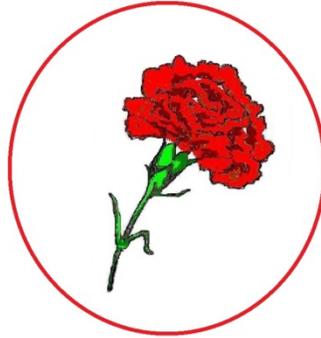


City of Alliance  
Stark County, Ohio



Storm Water Management Program (SWMP)  
for Small Municipal Separate Storm  
Sewer Systems (MS4)  
2022

Effective Date of Orders: November 1, 2006

In compliance with the Ohio Environmental Protection Agency  
National Pollutant Discharge Elimination System (NPDES) Permit No. OHQ000004

Alliance NPDES Permit No. 3GQ00129\*CG  
Effective Date: August 18, 2021  
Expiration Date: March 31, 2026

City of Alliance  
Stark County, Ohio

Storm Water Management Program

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## **List of Acronyms**

In the preparation of this document, the following acronyms have been used:

BMP	Best Management Practice
CRWP	Chagrin River Watershed Partners, Inc.
DO	Dissolved Oxygen
E&SC	Erosion and Sediment Control
EPA	Environmental Protection Agency
GIS	Geographical Information System
GPS	Global Positioning Satellites
HSTS	Home Sewage Treatment System
MCM	Minimum Control Measure
MOU	Memorandum of Understanding
MS4	Municipal Separate Storm Sewer System
NEORS	Northeast Ohio Regional Sewer District
NOACA	Northeast Ohio Areawide Coordinating Agency
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
SWMP	Stormwater Management Program
TMDL	Total Maximum Daily Load
TSS	Total Suspended Solids

# Introduction

## Alliance Community Information

Incorporated as a City in 1850.

Current Population: 22,322 (source: 2010 Census).

Current area: Approximately 8.677 square miles (5,553 acres). (8.600 square miles in Stark County and 0.077 square miles in Mahoning County)

Location: in Stark and Mahoning Counties, northeast Ohio, approximately 20 miles northeast of the Stark County Seat, Canton, and 30 miles southwest of the Mahoning County Seat, Youngstown.

## Structure of Government

The City of Alliance is a statutory form of government made up of three branches:

1. Executive Branch - includes the Mayor and his administration, the Law Department, Auditor, Treasurer and Civil Service Commission. It is the duty of the Executive Branch to administer/enforce the laws of the city.

2. Legislative Branch - is Alliance City Council. The City Council adopts ordinances and resolutions that become laws of the city.

3. Judicial Branch - is Alliance Municipal Court District and the Clerk of Courts Office. Alliance Municipal Court adjudicates misdemeanor crimes. In felony cases, municipal court holds preliminary hearings that bind the felony case over to the Stark County Court of Common Pleas.

## Legal Authority

Executive Authority - Alliance City Mayor and appointed officials.

Legislative Authority - Alliance City Council.

Judicial Authority - Alliance Municipal Court and Clerk of Courts.

## Funding for Storm Water Management Program

City General Fund for general activities of the Stormwater Management Plan

City Capital Improvements Fund, Water and Sewer funds for improvement projects needed

## Storm Water Management Legislation

The City of Alliance has codified ordinances currently in effect which regulate drainage and potential pollutants to the city's sewers and waterways. The City will continue to review the legislation during the permit period and determine if the ordinances need augmented or even repealed to conform with the city's Storm Water Management Program (SWMP) and our current NPDES permit. See Appendix A for a list of current ordinances.

### **Storm Water Management Committee**

The Storm Water Management Committee (SWMC) has been established by the City Public Service Director as a group to manage the implementation, execution, and reporting of the City Storm Water Management Program (SWMP). The SWMC consists of a representative from the following departments: Safety Service Director, Engineering and Building Department, Street Department, Sewer and Water Distribution Department, Health Department, Keep Alliance Beautiful, Parks Department, and the Water Pollution Control Center.

### **Total Maximum Daily Load Requirements (TMDL)**

The City of Alliance MS4 discharges to the Upper Mahoning Watershed via the Beech Creek and Fish Creek Sub-watersheds. These sub-watersheds are impaired and regulated for the following TMDLs:

Beech Creek – Phosphorus, Habitat, Bacteria, and Sediment/Total Suspended Solids

Fish Creek – Phosphorus, Habitat, Bacteria, and Sediment/Total Suspended Solids

We have selected our Best Management Practices (BMP) to address these TMDLs. The BMP tables for each of the six minimum control measures now include a section stating which TMDL is targeted.

### **Program Development and Decision Process**

The City's initial SWDP was developed by the Storm Water Management Committee. Over the years, each department has provided input as to whether their BMP's are achievable and effective. For this review and revision, our BMPs were evaluated to determine if they address either the minimum control measures or that they are the most effective in reducing our regulated TMDLs. Some measures may reach only a small percentage of our population, such as educating commercial developers, but are required to meet our minimum control measures. A measure such as this may also be effective for public opinion and for cooperation during developments.

## **Best Management Practices for the Six Minimum Control Measures**

The City of Alliance is responsible for enacting its selected BMPs for the six Minimum Control Measures, as follows.

- I. Public Education and Outreach on Storm Water Impacts
- II. Public Involvement/Participation
- III. Illicit Discharge Detection and Elimination
- IV. Construction Site Storm Water Runoff Control
- V. Post-Construction Storm Water Management in New Development and Redevelopment
- VI. Pollution Prevention/Good Housekeeping for Municipal Operations

The Safety Service Director is responsible for the overall implementation of the plan. He has the legal authority to direct the various City Departments for their roles in the program. The City has also partnered with Stark County agencies to share or contract for some BMPs. We have included Memorandums of Understanding and/or contracts for those arrangements.

## I. Public Education and Outreach on Storm Water Impacts (3.2.1)

Requirements: *To fulfill the Minimum Control Measures (MCMs) for Public Education and Outreach, you are required to have a public education and outreach program that accomplishes the following:*

- *Contains a minimum of five themes or messages, one of which is targeted towards the development community.*
- *A minimum of two mechanisms for delivery of your themes. Examples of mechanisms include but are not limited to billboards, a community newsletter or e-newsletter, a community website, a brochure or factsheet, or a public-access TV network.*
- *Reaches 50% of your MS4 population by the end of the 5-year permit term.*
- *In coordination with MCM 6: Good Housekeeping and Pollution Prevention, you should also provide an annual educational training for municipal staff.*

The chosen BMPs for Public Education and Outreach are listed in Figure 1 of this section. They were selected to educate different factions of the community and City government such as: homeowners, businesses, commercial developers, contractors, City departments, City Council, and City Leaders.

The mechanisms and themes were selected based on our reasonable access to various media and also to reach the maximum number of people within each target audience. Themes have been and will continue to be selected based on the target audience also. For example:

- Homeowners – fertilizing and car washing – short messages in water bills and articles/letters to editor in newspaper
- Pet owners – pet waste cleanup – flyers at pet stores
- Community Developers – Construction BMPs and Post Construction BMPs – Chamber of Commerce Newsletter

- Contractors – Construction BMPs – notices with license registration renewals
- City Council and Planning Commission – overall program requirements and/or specific legislation changes – committee meetings
- Restaurants – grease management – flyers

Parties responsible are located in the BMP tables. Further explanation of some of the BMPs follows.

