



Photo #6: View of the detention basin standing at the southeast corner and looking north.



Photo #7: View of the storm sewer pipe discharging into the southwest corner of the detention basin.



Photo #8: View of the detention basin's outlet, which is a 54" diameter concrete storm sewer pipe with a flared end section and an approximate 24" high concrete weir across the end of the flared end section.



Photo #9: View of one of the many clams that live in the detention basin. I have never observed clams present in a detention basin before, and this basin boasts a very large and thriving population. I believe the strong clam population contributes to the extremely high water quality observed by filtering the ponded water.



Photo #10: View along the basin's west bank, north of outlet, showing bank line erosion and sloughing.



Photo #11: View along the basin's east bank, showing bank line erosion.

In general, the detention basin is functioning extremely well, as can be observed by the maintained state of the banks and the very clear & clean water quality. Obviously the basin remains in compliance with City storm water ordinance requirements. The basin's storage volume has not decreased, and its release rate has not increased, from what was originally approved by the City.

During our site visit we noted the following potential maintenance items that the property owner should be aware of and budget for. The location of these maintenance items is graphically depicted on the attached "Exhibit A".

1. There is a sinkhole at the southeast corner of the detention basin that appears to have formed by joint separation in a storm sewer pipe at that location. This should be investigated further as it appears that the storm sewer outlet is plugged, and storm sewer is bypassing the outlet through the separated joint. If confirmed, the storm sewer outlet should be unplugged, the pipe joint repaired, the sinkhole backfilled, and the disturbed area seeded. This does not appear to be negatively affecting the basin yet, but the sinkhole is preventing mowing in this area and is a tripping hazard. Eventually volunteer trees will become established in the sinkhole area because of this. Also, the plugged storm sewer is likely affecting upstream performance of the drainage system. This maintenance item is actually on the adjoining property of 1420 Stamy Road.
2. There are some volunteer trees growing along the eastern embankment. They are relatively small at this point and do not negatively impact the detention basin. However, they should be removed before they get larger and become a problem. I am most concerned about the volunteer trees growing above and around the basin outlet. Tree roots can actually damage outlet pipes by separating joints and causing loss of backfill. The trees above the outlet appear to have taken root because a short fence prevents mowing and easy maintenance. When the volunteer trees are removed the property owner may want to install a 48" chain link fence at the top of the very steep section of embankment to replace the substandard fence in place.

3. There is some bank line erosion and sloughing occurring on the approximate north half of the basin. This is not yet seriously impacting the basin, but the loss of slope is going to become concerning along the bank line adjacent to the Stamy Road embankment where it is more severe. The property owner may want to budget for some bank work in the next 5 to 10 years to repair slope damage and provide some erosion control. This may be a good application for a product like Flexamat.
4. The wood retaining walls at the detention basin outlet are starting to deteriorate, but are not currently a major concern. The property owner should budget for wall repair or replacement in the next 5-10 years.

Based on the observations from our field visit to the site and familiarity with the area, I hereby certify that the storage volume has not decreased and the release rate has not increased from what was approved by the City for the above referenced detention basin. I trust this certification will satisfy your requirements. As always, please call me if you need any further information.

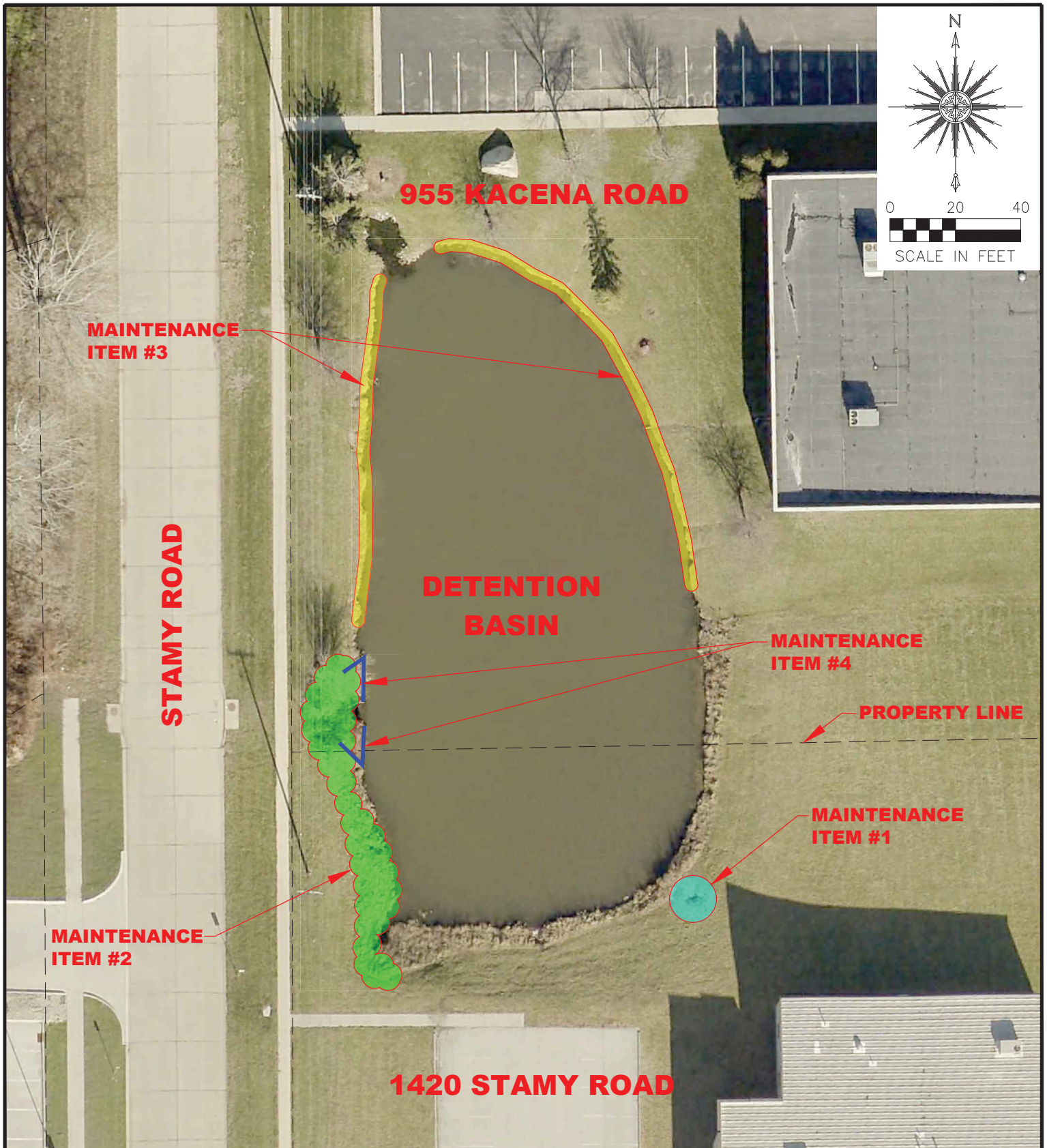
I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Executed at Cedar Rapids, Iowa, this 19th day of May, 2023.



Tred Schnoor, PE No. 16326
My license renewal date is December 31, 2023

Copy: Jeff Driscoll, Balance Group (via email jeffd@balancegroup.net)



1 OF 1

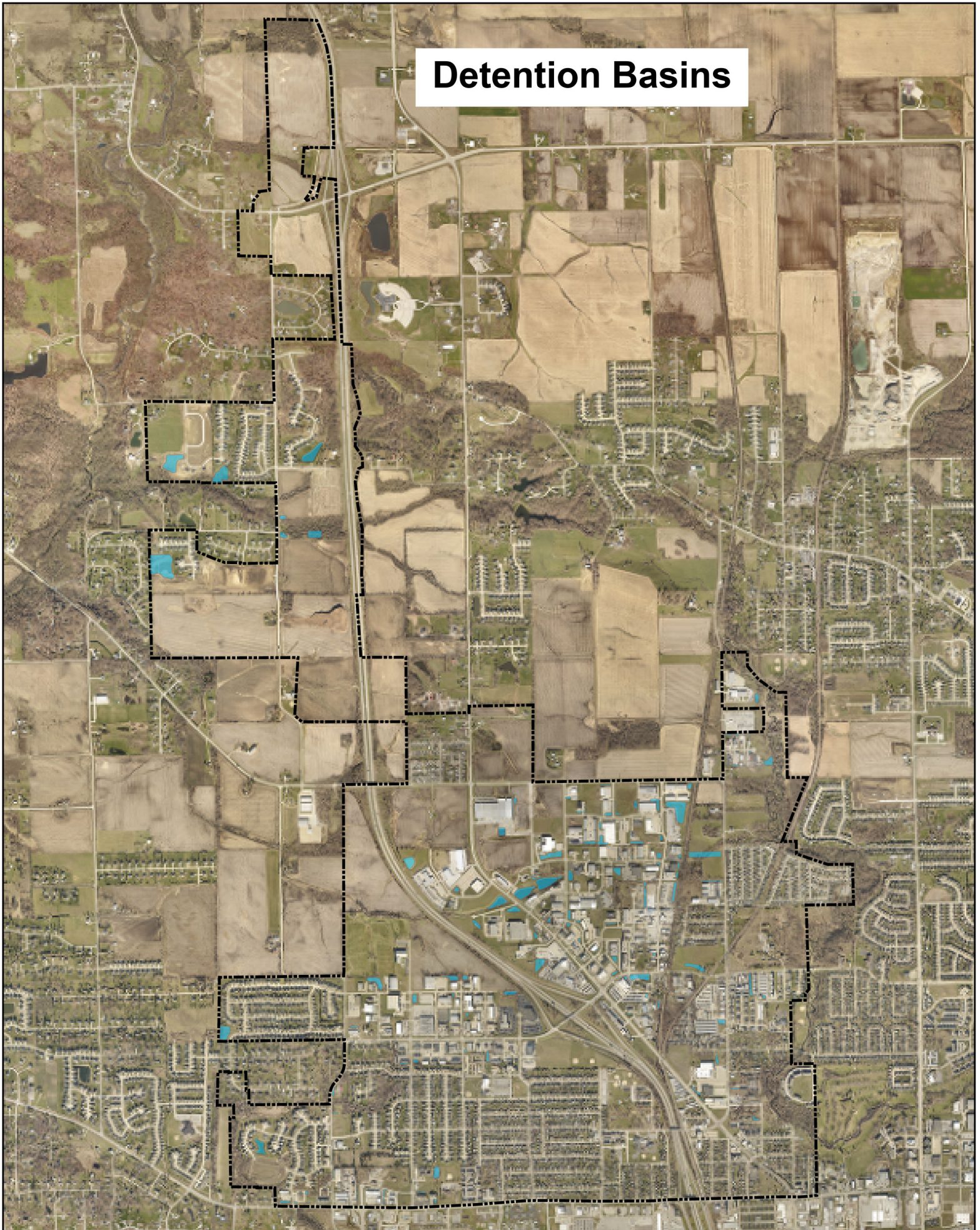
**EXHIBIT A
DETENTION BASIN
MAINTENANCE ITEMS
955 KACENA ROAD
HIAWATHA, IA 52233**

DRAWN: TRED S.
 APPROVED: TRED S.
 ISSUED FOR:
 DATE: 05/19/2023
 PROJECT NO.: 23040

SCHNOOR-BONIFAZI
 ENGINEERING & SURVEYING, LC
 431 FIFTH AVENUE SW
 CEDAR RAPIDS, IA 52404
 (319) 298-8888 (PHONE)



Detention Basins





SPRING HAS SPRUNG IN HIAWATHA

April showers bring May flowers and, most importantly, your opportunity to reduce, reuse and recycle, for free at Hiawatha's annual cleanup events.

April 22nd - Earth Day Cleanup

This drive-through event allows residents to properly dispose of unwanted items. Reduce your carbon footprint by recycling your working and non-working electronics with Midwest Electronic Recovery. Help a child read, an adult succeed in their job, or even help a senior gain independence by donating eyeglasses, hearing aids and cellphones to the Hiawatha Lions Club. Is your medicine cabinet full of expired medications? Drop them off at Earth Day thanks to Blairs Ferry Family Pharmacy. Did you know that flying or displaying a flag that is damaged or torn is considered a sign of disrespect? Bring your unserviceable flags to be properly disposed of by Hiawatha Legion Post #735. Clean out your cupboards and bring your non-perishables to be donated to HACAP Food Reservoir. For a complete list of event details, see the insert included in this newsletter.