### **1. Stormwater Media (Newspaper, Radio, Television) Campaign [xref: III.10.]**

Alliance will provide information to the newspaper for coverage of the Stormwater Management Plan goals. We wish to cover one topic per year during the permit period. Also, the City of Alliance will attempt to provide a public service announcement (PSA) for local radio or local access TV stations. The purpose of the news articles and public service announcement will be to inform the public that a storm water management permit is now in effect for the City of Alliance and that they must play a critical role in protecting area waters. We will also provide publications such as the EPA’s “Tempest in a Channel” to local college or Public Access television stations.

Responsible Department: Safety Service Director

Legal Authority: No legislative authority required, Safety Service Director to authorize.

Transmissions of PSA’s and/or articles are subject to cooperation by local newspapers, radio, and television stations.

Target Audience: Adult population, homeowners, and businesses in the Alliance area.

Justification: A significant number of city residents get their information from the local newspaper and radio stations. It is important that the citizens be informed that a new storm water program is in place for the community and that they play a critical role in this program. Airing of the EPA and other productions on Public Access television will give a better understanding of the stormwater concepts.

Goal: We wish to run at least three newspaper articles about the program covering three different topic areas. During the permit period, run the PSA on two local radio stations (AM broadcast and FM broadcast) daily for a week, as allowed by radio stations. We also wish to run the television production twice a month for three months.

Report: Keep a written log of station, date, time of PSA’s, program, or article. Copy of PSA text, or article.

### **2. & 3. Pet Waste Management and TMDL Handouts**

During their regular inspections of code enforcement and nuisances, the staff of the Alliance City Health Department and the Zoning Code Enforcement will inform residents of the proper methods of pet waste management and the effect it has contributing to the TMDL of E.coli. Prepare a written information handout sheet for Health and Zoning Officials to give to residents that have potential for pet waste problems. Handout information sheet can be used for distribution at pet stores and dog license bureaus, as well.

Responsible Department: City Health Department and Zoning Code Enforcement

Legal Authority: No legislative authority required, City Health Commissioner and Zoning Code Enforcement Officer to authorize.

Target Audience: Persons violating City pet waste and odor codes and all pet owners

Justification: Accumulations of pet waste can wash into the storm drainage system and negatively impact the storm water quality. Proper management of pet waste can prevent these problems. Frequent contact and information provided to pet owners can help in assuring adequate pet waste management practices.

Goal: Hand out 200 flyers and track number distributed.

Report: Keep a log of number of flyers distributed and where. Copy of flyer.

#### **4. Use of the Internet for Education and Outreach**

The storm water management plan of the City of Alliance will be posted on the City of Alliance website. Additional pages will be developed providing visitors with information on how they can have a positive impact on the storm water quality in our area. Provide links to other appropriate sites, such as Ohio and US EPA, Stark Soil and Water Conservation District, and ODNR. All flyers, notices, and PSA's will contain the Web address.

Responsible Department: Safety Service Director, Keep Alliance Beautiful Coordinator, and City Webmaster

Legal Authority: No legislative authority required.

Target Audience: City web site visitors, browsers, people whom have received a topic flyer.

Justification: Being informed of the various aspects of this Storm Water Management Program (SWMP) is a critical first step in people being able to take action. The use of Internet technology provides an efficient way to provide access to this information.

Goal: Establish a web page dedicated to the city's SWMP during the permit period. Continue maintenance of site once established

Report: Keep a written log or screen shot of initial installation date of web page and subsequent updates/revisions and dates.

#### **5. Inform Business Leaders About Storm Water Management Program(SWMP)**

Publish an article in the Alliance Regional Chamber of Commerce newsletter or develop a presentation to the members of the Chamber about the City's Storm Water Management Program.

Responsible Department: City Planning and Development Department

Legal Authority: No legislative authority required, City Planning and Development Director to authorize. Publication of article and presentation is subject to the approval of the Alliance Regional Chamber of Commerce.

Target Audience: Local area businesses and developers.

Justification: It is important to inform critical business leaders about the storm water management plan. The Chamber provides an effective forum to inform key business leaders in the community.

Goal: Publication of an article about the city's SWMP once during the permit period in the Alliance Regional Chamber of Commerce newsletter or one presentation to the Chamber during the 5 year permit period.

Report: Keep a written log of number newsletters circulated with city's SWMP article and a copy of the article. Keep a written log of date and number of attendees to presentation.

### **6. Inform Contractors About Construction BMPs**

Send info about required construction BMPs with license renewals. Advertise joint contractor training at Stark SWCD and Regional Planning on our website.

Responsible Department: City Engineering and webmaster

Legal Authority: No legislative authority required, City Engineer to authorize.

Target Audience: Contractors that work in the City.

Justification: It is important to inform contractors of Construction BMPs.

Goal: Reach all contractors renewing their license.

Report: Keep a written log of number of contractors informed

### **7. Grease Management at Retail Food Operations**

Provide information to area retail food operations during normal inspection by the health department on proper grease trap maintenance and cleaning. Improper use of grease traps will result in a notation of a violation during the food inspection.

Responsible Department: City Health Dept.

Legal Authority: No legislative authority required, City Health Commissioner to authorize.

Target Audience: Local area restaurants.

Justification: Improper grease management in food operations can have a negative impact on storm water discharges. Overflowing grease traps can contaminate the ground and be washed into storm sewers. In addition, grease can block sanitary sewers, causing sanitary surcharge/overflow onto the ground or into storm sewers.

Goal: Provide flyer to all restaurants inspected.

Report: Keep a written log of number of information sheets distributed. Copy of information sheet.

### **8. Informational Flyer or Printed Messages in Utility Bills**

Insert flyer in utility bills or include short printed messages on utility bills. Residents of the City of Alliance will be informed of the overall SWMP with a flyer. Brief targeted seasonal messages can be printed on the utility bill itself. Topics could include grass cutting and fertilizing in the spring, car washing and pet waste in the summer, litter and leaf raking in the fall, salt or misc. in the winter.

Responsible Department: Messages as approved by Safety Service Director and Water Billing

Legal Authority: No legislative authority required, City Safety Service Director to authorize flyer.

Target Audience: Nearly every homeowner and business in Alliance with water, sewer, or sanitation.

Justification: Putting informational flyers or printed messages in with utility billing statements has the potential of informing nearly every residence and business in the city of proper waste management. Homeowners are an excellent target audience.

Goal: Brief message quarterly printed on the bills. Include an informational flyer with the paperless utility billing statements (about 1/3 of bills electronically) annually.

Report: Keep a written log of messages included on the bills and the number of number of information flyers distributed. Copy of information flyer and text of messages.

## II. Public Involvement/Participation (3.2.2)

Requirements: *Involve the public and allow them to participate in the implementation of your stormwater management program. To fulfill the Minimum Control Measures (MCMs) for Public Involvement and Participation, you are required to have a public involvement and participation program that accomplishes the following:*

- *A minimum of five public involvement/participation events to be held during the permit cycle.*

The chosen BMPs for Public Involvement/ Participation are listed in Figure 2 of this section. They were selected to involve different factions of the community and City government such as: homeowners, businesses, commercial developers, contractors, City departments, City Council, and City Leaders.