April 24th - Leaves, brush and yard waste collection

Leaves and yard waste must be put in paper bags and placed curbside by 7:00 AM on Monday, April 24. Crews will not collect brush or branches larger than 12" in diameter and will not collect tree demolition. All other branches should be spread along the curb to facilitate easier pickup. Do not stack them.

May 6th - Hiawatha Garage Sales

Declutter your home and increase your savings by hosting a garage sale during the city-wide sales weekend. Signing up is easy and free at <https://Hiawatha.ActivityReg.com>

May 8th - Amnesty Day

This is a one-time curbside collection that provides residents a convenient way to dispose of items including furniture, mattresses, doors, beds, chairs, tires, toilets, appliances and more. For a complete list, see the insert included in this newsletter.



Easter EGG HUNT

**SATURDAY, APRIL 8TH
9:00 AM SHARP!**

Guthridge Park

5,000 EGGS SPREAD THROUGHOUT THE PARK!
PHOTOS WITH THE HIAWATHA EASTER BUNNY!
NEW THIS YEAR! ALLERGY FRIENDLY EGG HUNT!



THE SCOOP ON DOG POOP

Not the most glamorous subject to think about, however, when it comes to protecting the water quality of our streams and lakes it's worthy of discussion. So what's the harm in a little poop left behind every once in a while? It turns out it's a bigger problem than most people think. In a recent water quality study in the Indian Creek Watershed in Linn County, it didn't matter if it was a small storm, a large storm or a few days of constant showers there was evidence of fecal pollution in water samples collected from local streams. Concentrations of these bacteria were found in quantities that are deemed unsafe for human contact.

Teeming with disease, fecal coliform bacteria and, more specifically, *Escherichia coli* or *E. coli* is the "canary in the coal mine" so to speak when it comes to water pollution. What should be more concerning than *E. coli* is the fact that dog poop also contains a host of other parasites, viruses, worms and worm eggs that can cause illness, especially in children. In addition to polluting water, these bacteria and viruses can linger in the soil long after the poop is gone, which can easily be transmitted to other dogs or even people.

Safety in numbers. The Iowa Department of Natural Resources has two standards for *E. coli* bacteria present in our water resources; one for children playing and another for recreational boating. The state regulatory standard for primary contact (child's recreation use, i.e. wading in streams) is 235 CFU/100 mL. The secondary recreational contact (boating) is 2,880 CFU/100 mL. Anything above these recommendations is dangerous to the health of those playing and recreating in the water.

Monitoring has helped identify and eliminate some sources of pollution. Only 2 out of 11 samples taken over the summer from the Indian Creek Watershed were within the safe range, which means there may be quite a bit of poop not being scooped.

Dispose of properly. Please do the right thing and scoop the poop. Once scooped, there are three preferred methods for final disposal. Throw it in the trash, flush it down the toilet or bury it. All three protect our streams and lakes from fecal pollution.



Want an off-leash place to take your dog? Visit the Dave Wright Family Dog Park located right off the Cedar Valley trail head in Hiawatha! The Dave Wright Family Dog Park is a 2-acre park that came together thanks to agreements between the City, Linn County and Dave Wright Auto Group. The collaborative efforts have created a dog park unlike any other in the area! We are excited to provide your K-9 companions a place they can exercise, play and enjoy the outdoors.

Dog Park Rules:

- Use of the Dog Park is at the owner/handler's own risk. Users agree to hold the City of Hiawatha harmless for any injury or damages.
- Hours are sunrise to sunset.
- Puppies younger than 16 weeks old are not allowed.
- Dogs with known histories of aggression, fighting or biting are not allowed. Any dog exhibiting aggressive or unruly behavior is required to be removed by the handler immediately. Dog owners will be held liable for their dog's actions. If your dog gets into an altercation, please exchange contact information with the other dog owner(s).
- Handler's must be a minimum of 16 years old. Children 15 and younger must be accompanied by an adult at all times.
- There is a maximum of two dogs allowed per handler.
- No wheeled or motorized vehicles are allowed unless used for a disability.
- Dogs must enter and exit the Dog Park on a leash. Once inside the fence, handlers may unleash their dog. Dog handlers are responsible for carrying a leash for each dog within the park while staying within eyesight and voice control of their dog(s) at all times. Dogs cannot be left unattended at any time.
- All owners/handlers must clean up after their dog(s) in all areas of the Dog Park. Please use the provided waste bags and receptacles within the Dog Park.
- Dogs are not allowed to dig inside the Dog Park. Dog owners are responsible for filling in any holes created by their dog(s).
- Female dogs in heat are not allowed in the Dog Park. Non-neutered male dogs should be closely monitored at all times.
- No animal or human food is allowed within the Dog Park, other than small training treats.
- Electric, metal, prong, pinch or spike collars are not allowed.
- Sick, lame or injured dogs are not allowed in the Dog Park.
- Dogs must be current on all vaccinations. Dog Handlers must have vaccination documentation with them when visiting.
- In the Small Dog Area, dogs must be less than 13" at the shoulder and weigh no more than 25 pounds.
- All dogs are allowed in the Large Dog area, but please keep in mind that it is possible for small dogs to be accidentally injured by larger dogs.

HELLO

my name is...



The newest member of the Community Development staff is Kirk Wilson. Kirk was hired in February to fill our Building Inspector position focused on code enforcement and rental housing inspections. Prior to entering the construction industry, Kirk worked his family farm. In 1996 he began working for a small independent contractor and by 2008 had achieved Master Licensure in three construction disciplines; mechanical, electrical and plumbing. In 2015 he went to work for Hawkeye Electric where he became their Lead Generator Technician until joining the City of Hiawatha. In his spare time, Kirk likes to spend time with his wife, four-year-old daughter, and his family and friends in the backyard around the fire pit, swimming in the pool and relaxing in the hot tub. When not in the hot tub, he enjoys working in the shop on vehicles and equipment. Welcome aboard Kirk!



The newest member of the Policy and Administration staff is Jamie Fiedler. Jamie was hired in February as the Policy Administrative Specialist. This position focuses on supporting the day-to-day operations of the Policy and Administration departments. Prior to joining the City of Hiawatha, Jamie worked at KGAN CBS 2, where she was the Senior Production Newscast Director for almost 10 years. In 2015 she went to work for Vanguard Appraisals, Inc. where she was the President's Assistant until joining the City of Hiawatha this year. In her spare time, Jamie enjoys cooking, listening to podcasts, volunteering, spoiling her dog Luna June and spending time with family and friends. Jamie and her husband Ben are currently working on their goal to visit all of the National Parks. Out of the 63, they've been to eight, with Olympic National Park being her favorite so far. They've also visited all of the Hiawatha parks and believe they are just as good! Jamie is off to a great start and we look forward to working with her and utilizing all of her knowledge and experience.

COMMUNITY DEVELOPMENT DIRECTOR AWARDED ICC UPPER GREAT PLAINS REGION III BRENT SNYDER AWARD



Please help us congratulate Community Development Director Pat Parsley for receiving the ICC Upper Great Plains Region III Brent Snyder award! This award honors the late Brent Snyder whose 40 years of experience in Code administration and training exemplified dedication and service to the public and to his fellow Code officials.

Pat was nominated by NDBOA (North Dakota Building Officials Association). They wrote in his nomination paper: "Pat's dedication to teaching has gone above and beyond a classroom of code officials. He traveled to ND to assist in teaching high school students. We believe one of his passions is guiding young people. Not only has he taught students and code officials in many states throughout the Midwest but he has also taught contractor training in MN. If you ever meet Mr. Parsley or sit in his classroom, you quickly learn he has a unique sense of humor. His sincerity and genuine care are his signature trademarks in the classroom, on the job and in life. Pat Parsley is truly a one of a kind in all the best ways. We cannot think of someone more deserving to receive this award." Pat's efforts and hard work are inspiring, Congratulations! It's exciting to see our team members accomplishing great things! Kudos Pat!



JUNIOR ACHIEVEMENT AT NIXON ELEMENTARY

City Clerk Kari Graber jumped at the chance to volunteer with Junior Achievement for second graders at Nixon Elementary. Junior Achievement provides an opportunity to impact young people in our community in a positive way with programs on financial literacy, work readiness and entrepreneurship. Graber said "Junior Achievement has reinforced to me that community involvement can cultivate important skills among our diverse and talented professionals. My involvement with Junior Achievement has peaked my desire to give back to the community and to help aid in my professional development. Looking through a fresh lens, it helped me appreciate the connection between learning and hands-on experience."

HIAWATHA SOCCER

May 31 through June 29
AirFX Soccer Fields | Ages 3 - 4

Hiawatha Soccer, proudly sponsored by First Federal Credit Union, introduces your child to organized soccer in a friendly, fun and non-competitive environment. Coaches will help players learn a variety of soccer skills including ball control, shooting and passing. They will also learn teamwork and sportsmanship. Our program offers a lot of fun for players as well as parents. Sessions will consist of practices and scrimmages. Register at www.Hiawatha.ActivityReg.com
Makeup Dates: July 5 & 6



Day	Time	Deadline
Mon/Wed or Tues/Thurs	6:00 - 6:30 p.m.	April 30

REC UNITED SOCCER

June 14 - July 26
Tuma Soccer Complex | Ages 5 - 10

Hiawatha, Marion and Cedar Rapids Parks and Recreation Departments have combined to bring you a new recreation summer soccer league for all ages and abilities. Focus will be placed on learning age-appropriate skills and fundamentals to better enhance the players ability and understanding of the game of soccer. An emphasis will be placed on teamwork and good sportsmanship by all involved. If your child is looking for a summer soccer program, this is the league for them! There will be a separate girls and boys division for each age group. Shin-guards and cleats are recommended. Register at www.Hiawatha.ActivityReg.com

Day	Time	Fee	Deadline
Wed	6:00 or 7:00 p.m.	\$45	May 5



FREE BIKE HELMET GIVEAWAY & FITTING

SUNDAY, MAY 7
10AM - 1PM
HIAWATHA FARMERS MARKET
GUTHRIDGE PARK

WHILE SUPPLY LASTS!
HELMET RECIPIENT MUST BE PRESENT; NO HELMETS WILL BE GIVEN WITHOUT THE RECIPIENT BEING FITTED IN PERSON




Hiawatha's Birthday Party

June 9, 2023
11:00am | 2:00pm
Hiawatha City Hall
101 Emmons Street



NEW COMMUNITY GARDEN PLOTS AVAILABLE FOR RENT

Community garden plots will be available for the public to rent this spring at Prairiewoods, 120 East Boyson Road, Hiawatha. Prairiewoods will offer Half Plots (10' x 10' for \$20) and Full Plots (10' x 20' for \$30). They will offer gardening classes to people renting the plots, so no gardening experience is necessary. Visit www.Prairiewoods.org/outdoor-spaces or email srosenberger@prairiewoods.org for more information.



Hi
CITY-WIDE GARAGE SALES
SATURDAY, MAY 6TH



REGISTER YOUR GARAGE SALE FOR FREE BY APRIL 26 AT [HTTPS://HIAWATHA.ACTIVITYREG.COM](https://hiawatha.activityreg.com)

VOLUME 177

April Calendar

- 05 City Council Meeting 5:30 PM
- 07 City Hall Closed
- 08 Easter Egg Hunt 9:00 AM
- 10 History Commission Meeting 1:30 PM
- 10 Board of Adjustment Meeting 5:30 PM
- 11 Parks Commission Meeting 5:30 PM
- 11 Library Board Meeting 7:00 PM
- 18 Water Board Meeting 5:30 PM
- 19 City Council Meeting 5:30 PM
- 22 Earth Day 9:00 - 10:30 AM
- 24 Planning & Zoning Meeting 5:30 PM

May Calendar

- 03 City Council Meeting 5:30 PM
- 06 City-Wide Garage Sales
- 07 Farmers Market 10:00 AM
- 08 Amnesty Day
- 08 History Commission Meeting 1:30 PM
- 08 Board of Adjustment Meeting 5:30 PM
- 09 Parks Commission Meeting 5:30 PM
- 09 Library Board Meeting 7:00 PM
- 14 Farmers Market 10:00 AM
- 16 Water Board Meeting 5:30 PM
- 17 City Council Meeting 5:30 PM
- 21 Farmers Market 10:00 AM
- 22 Planning and Zoning Meeting 5:30 PM
- 28 Farmers Market 10:00 AM
- 29 City Hall Closed for Holiday



Snapology
AFTER SCHOOL CLUB

SNAPOLGY PROVIDES FUN, HANDS-ON STEM EXPERIENCES FOR STUDENTS IN GRADES KINDERGARTEN THROUGH 5TH GRADE. FROM ROBOTICS TO ENGINEERING TO ANIMATION, THERE'S SOMETHING FOR EVERYONE. YOUR CHILD WILL USE LEGO® BRICKS, K'NEX AND TECHNOLOGY TO MAKE LEARNING FUN. SNACKS PROVIDED!