We have blended some of our education efforts to allow input from the public, such as phone lines and public meetings. We also wish to include meetings with public officials to educate and involve City Council and Planning Commission on legislative changes.

Parties responsible are located in the BMP tables. Further explanation of some of the BMPs follows.

### **1. Inform Public Leaders [xref: III.11.]**

The Storm Water Management Program(SWMP) will be provided to Alliance City Council at implementation, along with annual reports of its status.

Responsible Department: City Safety Service Director, Planning Commission, and City Council.

Legal Authority: No legislative authority required to suggest changes.

Justification: It is important to get the commitment of city government leaders in the implementation of the SWMP. A reading of the plan into the public record is essential for the initial implementation of the plan

Goal: Conduct annual reports to Planning Commission on SWMP status. Present required changes to Council committee meetings as needed.

Report: Keep a written log of date, time of submittal of SWMP to Planning Commission and subsequent annual reports. Copy of Planning Commission or Council agenda, applicable ordinances, and/or resolutions. Copy of annual report.

### **2. Monitor phone lines and e-mail requests for Comments/Questions Regarding the City's SWMP [xref III.9. and IV.3.]**

The City provides department phone numbers and e-mail addresses for points of contact for the community to inform city government of potential problems associated with the SWMP or ask

questions concerning the SWMP. Web site, flyers, utility bills, and handouts will include the contact information or refer to website for input or questions.

Responsible Department: City Sewer and Water Distribution Department

Legal Authority: No legislative authority required. City Safety Service Director to approve.

Target Audience: All groups listed for the associated Public Education measures.

Justification: Members of the community must be able to easily contact the city to report suspected violations, ask questions, and make comments relative to the SWMP.

Goal: Questions, comments, and complaints with regards to the city's SWMP, as well as actions taken will be documented.

Report: Keep a written log of name, date, time, and nature of phone calls regarding the city's SWMP, and action taken.

### **3. Identify Storm Water Inlet Points and install educational signs [xref: V.3.]**

New storm sewer inlet castings will be cast with markings indicating that storm water entering the inlet outlets into a stream. We will encourage that signs be put up for new BMPs to educate employees and public.

Responsible Department: City Engineering and Building Department.

Legal Authority: No legislative authority required, City Engineer requires casting and will add to site plan checklist.

Target Participant: Developers, typically

Justification: Identification of key components of the watershed will increase the awareness of the members of the community and the potential negative impact of their actions.

Goal: New castings and replaced castings for storm sewer inlets used after the first year of permit period will be marked for awareness of intake water discharges into a stream.

Report: Photo or catalogue cut of casting(s) used. Track post-construction BMPs that owners place signs at.

### **4. Participation in the Keep Alliance Beautiful Program Cleanups/TMDL awareness**

Incorporate the cleanup of stream banks, vacant lots, and other potential sources of adverse discharges into the watershed in the Keep Alliance Beautiful program. Storm water management practices including the E.coli TMDL (126/month, 284/week) will be incorporated into this program.

Responsible Department: Keep Alliance Beautiful Coordinator

Legal Authority: No legislative authority required.

Target Participant: Typically Jr. High and High School age children and volunteer adults.

Justification: The Keep Alliance Beautiful has established periodic clean-up days in the community. Incorporating storm water management goals into these already existing clean-up efforts can leverage this key activity.

Goal: Attempt to establish one clean-up a year dedicated to areas in and around waterways in the city.

Report: Keep a written log of number days and participants on clean-up day. Log the amount of trash removed if possible.

**5. Participation in the Alliance Leaf Pickup Program [xref ]**

Alliance performs an annual bulk leaf cleanup program in which homeowners rake leaves to the curb lawns and the City Street Department picks them up. The leaves are taken to a local landscaping company where they are shredded, composted, and mixed with tree grindings and soil to create augmented topsoil. We can begin to incorporate a yard waste message into our notices encourage participation by the public in the program.

Responsible Department: Street Department

Legal Authority: No legislative authority required.

Target Participant: Homeowners

Justification: By removing leaves from yards, we are eliminating a source of catch basin clogging, decaying matter in the storm systems, TSS, and nitrogen loading to the streams.

Goal: Perform one Citywide clean-up per year. Add the environmentally friendly spin to notices in the newspaper or elsewhere.

Report: Keep a written log of number days dedicated to leaf cleanup. Copy of posted schedules and text used for notices. Track the number of loads and/or tons of leaves collected.

### III. Illicit Discharge Detection and Elimination (3.2.3)

Requirements:

- *Ordinances prohibiting illicit discharges and illegal dumping to the MS4*
- *Any exclusions (non-stormwater discharges) allowed (if determined not to be a major contributor of pollution to your MS4); a complete list is found in the MS4 general permit.*
- *Any authorized occasional incidental non-storm water discharges (example: charity car washes), with an explanation of why it is not a significant source of pollution to the MS4 either through the nature of the discharge or the controls you have put in place to manage the discharge*
- *Community authorization to access private property to conduct IDDE investigations (if not, describe in your SWMP what limitations to investigation exist and how have you addressed these limitations)*
- *Provisions for and types of enforcement mechanisms to eliminate illicit discharges (notices of violations, administrative fines, stop work orders, civil penalties, criminal penalties, etc.)*

You should also have completed:

- *An initial dry-weather screening of all stormwater outfalls in the MS4.*
- *A storm sewer map, updated annually, showing the location of all HSTS connected to the MS4, the types and size of conduits/ditches in the MS4 that receive discharges from HSTS, and the water bodies receiving the discharge from your MS4*
- *A comprehensive storm sewer system map (different from the storm sewer map), updated annually, showing the locations of all outfalls and the names and locations of all surface waters of the State that receive discharges from those outfalls. The comprehensive storm sewer system map should include:*
  - *Catch basins, pipes, ditches, flood control facilities, and public and private post-construction BMPs installed to comply with post-construction stormwater water quality requirements.*
  - *If this map is already complete, describe how you developed this map, and make sure to note how it will be regularly updated and who is responsible for the updates.*
  - *If this map is NOT complete, describe the sources of information you will use for the map, how you plan to verify the outfall locations with field surveys, and how the map will be developed, updated, and who the responsible party is. The map must be complete by the end of this permit cycle.*

*In describing your IDDE plan, in addition to the above information, include the following:*

- *Procedures for locating priority areas, including areas with higher likelihood of illicit connections (areas with older sanitary sewer lines, for example)*
- *Procedures for tracking the source of a potential illicit discharge, including the specific techniques you will use to detect the location of the source*
- *Procedures for removing the source of the illicit discharge*
- *Procedures for program evaluation and assessment*

BMPs of this section were selected to meet the minimum plan requirements and to address the TMDL requirements for our receiving streams. BMPs and responsible parties are listed in BMP Figure 3 at the end of this section and are further described below.

## **1&2. Online GIS Storm Sewer Maps, department outfall and post-con BMP GIS maps**

The City Engineering and Building Department has a complete GIS map of our storm sewers located online at:

<https://starkcountyohio.maps.arcgis.com/home/webmap/viewer.html?webmap=6e44d9c3b8e84ed3af378f3f8144ee29>

These maps are available to our City maintenance departments as well as to the public. The city has a GIS employee that maintains the maps on an ongoing basis to add newly constructed sewers or correct errors found in the field.