FEE: \$35
GRADES: K - 5TH
MINIMUM OF 6
MAXIMUM OF 20

REGISTER TODAY AT [HTTPS://HIAWATHA.ACTIVITYREG.COM](https://hiawatha.activityreg.com)

MONEY SMART WEEK®

APRIL 15-21, 2023

TOPICS INCLUDE:

- FAMILY BUDGETING
- FINANCIAL INSTITUTIONS
- DEBT RELIEF
- EMPLOYER RETIREMENT PLANS

Money Smart Week is a national public education program that empowers people with the knowledge and skills to make better-informed personal financial decisions. All Money Smart Week events are free and open to the public; registration is advised. Questions for the panelists can be submitted during the registration process. To learn more or to register, visit www.moneysmartweek.org

SUMMER CONSTRUCTION PROJECTS

Northwood Storm Sewer – This project will install new storm sewer on the north side of Northwood Drive from Robins Road to the stream that feeds Dry Creek. In addition to the storm sewer, new 8" water main will be installed for approximately 500' east of Robins Road to increase the depth as well as increase flow with the larger size. Lastly, a new sidewalk will be installed on the south side of the roadway to improve pedestrian safety. Work is expected to begin in May with final completion in mid-August.

2023 Street Improvements – This project will include three locations. The first location is Nixon Drive from Northwood Drive to the school district property and will entail a new asphalt overlay as well as new sidewalk and street crossing to the south side of Northwood Drive. The second location is Rainbow Blvd from 12th Ave to 14th Ave and will entail a new asphalt overlay as well as new ADA ramps at 13th Ave. The last location includes asphalt overlays on Marion St from 2nd Ave to 4th Ave as well as 3rd Ave from Marion St south to the dead end. Work is expected to begin in May or June with final completion in mid-August.

Robins Road Water Main – This project involves replacing water main on Robins Road from Cedar Graphics north to Boyson Road and Pirie Drive from Robins Road to Nixon Elementary. There have been numerous water main breaks through the years. The water main is being increased from 8" to 12" to improve flow capacity. Work is expected to begin in May with a final completion in late fall. Robins Road will be reduced to two lanes and Pirie Drive will be reduced to one-way traffic. This project will involve multiple phases. Daily users should expect delays while this work takes place.



PUBLIC NOTICE

CITY ORDINANCE 50.08

WEED CONTROL PROCEDURE

As warmer weather and seasonal rain approaches the Hiawatha Community Development Department would like to remind our residents of our policy regarding tall grass and weeds.

The Hiawatha City ordinance 50.02 (9) requires property owners to keep grasses and mowed so that grass and weeds are less than 8 inches in height. This includes the individual lot, along with parking adjacent thereto, alleys, public ways or areas up to the centerline of said ways. The following special abatement procedure is applicable, in addition to any other procedure, to the control of weeds.

City Ordinance 50.08 recognizes this article as posting public notice to all citizens.

1. Notice Provided. The enactment and posting and annual posting of this section on or before May 1 each year shall constitute notice of its provisions to all property owners to comply with the terms thereof, and such notification shall be construed as due notice as required by Section 364.12[3h] of the Code of Iowa.

The City has been granted authority to abate tall grass and weeds. When the City receives a complaint regarding tall grass, we are allowed to have it removed without further notice.

2. Removal by City. In the event that any property owner fails to comply with such notice by May 15 of any given year, then a person duly designated by the Mayor or City Administrator shall destroy or remove any such weeds as defined in subsection 50.02(9) of this chapter without further notice.

The removal authority continues without further notice throughout the summer. If the City mows the lawn once we are allowed to maintain the lawn without further notice.

3. Subsequent Deadline of Notice. June 1, July 1, August 1 and September 1 are subsequent deadlines for additional cutting of such weeds, but said annual posting of this section shall be deemed due notice for all subsequent deadlines. The intent of this subsection is to require the removal of weeds a minimum of every 30 days from May 1 through October 1.

The property owner is responsible for all costs incurred by the City for the removal of tall grasses and weeds.

4. Costs Assessed. When the duly designated person has completed the abatement of any such nuisance after any deadline as established herein for the abatement of a public nuisance under the provisions of this section, such person shall certify the costs and expenses thereof to the Clerk, who shall notify the property owner of said costs by ordinary or certified mail. Any assessments unpaid 30 days after levy shall be certified to the County Treasurer for collection in the same manner as other special assessments.

Thank you for your help in keeping Hiawatha beautiful. By maintaining the grass and weeds to the required height it will eliminate the need for City action and abatement procedures. If you have any questions or comments, please contact the Community Development Department at 319-393-1515.

**DELIVER BY
WEDNESDAY,
04/01/2023**

Postal Customer Hiawatha, Iowa 52233

PRSR STD
US Postage
PAID
Hiawatha, IA
Permit No. 33
ECRWSS

HIAWATHA COUNCIL ACTION

The Hiawatha City Council meeting minutes may be obtained online at www.hiawatha-iowa.com/government/city-council-documents/ or by request to the City Clerk's Office at City Hall at 319-393-1515 x526