Outfalls and post-construction BMP mapping is kept on internal Engineering Department GIS maps and they are updated annually. We identify and number the storm system outfall locations on the maps which flow to receiving waters of the State that, as a minimum, show up as a blue line on the 1:24000 scale US Geological Survey maps. Excerpts of the maps are included in the appendices of this plan.

Responsible Department: City Engineering and Building Department

Legal Authority: No legislative authority needed. Supervision and control of drainage system and maps by City departments.

Justification: A comprehensive infrastructure map will enable the city to monitor inlet points to the city storm drainage system and outfalls to surface waters of the State.

Goal: The city will continuously update these dynamic maps and make them available to the City Sewer and Water Distribution Dept. and the public.

Report: Provide link to online map and screen shots or prints of internal maps such as outfalls and BMPs.

## **3. List and Map On-Site, Off-Site, and Failing Sewage Disposal Systems**

The City has sixteen known sewage disposal systems within the city, to include home sewage treatment systems (HSTS). Compile a list of all on-site HSTS inside and outside the city that may discharge directly or indirectly to our storm system. Mark the locations of on-site, off-site, and failing sewage disposal systems and the surface waters of the State on city sewer atlas maps or other maps.

Responsible Department: City and County Health Dept.(list) / City Engineering Dept.(map)

Legal Authority: No legislative authority required, City Health Commissioner and City Civil Engineer to authorize.

Justification: A comprehensive list and map identifying locations of on-site sewage disposal systems in and around the city will allow for effective investigations to potential contamination or pollution of State surface waters.

Goal: Maintain a list of on-site sewage disposal systems if any are found in the future.

Report: Keep a written list of location and type of on-site sewage disposal systems. Keep a list of updates of on-site sewage disposal systems on the map. Copy of map to be included in report updates.

## **4. Dry Weather Field Screening of Storm Sewer Outfalls**

The City has performed one dry weather inspection of outfalls to detect possible illicit discharges. This will be repeated during this permit period. The City will prioritize further

investigation those with the highest pollution indicators. See our Illicit Discharge Detection and Elimination Protocol.

Responsible Department: Sewer and Water Distribution Dept. and the Safety Service Director

Legal Authority: Safety Service Director to authorize.

Justification: Periodic inspection of flow at outfalls will help to monitor possible illicit discharges.

Goal: Inspect outfalls during dry weather (typically July to August). Track the number of inspections performed annually, prioritize investigation, and perform elimination protocol.

Report: Keep a written log of outfall inspected, findings, and recommended actions.

### **5. Cold Weather Field Screening of Storm Sewer**

Performed cold weather inspection of storm system to detect possible illicit discharges. Note areas of steam coming from catch basins and manholes. The City will prioritize and further investigation those with the highest pollution indicators. See our Illicit Discharge Detection and Elimination Protocol.

Responsible Department: Sewer and Water Distribution Dept., and the Safety Service Director

Legal Authority: Safety Service Director to authorize.

Justification: Periodic field inspection storm sewers will help to monitor possible illicit discharges.

Goal: Drive 1/5 of the city each year in the winter. Track the number of inspections performed annually, prioritize investigation, and perform elimination protocol.

Report: Keep a written log of areas inspected, findings, and recommended actions.

### **6. Televising of Sanitary Sewers**

Perform televising of sanitary sewers to detect cross connections (intended or naturally occurring). The city Distribution Dept. has been televising sanitary sewers as part of its Inflow and Infiltration (I/I) program since 1995.

Responsible Department: Sewer and Water Distribution Department

Legal Authority: No legislative authority required, Distribution Department Superintendent to authorize.

Justification: By televising sanitary sewer lines suspected of cross connection problems, decisions can be made to replace or rehabilitate pipe and reduce or eliminate possible contamination of surrounding ground waters and/or sanitary sewer overflows.

Goal: Televising all lines necessary as indicated by smoke testing and other methods employed to determine areas of problems as part of the City's continuous I/I program to facilitate timely repairs of problems uncovered.

Report: Keep a written log of all I/I activities detailing areas studied, methods employed, problems found, and corrective actions taken.

### **7. Dye Testing or Smoke Testing of Public Sanitary Sewers**

Perform smoke and dye testing of City sewers to detect cross connections (intended or naturally

occurring). The city Distribution Dept. has been smoke and dye testing sanitary sewers as part of its Inflow and Infiltration (I/I) program since 1995. The program also accounts for private lines and connections when the tests are conducted.

Responsible Department: Distribution Dept.

Legal Authority: No legislative authority required, Distribution Dept. Superintendent to authorize.

Justification: Dye testing and smoke testing are a useful tools to determine the existence of cross connections. Detecting cross connections will initiate the correction of the same.

Goal: To maintain an ongoing program of testing sewers to detect cross connections that may have been created or that have developed.

Report: Keep written log of I/I activities detailing date, location, type of sewer, type of test, results, and follow-up action.

## **8. IDDE Tracking and Enforcement Procedures**

The City has established IDDE tracking and enforcement procedures.

Responsible Department: Sewer and Water Distribution Dept.

Legal Authority: No legislative authority required, Distribution Dept. Superintendent to authorize.

Justification: Establish protocol to meet MCM requirements and to reduce TMDLs. Implement annual training for employees concerning the TMDL requirements.

Goal: To maintain an ongoing program of testing sewers to detect cross connections that may have been created or that have developed.

Report: Note changes to protocol in annual reports, as needed.

## **9. Review, Testing, and Inspection of Private Sanitary Sewer Connections**

Perform plan review and construction inspection on all new lines which are connected to the City's sanitary sewer. This effort is to prevent the occurrence of new problems. Perform dye testing of private connections, as the I/I tests indicate the need, to ensure proper connections.

Responsible Department: Distribution Dept., Engineering, and City Health Department

Legal Authority: City Building, Water, and Sewer Regulations.

Justification: Insuring that new lines are designed and installed per City standards helps ensure that these lines do not become future I/I sources or illicit storm water discharges. Detecting existing improper connections of sanitary sewers into storm sewers (and vice versa) will initiate action to eliminate illicit connections.

Goal: Respond with dye testing or smoke testing upon notice of possible connections into the storm sewers. Track house connections dye or smoke tested for illicit connections into city storm sewers. Work with legislative body to create laws that will provide for legal authorization to test homes for illicit connections to storm sewer systems

Report: Keep a written log of date, location and type of sewer, type of test, results, and follow-up action.

**10. Spill Response [xref VI.1.]**

Respond to material spills on public roadways due to vehicular accidents and perform clean-up. Alliance will develop a spill response plan.

Responsible Department: Alliance Fire Department and Street Department

Legal Authority: Safety Service Director and Alliance Fire Chief to authorize.

Justification: Timely response to clean-up spilled materials as a result of vehicular accidents may prevent potential pollutants, material and debris, from entering the storm sewer system.

Goal: Respond with a clean-up crew upon notice of a reported spill resulting from illegal dumping or roadway accidents. Track spill clean-ups performed

Report: Keep a written log of location and type of spill, response time, and action taken.