February 15, 2023

Resolution #23-011

Setting a public hearing for Urban Renewal Plan

Resolution #23-012

Setting a public hearing on proposed tax levy for FY24

Resolution #23-013

Setting a public hearing for the 2023 Northwood Dr Storm Sewer project

Resolution #23-014

Annual auditing services FY23-25

Resolution #23-015

City Attorney compensation

Resolution #23-016 - #23-018

Sale of dump truck sale and purchase of replacement

Resolution #23-019

Cold storage building project

Resolution #23-020

General Wastewater Engineering Services agreement

Resolution #23-021

Final plat for Heritage Green 13th addition

Resolution #23-022

Increasing rates at Farmers Market

Resolution #23-023

Inclement Weather Policy

Resolution #23-024

RecAssist Financial Aid Policy

Resolution #23-025

Establishing ambulance tier fee

March 1, 2023

Resolution #23-026

Sewer waiver

Resolution #23-027

Notice to bidders 2023 Northwood Dr Storm Sewer Project

Resolution #23-028

Setting a public hearing on 2023 Street Improvements Project

Resolution #23-029 - #23-035

General Obligation Loan Notes

Resolution #23-036 - #23-037

LOSST Revenue Bonds

Resolution #23-038

Landscape Maintenance

Resolution #23-039 - #23-040

Earth Day

Resolution #23-041

New police vehicle

CITY DIRECTORY

TITLE	NAME	PHONE	EMAIL ADDRESS
City Manager	Dennis Marks	319-393-1515 x523	dmarks@hiawatha-iowa.com
City Clerk	Kari Graber	319-393-1515 x526	kgraber@hiawatha-iowa.com
Finance Director	Cindy Kudrna	319-393-1515 x522	ckudrna@hiawatha-iowa.com
Parks & Recreation Director	Kelly Willadsen	319-393-1515 x251	kwilladsen@hiawatha-iowa.com
Community Development Director	Patrick Parsley	319-393-1515 x229	pparsley@hiawatha-iowa.com
City Engineer	Jon Fitch	319-393-1515 x528	jfitch@hiawatha-iowa.com
Public Works Superintendent	Rod Jasa	319-393-6601	rjasa@hiawatha-iowa.com
Water Superintendent	Marty Recker	319-393-1515 x232	mrecker@hiawatha-iowa.com
Police Chief	Ben Kamm	319-393-1212	chief@hiawathapolice.com
Fire Chief	Matt Powers	319-393-4180	mkpowers@hiawatha-iowa.com
Library Director	Jeanal Weeks	319-393-1414	weeks@hiawatha-iowa.com

For more information about City of Hiawatha and its services, call 319-393-1515 or visit www.hiawatha-iowa.com

CITY COUNCIL | City of Hiawatha Regular Council Meetings are the first and third Wednesday of each month.



**MAYOR
BILL BENNETT**

mayor@hiawatha-iowa.com



**COUNCIL MEMBER
JERRY MOHWINKLE**

jmhinkle@hiawatha-iowa.com



**COUNCIL MEMBER
ROB ARCHIBALD**

rarchibald@hiawatha-iowa.com



**COUNCIL MEMBER
AIME WICHTENDAHL**

aimew@hiawatha-iowa.com



**COUNCIL MEMBER
STEVE DODSON**

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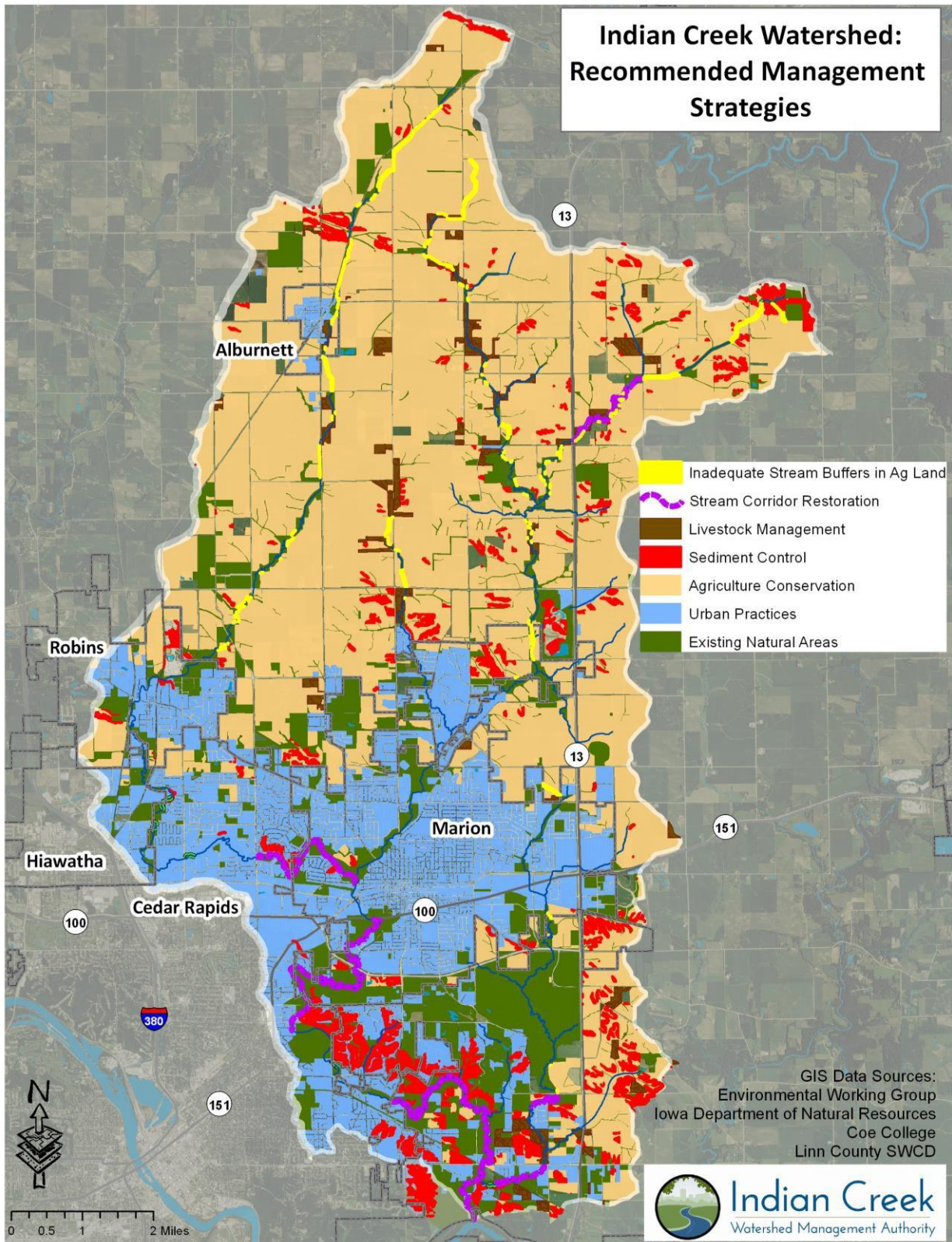