**11. Monitor Phone Lines and E-mail Addresses for Reporting of Illicit Discharges by the Public [xref III.9. and IV.3.]**

The City provides department phone numbers and e-mail addresses for points of contact for the community to inform city government of potential illicit discharges. Other public education sources, such as web site, flyers, utility bills, and handouts will include the contact information or refer to website for more details.

Responsible Department: City Sewer and Water Distribution Department

Legal Authority: No legislative authority required. City Safety Service Director to approve.

Target Audience: All groups listed for the associated Public Education measures.

Justification: Members of the community must be able to easily contact the city to report suspected violations, ask questions, and make comments relative to the SWMP.

Goal: Refer reports of illicit discharges to the proper personnel. Reports, questions, comments, and complaints with regards to the city's SWMP, as well as actions taken will be documented.

Report: Keep a written log of name, date, time, and nature of phone calls regarding the city's SWMP, and action taken.

## IV. Construction Site Storm Water Runoff Control (3.2.4)

### Requirements:

- *An ordinance or other regulatory mechanism that requires erosion and sediment controls and sanctions to ensure compliance to the extent allowable under State or local law*
- *Requirements for construction site operators to implement appropriate erosion and sediment control BMPs*
- *Requirements for construction site operators to control waste such as, but not limited to, discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste at the construction site that may cause adverse impacts to water quality*
- *Procedures for stormwater pollution prevention plan review which incorporate consideration of potential water quality impacts*
- *Procedures for receipt and consideration of information submitted by the public*
- *Procedures for site inspection and enforcement of control measures*

### RELEVANT ITEMS:

- *Copy of your Erosion and Sediment Control Code*
- *Enforcement escalation plan/procedure for construction sites*
- *Sample Notice of Violation letter from the community – Note: in municipalities, letters from the SWCD are not considered NOV's unless the community's ordinance specifically gives the SWCD enforcement authority (typically not the case). The SWCD is simply notifying the community that there are compliance issues on the site, but they have no inherent enforcement authority in a municipality.*

BMPs of this section were selected to meet the minimum plan requirements and to mainly address the TSS requirements for our receiving streams. However, some requirements such as concrete cleanouts and gas storage affect habitat directly. BMPs and responsible parties are listed in BMP Figure 4 at the end of this section and are further described below.

### **1. Stark County Erosion/Sediment Control Regulations**

The City has adopted, by Ordinance No. 29-07, the Stark County Erosion/Sediment Control (E&SC) Regulations. These regional regulations, attached in the appendices, are intended to meet the Ohio EPA NPDES Phase II requirements. They address requirements for construction site operators, procedures for site plan review, receipt and consideration of information submitted by the public, and procedures for site inspections and enforcement. Further, we have contracted with the Stark County Soil and Water Conservation District (SWCD) to oversee the program for Construction Erosion and Sediment Control for all sites disturbing more than one acre of soil.

Responsible Entities: City Safety Service Director and Stark SWCD

Legal Authority: Ordinance No. 29-07 attached

Justification: The ESC regulation is necessary to reduce pollutants in storm water runoff from construction sites. By adopting the Stark County's regulation, the city is allowing for a uniform standard with the county, which will be conducive to a common understanding of E&SC requirements for developers and contractors working within Stark County. The City has been

using the plan review and inspection services of the Stark SWCD on an informal basis for 5 or more years. During that time we have required developers to employ erosion control measures meeting the Stark SWCD requirements.

Goal: Document all site plans and developments whose construction activity requires them to meet the E&SC requirements of the Stark SWCD. Track to see that we continue to meet the Ohio Environmental Protection Agency requirements (Rainwater and Land Development Manual).

Report: Copy of approved ordinance and regulation in Appendix A. We will receive and forward reports on Stark SWCD's review and inspection activities.

### **2&3. Storm Water Pollution Prevention Plan (SWP3) Review and Site Inspection**

The City has entered an agreement with the Stark Soil & Water Conservation District (SWCD) to perform SWPPP review, best management practices (BMP) inspection on site, and enforcement of regulations and requirements for construction sites disturbing one acre of land or greater. We require a pre-construction meeting, monthly inspections, and ongoing maintenance of BMPs.

Responsible Entities: City Safety Service Director and Stark SWCD

Legal Authority: MOU attached.

Justification: Review of SWPPP and BMP inspection is necessary to reduce pollutants in storm water runoff from construction sites. By entering into an agreement with the Stark SWCD the City is allowing for a uniform enforcement of construction site regulations and requirements within the county, which will be conducive to a common understanding of E&SC requirements for developers and contractors working within Stark County. The Stark SWCD has the expertise and personnel to do the job efficiently. Our Planning and Zoning Codes require developers to include Storm Water Pollution Prevention Plan (SWP3) plans meeting the Stark SWCD requirements.

Goal: The Stark SWCD will track permits granted for construction sites to include SWPPP review, site inspections, and enforcement of the regulations and requirements.

Report: Copy of approved ordinance and agreement in Appendix A. We will receive and forward report on their reviews, inspections, and enforcement activities.

### **4. Escalation Plan and Enforcement Procedures**

The City has established an Escalation Plan and Enforcement Procedure for illicit discharges. See our protocol in the appendices of this plan.

Responsible Department: Safety Service Director and Water Distribution Dept.

Legal Authority: MOU with Stark SWCD attached. SSD and Distribution Dept. Superintendent to authorize.

Justification: Establish protocol to meet MCM requirements and to reduce TMDLs.

Goal: To maintain an ongoing protocol to address cross connections and illicit discharges.

Report: Note changes to protocol in annual reports, as needed

**5. Monitor Phone Lines and E-mail Addresses for Reporting of Illicit Discharges by the Public [xref III.9. and IV.3.]**

The City provides department phone numbers and e-mail addresses for points of contact for the community to inform city government of potential construction site violations. Other public education sources, such as web site, flyers, utility bills, and handouts include the contact information or refer to website for more details. <http://www.cityofalliance.com/index.aspx?nid=353>

Responsible Department: Engineering and Building Department

Legal Authority: No legislative authority required. City Safety Service Director to approve.

Target Audience: All groups listed for the associated Public Education measures.

Justification: Members of the community must be able to easily contact the city to report suspected violations, ask questions, and make comments relative to the SWMP.

Goal: Refer reports of illicit discharges to the proper personnel. Reports, questions, comments, and complaints with regards to the city's SWMP, as well as actions taken will be documented.

Report: Keep a written log of name, date, time, and nature of phone calls regarding the city's SWMP, and action taken.

## V. Post-Construction Storm Water Management in New Development and Redevelopment (3.2.5)

### Requirements:

- *A program to address stormwater runoff from new development and redevelopment projects that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale, that discharge into your small MS4. Your program must ensure that controls are in place that will prevent or minimize water quality impacts.*
- *Implementation of strategies which include a combination of structural and/or non-structural BMPs appropriate for your community.*
- *An ordinance or other regulatory mechanism to address post-construction runoff from new development and redevelopment projects to the extent allowable under State or local law.*
- *Adequate long-term operation and maintenance of BMPs.*

*Communities are required to document their decision process in implementing their Post-Construction Stormwater Management program.*

### RELEVANT ITEMS YOU SHOULD INCLUDE IN YOUR SWMP APPENDIX:

- *Copy of your Comprehensive Stormwater Management code and any other relevant non-structural post-construction BMP codes*
- *Enforcement escalation plan/procedure for post-construction violations*
- *Sample Notice of Violation letter from the community*
- *Sample Inspection and Maintenance Agreement*
- **BMPs of this section were selected to meet the minimum plan requirements and to mainly address the TSS requirements for our receiving streams. However, some requirements such as concrete cleanouts and gas storage affect habitat directly. BMPs and responsible parties are listed in BMP Figure 4 at the end of this section and are further described below.**

BMPs of this section were selected to meet the minimum plan requirements and to address long term TMDL requirements for our receiving streams. BMPs and responsible parties are listed in BMP Figure 5 at the end of this section and are further described below.