Indian Creek Watershed Management Plan

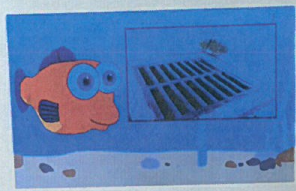
June 2015



Figure 7-1. Zones for Recommended Management Strategies in Indian Creek



Source: ECICOG and Iowa Department of Natural Resources



RAINSCAPING URBAN LANDSCAPES
INSPIRING COMMERCIAL, INSTITUTIONAL & INDUSTRIAL SITES

Rainwater Harvesting
Simple Solutions for Stormwater Management

GREEN ROOFS
Green Infrastructure For Stormwater Management

PERMEABLE PAVERS
Permeation and Stormwater Infrastructure

BIORETENTION CELLS
Green Infrastructure For Stormwater Management

SOIL QUALITY RESTORATION
Improving Soil Health

IOWA URBAN CONSERVATION

Stormwater Pollution Prevention Plan

Individual Building Site Stormwater Pollution Prevention

Individual Building Site Stormwater Pollution Prevention

Item	Description	Quantity
1	Stormwater Pollution Prevention Plan	1
2	Individual Building Site Stormwater Pollution Prevention	1
3	Stormwater Pollution Prevention Plan	1
4	Individual Building Site Stormwater Pollution Prevention	1
5	Stormwater Pollution Prevention Plan	1
6	Individual Building Site Stormwater Pollution Prevention	1

EROSION AND SEDIMENT CONTROL INSPECTION REPORT

Project: _____

Date of Inspection: _____

Project Owner: _____

Activity ID: _____

Prime Contractor: _____

DNR Permit No: _____

Reason for Inspection: Weekly Rainfall Event ____ in., Date of rain _____

Other: _____

Storm Water Pollution Prevention Plan (SWPPP) available on site? Yes No

Inspector: _____

EROSION AND SEDIMENT CONTROL INSPECTION

Area Inspected: _____

Inspection of Best Management Practices:

BMP	Control Practice Effective			Maintenance/Modification Required			BMP	Control Practice Effective			Maintenance/Modification Required		
	Y	N	N/A	Y	N	N/A		Y	N	N/A	Y	N	N/A
Silt Fencing							Stockpile Stabilization						
Ditch Checks							Mulching						
Rip Rap							Erosion Matting						
Inlet Protection							Temporary Seeding						
Drainage Swales							Permanent Seeding						
Construction Site Exits							Sodding						
Project Schedule							Other _____						
Grading Practices							Other _____						

INSPECTION COMMENT / SITE OBSERVATIONS:

Follow up required by Storm water Utility for potential NPDES violation? Yes No

Was maintenance/modification completed? No Yes (Date _____)

Report violation to DNR? No Yes (Date _____)

REQUIRED SEDIMENT CONTROLS

- Perimeter Controls
- Concrete Washout
- Paint Washout
- Debris Confinement
- Graveled Drive
- Good housekeeping

SILT FENCE INSTALLATION REQUIREMENTS

- Install parallel on the lower contours of site with the ends extending upward, creating a J-Hook, thus containing and allowing water to pond behind fence.
- Entrench 6-8 inches deep.
- Stake every 3 ft. unless in a high flow concentrated area, then the staking distance is every foot.
- Overlap sections of silt fence leaving no gaps between fences.

FILTER SOCK INSTALLATION REQUIREMENTS

- Composed of compost or wood mulch.
- Stake every 3 ft. unless in a high flow concentrated area, then the staking distance is every foot.
- When used as a perimeter control, the size shall be determined by the steepness of the slope.

RESOURCES

- www.iowastormwater.org
- www.iowadnr.gov
- Hiawatha Storm Water Hotline:
(319) 393-1515 ext. 229

ALTERNATE PERIMETER CONTROL REQUIREMENTS

- Compost Berm: 3ft. base x 1 ft. width at top x 1ft. height.
- Vegetative buffer strip: 20 ft. wide and a minimum of 6 inches in height on slopes less than 6% in height.
- Wattles on slopes less than 6% (Must be approved by a City Official).

CONCRETE WASHOUT REQUIREMENTS

- Must be located within the lot's perimeter controls, on level ground, and accessible from a hard surface.
- May be constructed with a double layer of 12-18 inch filter sock with (2) layers of 6 mil plastic.
- If using a concrete bag, it must be staked and tied up.

PAINT WASHOUT

- Must be located within the lot's perimeter controls and placed on level ground.
- Shall be secured.

DEBRIS CONFINEMENT

- Install a trash container on site.
- All containers must have lids.
- Can be comprised of trash bins, trash cans, or dumpster, etc. (Anything smaller than a bin, or dumpster, must have lids and be tied and staked down.
- All debris containers shall remain covered at all times.

GRAVEL DRIVE REQUIREMENTS

- Use rock that is 2 inches or greater in size.
- It shall extend a minimum of 20 ft. from the curb/street.

PORT-A-JOHNS

- Shall be located on level area within the perimeter controls.
- Must be secured with 18 inch stakes (minimum).
- DO NOT locate on or near storm sewer intakes.

STOCKPILES

- Sediment controls may need to be installed around its perimeter.
- DO NOT locate near any down slope, street, driveway, street/road, ditch, waterway, basin, stream, pond, lake, and/or wetland.
- If stockpiles are inactive, for more than 14 days, temp seeding and mulching practices shall be implemented.

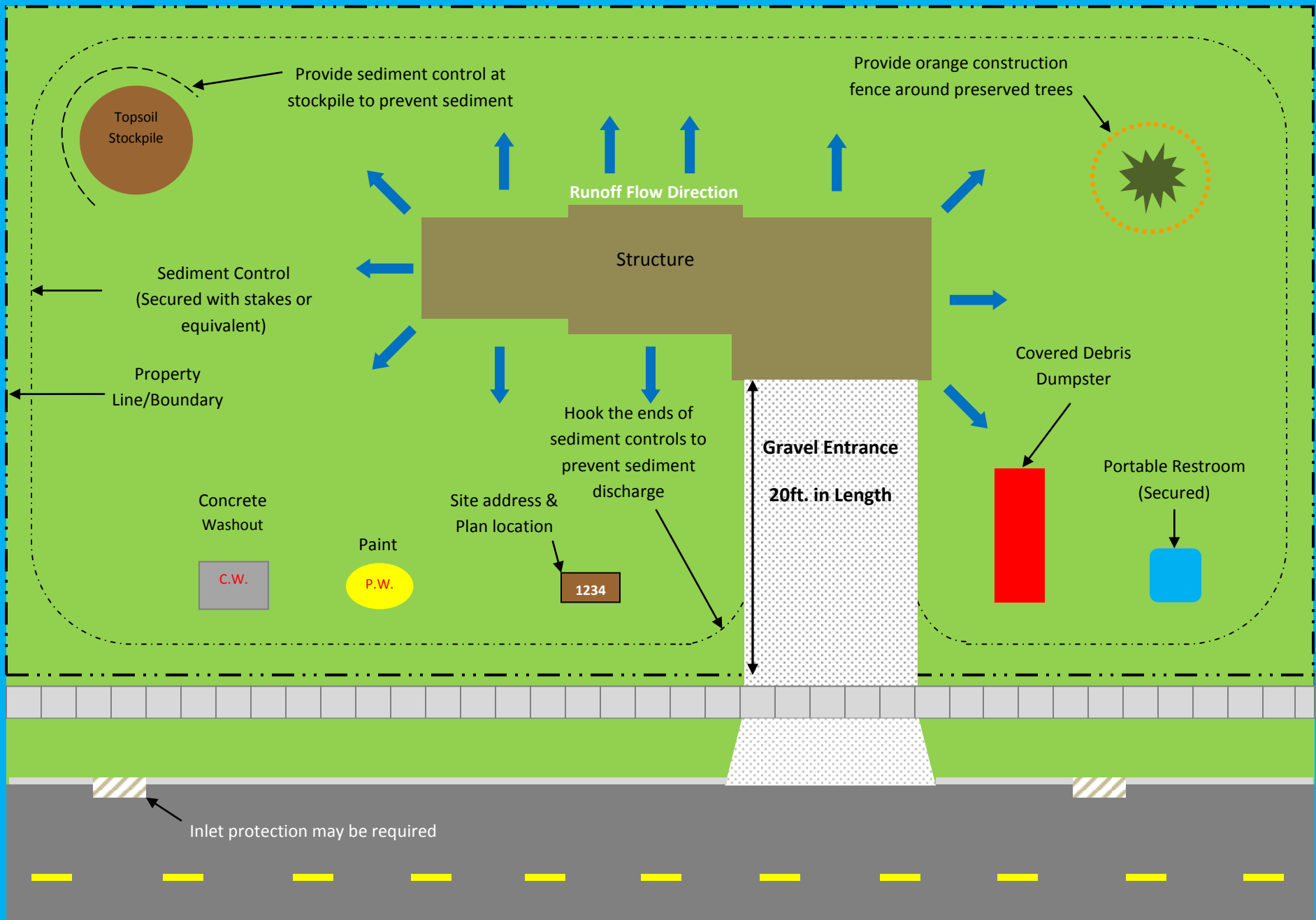
GOOD HOUSEKEEPING:

Maintain/replace damaged sediment controls, cleanup sediment that has been carried off site by vehicles and/or storm water runoff.

REQUIRED INSPECTIONS

- Weekly
- After each significant storm event
- Documentation shall be available within 2 hours of request.

EROSION & SEDIMENT CONTROL





EROSION AND SEDIMENT CONTROL INSPECTION

4th QUARTER REPORT

CITY PERMIT #: GPR17-000001
 Date of Inspection: 10/06/2022
 Address or Location: 000 Peck's Landing
 Owner:
 Description: IDNR construction permit: Pecks Landing Mixed Use Development
 NPDES Permit No: 31425-31150
 Inspector: Steve Brooks

Storm Water Pollution Prevention Plan (SWPPP) available on site?

Best Management Practice	Control Installed Properly	Corrective Action Required	Best Management Practice	Control Installed Properly	Corrective Action Required
Silt Fencing	Yes	No	Stockpile Stabilization	Yes	No
Ditch Checks	Yes	No	Mulching	N/A	No
Rip Rap	Yes	No	Erosion Matting	N/A	No
Inlet Protection	Yes	No	Temporary Seeding	Yes	No
Drainage Swales	Yes	No	Permanent Seeding	Yes	No
Construction Site Exits	Yes	No	Sodding	N/A	No
Project Schedule	N/A	No	Weekly Logs	N/A	No
Grading Practices	Yes	No	Other -		

NOTE: Items requiring corrective action may be considered violations if not repaired

ADDITIONAL INSPECTION COMMENT / SITE OBSERVATIONS:

This Quarterly inspection report is performed in accordance with the MS-4 Permit requirements for the City of Hiawatha. All records of this inspection are public and will be provided to the Iowa Department of Natural Resources (IDNR) or to the general public upon request. Your next quarter inspection will be in March-2023
 It is the responsibility of the NPDES Permit holder to make the necessary site corrections to comply with the permit and applicable SWPPP provisions including but not limited to the installation and maintenance of all control measures. The permittee is also required to maintain the associated documentation and provide copies upon request.



EROSION AND SEDIMENT CONTROL INSPECTION

2nd QUARTER REPORT

CITY PERMIT #: GPR21-000018
 Date of Inspection: 04/26/2023
 Address or Location: 000 Timber Creek Estates
 Owner: BURT ENTERPRISE LLC
 Description: IDNR construction permit: Timber Creek Estates To Hiawatha
 NPDES Permit No: 40418-40039
 Inspector: Steve Brooks

Storm Water Pollution Prevention Plan (SWPPP) available on site?

Best Management Practice	Control Installed Properly	Corrective Action Required	Best Management Practice	Control Installed Properly	Corrective Action Required
Silt Fencing	Yes	Yes	Stockpile Stabilization	N/A	N/A
Ditch Checks	Yes	No	Mulching	Yes	No
Rip Rap	Yes	No	Erosion Matting	N/A	N/A
Inlet Protection	No	No	Temporary Seeding	Yes	No
Drainage Swales	Yes	No	Permanent Seeding	N/A	N/A
Construction Site Exits	Yes	No	Sodding	N/A	N/A
Project Schedule	N/A	N/A	Weekly Logs	N/A	N/A
Grading Practices	Yes	No	Other -		

NOTE: Items requiring corrective action may be considered violations if not repaired

ADDITIONAL INSPECTION COMMENT / SITE OBSERVATIONS:

This Quarterly inspection report is performed in accordance with the MS-4 Permit requirements for the City of Hiawatha. All records of this inspection are public and will be provided to the Iowa Department of Natural Resources (IDNR) or to the general public upon request. Your next quarter inspection will be in September-2023
 It is the responsibility of the NPDES Permit holder to make the necessary site corrections to comply with the permit and applicable SWPPP provisions including but not limited to the installation and maintenance of all control measures. The permittee is also required to maintain the associated documentation and provide copies upon request.