### **1. Post-Construction Storm Water Management Plan Required**

The city planning and zoning codes require Post-Construction Storm Water Plan for all sites greater than one acre. This may include new structural and nonstructural BMP's such as long term retention/detention, infiltration practices, separation of impervious areas, alternative parking areas, etc. A long term maintenance plan is required for each BMP.

Responsible Department: Safety Service Director, Planning, Engineering, Zoning and Multiple Departments

Legal Authority: Legislative authority by planning and zoning codes attached.

Justification: The ordinances/resolutions/policies address a program designed to reduce pollutants in storm water runoff from newly developed and redeveloped sites by closely following the requirements established in the NPDES Permit OHQ000004 and requirements

established by the Ohio EPA (Rainwater and Land Development Manual).

Goal: The city will maintain ordinances/resolutions/policies in place during our permit period to require Post-Construction Plan and long term maintenance plan for new developments

Report: Copy of ordinances, etc. List of approved plan and BMPs.

## **2. Inspections of Post-Construction BMPs**

The city has an MOU with the Stark SWCD to perform inspections of Post-Construction Storm Water BMPs for all sites greater than one acre. The frequency required by the owner may vary from site to site and the City or Stark SWCD may inspect yearly. This may include new structural and nonstructural BMP's such as long term retention/detention, infiltration practices, separation of impervious areas, alternative parking areas, etc.

Responsible Department: Safety Service Director, Planning, Engineering, Zoning and Multiple Departments

Legal Authority: MOU with Stark SWCD attached. Legislative authority by planning and zoning codes attached.

Justification: The ordinances/resolutions/policies address a program designed to reduce pollutants in storm water runoff from newly developed and redeveloped sites by closely following the requirements established in the NPDES Permit OHQ000004 and requirements established by the Ohio EPA (Rainwater and Land Development Manual).

Goal: The city will maintain ordinances/resolutions/policies in place during our permit period to require Post-Construction BMP inspections and a long term maintenance plan for new developments

Report: Copy of ordinances, etc. List of inspections performed.

## **3. Minimize impervious lands and Wetland and Stream Buffer Zones - Riparian Setbacks**

[xref: \*\*\*\*\*VI.7.]

The City has planning and zoning codes to limit the amount of impervious coverage and requiring buffers and setbacks on certain new developments. We would like to develop new codes to include minimum riparian setback requirements to help protect wetlands and waterways of the State. The setback rules will be enforced through the site plan review process and by inspections by the Stark SWCD all sites disturbing more than one acre of soil.

Responsible Entities: Planning Commission, Council and Stark SWCD

Legal Authority: Planning and zoning codes attached and proposed new ordinance for riparian setbacks.

Justification: The riparian setback regulation is necessary to reduce pollutants in storm water runoff before they enter streams or wetlands.

Goal: Enforce existing setback and buffer rules. Add riparian setback regulation within the next triannual planning and zoning regulation review period.

Report: Copy of existing and future approved ordinance and regulation.

## **4. Identify Storm Water Inlet Points and install educational signs at BMPs** [xref: II.3.]

New storm sewer inlet castings will be cast with markings indicating that storm water entering the inlet outlets into a stream. Encourage informative signs at new post-construction BMPs.

Responsible Department: City Engineering Dept. and Planning Department

Legal Authority: No legislative authority required, City Civil Engineer requires labeled castings and add language to Site Plan Check List.

Justification: Identification of key components of the watershed will increase the awareness of the members of the community and the potential negative impact of their actions.

Goal: New castings and replaced castings for storm sewer inlets used after the first year of permit period will be marked for awareness of intake water discharges into a stream.

Report: Post-construction BMPs mapped by Engineering Department. Those with signs will be noted.

##### **5. RIVER Award for Alliance Businesses/ Developers for Excellent Storm Water Management Practices**

Alliance offers an award for Alliance businesses and developers who employ innovative designs and environmentally friendly construction practices to protect the community's rivers, streams, wetlands, ponds, and other natural resources.

Responsible Department: City Engineering Department

Legal Authority: No legislative authority required, Alliance Planning Commission and Mayor authorized.

Target Audience: Local area businesses and developers. (Newsletter to possibly 150) (20 - 35 Site Plan applicants per year)

Justification: It is important to inform critical business leaders about the storm water management plan. The RIVER Award is a valuable tool in involving developers, educating them of construction and post construction BMP's available to them, and provides an incentive to use them. The Chamber provides an effective forum to inform key business leaders in the community.

Goal: Handout RIVER Award criteria with all Site Plan applications. Publication of an article about the Award in the Alliance Regional Chamber of Commerce's newsletter. Post the criteria and info of BMP's on the website. Include the names of recipients on the website.

Report: Track the number of notices about the award handed out with Planning Commission applications and finally, the number of awards given.

## VI. Pollution Prevention/Good Housekeeping for Municipal Operations (3.2.6)

### **1. Monitor Industrial Activity Sites [xref: III.8.]**

Currently the city does not have any municipal operations that are performed outdoors or of a nature to require SWP3 plans. The WWTP, located outside the City MS4, has a no exposure certificate. However, we will continue to monitor that there is no detrimental operations at our Division of Motor Vehicles, Street Department, Sewer and water Distribution Department, Parks, and the Sewer and Water Treatment Plants.

Responsible Department: City Public Service Director and various maintenance departments

Legal Authority: No legislative authority by ordinance is required.

Justification: Monitoring efforts are aimed at ensuring that city operations do not cause discharge of hazardous, caustic, or regulated substances into the waterways surrounding the Alliance region.

Goal: The will review operations each year during the permit period. Policies will be continuously updated to improve our activities, as well as to keep the city in conformance with regulations affecting this area.

### **2. Street Sweeping/Cleaning**

The city will document its sweeping activities and the overall impact on the removal of dirt and other debris from city thoroughfares. Presently, we minimally provide for two passes of the arterial routes throughout the city per year. The city will maintain or increase its efforts to remove pollutants from its streets, thus reducing the entry into the storm sewer system

Responsible Department: City Street Department

Legal Authority: No legislative authority required, Street Dept. Superintendent to authorize.

Justification: Pollutants from streets can enter the storm sewer system and ultimately be washed into the streams. This program should reduce the volume of polluted materials entering our waterways.

Goal: We will assess the impact of the street sweeping program by documenting the number of lane miles swept and volume of debris removed. This information will enable us to determine how much material has been prevented from entering the storm system, thereby facilitating a better understanding of the effectiveness of our program. We should be positioned to determine how many pounds or cubic yards per lane mile are prevented from entering our streams because of this program.

Report: Keep written log of number of lane miles swept and weight or volume of debris removed from the city streets.

### **3. Catch Basin and Storm Line Cleaning**

The Sewer and Water Distribution Department has in place a cleaning program that addresses the cleaning of catch basins and storm lines on an as needed or by complaints basis.

Responsible Department: City Sewer and Water Distribution Department

Legal Authority: No legislative authority required, Sewer and Water Distr. Super. to authorize.

Justification: A systematic approach to catch basin/storm line cleaning should reduce the volume of pollutants washed through the system into the waterways.

Goal: During the permit period, the Distribution Department will document the number of catch basins cleaned and lineal footage of storm lines cleaned. Following the documentation phase, the department will assess its efforts and establish a formal program that purports to provide for a systematic and timely cleaning of the storm sewer system.

Report: Keep written documentation of number of catch basins cleaned, linear feet of storm line cleaned, volume of debris removed. Written status of storm sewer cleaning program. Copy of established program.

### **4. Pollution Prevention/Good Housekeeping Training Plan**

The city will provide annual training plan for appropriate city employees aimed at instilling pollution prevention/good housekeeping techniques into municipal operations and at our sites, including: Division of Motor Vehicles, Street Department, Sewer and water Distribution Department, Parks, and the Sewer and Water Treatment Plants.

Responsible Department: Safety Service Director

Legal Authority: MOU with Stark SWCD. No legislative authority required, Safety Service Director to authorize.

Justification: Many employees within a small MS4 are not aware of how their actions can negatively impact the streams of their community. Training helps to make them far more aware of how they can perform their jobs in a way that reduces pollutants from washing into the storm sewer system.

Goal: The city will train appropriate personnel annually.

Report: Written status of training plan. Keep written log of date of training sessions and name/position of individuals in attendance.

## Review and Update of the Stormwater Management Program

We perform an annual review of our SWMP in conjunction with preparation of the annual report to Ohio EPA required under Part IV.C of the MS4 Permit #OHQ0000003. Any proposed additions to the SWMP during the life of the permit will be address are made upon written notification to Ohio EPA in our annual report and in plan updates for new permit periods. Changes replacing an ineffective or infeasible BMP specifically identified in the SWMP with an alternate BMP are requested of Ohio EPA according to the procedure outlined in accordance with Part V.G of the MS4 Permit #OHQ0000003 and include the following information:

1. An analysis of why the BMP is ineffective or infeasible (including cost prohibitive),
2. Expectations on the effectiveness of the replacement BMP, and
3. An analysis of why the replacement BMP is expected to achieve the goals of the BMP to be replaced.

Unless specifically denied by Ohio EPA, the requested changes proposed in accordance with the criteria above shall be deemed approved and may be implemented 60 days from submittal of the request.

## Evaluating, Record Keeping and Reporting

Through the procedures established in each MCM rationale, we evaluate our program compliance, the appropriateness of identified BMPs, and progress toward achieving identified measurable goals and satisfying the performance standards. We retain copies of all reports and documentation required by Part IV.B.1 of the MS4 Permit #OHQ0000003 and will retain and make our required documentation accessible to the public if requested to do so in writing according to Part IV.B.2 of the MS4 Permit OHQ0000003. For the 5-year term of the permit, yearly reports are prepared detailing the progress of our community in meeting the measurable goals of the program using the reporting forms provided by Ohio EPA. Reports are filed annually in accordance with the requirements of Part IV.C of the MS4 Permit #OHQ0000003.

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Introduced by: Edwards

Ordinance No. 049-24

Referred to: u-)o.k-r

**S**

1 Reading: UIL71aoaH

2<sup>nd</sup> Reading: ta.oaq

3<sup>rd</sup> Reading: t

AN ORDINANCE AMENDING THE ALLIANCE CODIFIED ORDINANCES BY ADDING CHAPTER 939 AND AMENDING CHAPTER 154.01.

WHEREAS, illicit discharges to the City of Alliance's separate storm sewer system create water quality risks to public health, safety, and general welfare; and,

WHEREAS, illicit discharges may necessitate repair of storm sewers and ditches; damage to public and private property; and may damage water resources by reducing water quality; and,

WHEREAS, there are watershed-wide efforts to reduce illicit discharges to the Mahoning River and to protect and enhance the unique water resources of the Mahoning River watershed(s); and,

WHEREAS, 40 C.F.R. Parts 9, 122, 123, and 124, and Ohio Administrative Code 3745-39 require designated communities, including the City of Alliance, to develop a Storm Water Management Program that, among other components, requires the City of Alliance to prohibit illicit discharges to their storm water system and to implement appropriate enforcement procedures and actions to detect and eliminate such illicit discharges; and,

WHEREAS, Article XVIII, Section 3 of the Ohio Constitution grants municipalities the legal authority to exercise all powers of local self-government and to adopt and enforce within their limits such local police, sanitary, and other similar regulations, as are not in conflict with general laws.

Now, THEREFORE BE IT ORDAINED by the Council of the City of Alliance, Stark and Mahoning Counties, Ohio, as follows:

1

SECTION 1: Alliance Codified Ordinance is hereby amended by adding Chapter 939 Storm Water Illicit Discharge and Illegal Connection Control as per the attached Exhibit "A".

SECTION 2: Alliance Codified Ordinance Chapter 154.01 is amended as follows:

There is hereby established a Water/Sewer Advisory Board to assist and make

recommendations to the Director of Public Safety and Service on matters concerning the operation of the water system, and the sanitary sewer system, and the storm water collection system, and to conduct administrative hearings as provided in Chapter 939.09 (D).

SECTION 3. That it is FOUND and DETERMINED that all formal actions of this Council concerning and relating to the adoption of this Ordinance were resolved in an open meeting of this Council, and that all deliberations of this Council and of any of its committees that resulted in such formal actions were in meetings open to the public in compliance with all legal requirements, including Section 121.22 of the Ohio Revised Code.

PASSED, this 15 day of July, A.D., 2024.

~~ZzZZp4~~

~~Arthur D. Garnes, President of Council~~  
Edward A. Lohmes, Pres. Pro-Tem

ATTEST:

Staci R. Gurney  
Staci R. Gurney, Clerk of Council

APPROVED AS TO LEGAL FORM:

Andrew D. Grove  
Andrew D. Grove, Mayor  
APPROVED:

Caitlyn R. Weyer, 2024.  
Caitlyn R. Weyer, Law Director

EXHIBIT A

CHAPTER 939

Storm Water Illicit Discharge and Illegal Connection Control

939.01 PURPOSE AND SCOPE

The purpose of this regulation is to provide for the health, safety, and general welfare of the citizens of the City of Alliance through the regulation of illicit discharges to the municipal

separate storm sewer system (MS4). This regulation establishes methods for controlling the introduction of pollutants into the MS4 in order to comply with requirements of the National Pollutant Discharge Elimination System (NPDES) permit process as required by the Ohio Environmental Protection Agency (Ohio EPA). The objectives of this regulation are: A. To prohibit illicit discharges and illegal connections to the MS4.

B. To establish legal authority to carry out inspections, monitoring procedures, and enforcement actions necessary to ensure compliance with this regulation.

### 939.02 APPLICABILITY

This regulation shall apply to all residential, commercial, industrial, or institutional facilities responsible for discharges to the MS4 and on any lands in the City of Alliance, except for those discharges generated by the activities detailed in Section 939.07 (A)(1) to (A)(3) of this regulation.

### 939.03 DEFINITIONS

The words and terms used in this regulation, unless otherwise expressly stated, shall have the following meaning:

A. Best Management Practices (BMPs): means schedules of activities, prohibitions of practices, general good housekeeping practices, pollution prevention and educational practices, maintenance procedures, and other management practices to prevent or reduce the discharge of pollutants to storm water. BMPs also include treatment practices, operating procedures, and practices to control site runoff, spillage or leaks, sludge or water disposal, or drainage from raw materials storage.

B. Community: means the City of Alliance, its designated representatives, boards, or commissions.

C. Environmental Protection Agency or United States Environmental Protection Agency (USEPA): means the United States Environmental Protection Agency, including but not limited to the Ohio Environmental Protection Agency (Ohio EPA), or any duly authorized official of said agency.

D. Floatable Material: in general this term means any foreign matter that may float or remain suspended in the water column, and includes but is not limited to, plastic, aluminum cans, wood products, bottles, and paper products.

E. Hazardous Material: means any material including any substance, waste, or combination thereof, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may cause, or significantly contribute to, a substantial present or potential hazard to human health, safety, property, or the environment when improperly treated, stored, transported, disposed of, or otherwise managed.

F. Illicit Discharge: as defined at 40 C.F.R. 122.26 (b)(2) means any discharge to an MS4 that is not composed entirely of storm water, except for those discharges to an MS4 pursuant to a NPDES permit or noted in Section 939.07 of this regulation.

G. Illegal Connection: means any drain or conveyance, whether on the surface or subsurface, that allows an illicit discharge to enter the MS4.

H. Municipal Separate Storm Sewer System (MS4): as defined at 40 C.F.R. 122.26 (b)(8), municipal separate storm sewer system means a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains):

I. Owned or operated by a State, city, town, borough, county, parish, district, municipality, township, county, district, association, or other public body (created by or pursuant to State law) having jurisdiction over sewage, industrial wastes, including special districts under State law such as a sewer district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under section 208 of the Clean Water Act that discharges to waters of the United States;

2. Designed or used for collecting or conveying storm water;

3. Which is not a combined sewer; and

4. Which is not part of a Publicly Owned Treatment Works (POTW) as defined at 40 C.F.R. 122.2.

I. National Pollutant Discharge Elimination System (NPDES) Storm Water Discharge Permit: means a permit issued by EPA (or by a State under authority delegated pursuant to 33 USC §1342(b)) that authorizes the discharge of pollutants to waters of the United States, whether the permit is applicable on an individual, group, or general areawide basis.

J. Off-Lot Discharging Household Sewage Treatment System: means a system designed to treat household sewage on-site and discharges treated wastewater effluent off the property into a storm water or surface water conveyance or system.

K. Owner/Operator: means any individual, association, organization, partnership, firm, corporation or other entity recognized by law and acting as either the owner or on the owner's behalf.

L. Pollutant: means anything that causes or contributes to pollution. Pollutants may include, but are not limited to, paints, varnishes, solvents, oil and other automotive fluids, non-hazardous liquid and solid wastes, yard wastes, refuse, rubbish, garbage, litter or other discarded or abandoned objects, floatable materials, pesticides, herbicides, fertilizers, hazardous materials, wastes, sewage, dissolved and particulate metals, animal wastes, residues that result from constructing a structure, and noxious or offensive matter of any kind.

M. Storm Water: any surface flow, runoff, and drainage consisting entirely of water from any form of natural precipitation, and resulting from such precipitation.

N. Wastewater: The spent water of a community. From the standpoint of a source, it may be a combination of the liquid and water-carried wastes from residences, commercial buildings, industrial plants, and institutions.

#### 939.04 DISCLAIMER OF LIABILITY

Compliance with the provisions of this regulation shall not relieve any person from responsibility for damage to any person otherwise imposed by law. The provisions of this regulation are promulgated to

promote the health, safety, and welfare of the public and are not designed for the benefit of any individual or for the benefit of any particular parcel of property.

939.05 CONFLICTS, SEVERABILITY, NUISANCES & RESPONSIBILITY A. Where this regulation is in conflict with other provisions of law or ordinance, the most restrictive provisions, as determined by the City of Alliance, shall prevail.

B. If any clause, section, or provision of this regulation is declared invalid or unconstitutional by a court of competent jurisdiction, the validity of the remainder shall not be affected thereby. C. This regulation shall not be construed as authorizing any person to maintain a nuisance on their property, and compliance with the provisions of this regulation shall not be a defense in any action to abate such a nuisance.

D. Failure of the City of Alliance to observe or recognize hazardous or unsightly conditions or to recommend corrective measures shall not relieve the site owner from the responsibility for the condition or damage resulting therefrom, and shall not result in the City of Alliance, its officers, employees, or agents being responsible for any condition or damage resulting therefrom.

#### 939.06 RESPONSIBILITY FOR ADMINISTRATION

The City of Alliance shall administer, implement, and enforce the provisions of this regulation. The City of Alliance shall designate the Water Distribution Superintendent as the responsible administrative official. The City of Alliance may contract with the City of Alliance, Stark County, Mahoning County, and Columbiana County Board(s) of Health to conduct inspections and monitoring and to assist with enforcement actions.

#### 939.07 DISCHARGE AND CONNECTION PROHIBITIONS

A. Prohibition of Illicit Discharges. No person shall discharge, or cause to be discharged, an illicit discharge into the MS4. The commencement, conduct, or continuance of any illicit discharge to the MS4 is prohibited except as described below:

1 . Water line flushing; landscape irrigation; diverted stream flows; rising ground waters; uncontaminated ground water infiltration (infiltration is defined as water other than wastewater that enters a sewer system, including sewer service connections and foundation drains, from the ground through such means as defective pipes, pipe joints, connections, or manholes. Infiltration does not include, and is distinguished from, inflow); uncontaminated pumped ground water; discharges from potable water sources; foundation drains; air conditioning condensate; irrigation water; springs; water from crawl space pumps; footing drains; lawn watering; individual residential car washing; flows from riparian habitats and wetlands; dechlorinated/debrominated/ desalinated swimming pool discharges; street wash water with dry cleanup method and no detergents to minimize pollutants; discharges or flows from fire-fighting activities (not planned exercises); dye tests. These discharges are exempt until such time as they are determined by the City of Alliance or Ohio EPA to be significant contributors of pollutants to the MS4.

2. Discharges specified in writing by the City of Alliance as being necessary to protect public health and safety.

3. Discharges from off-lot discharging household sewage treatment systems existing prior to January I , 2007 and permitted by the City of Alliance, Stark County, Mahoning County, and

Columbiana County Board(s) of Health for the purpose of discharging treated sewage effluent in accordance with Ohio Administrative Code 3701-29, or other applicable City of Alliance, Stark County, Mahoning County, and Columbiana County Board(s) of Health regulations, until such time as the Ohio Environmental Protection Agency issues an NPDES permitting mechanism for household sewage treatment systems existing prior to January 1, 2007. These discharges are exempt unless such discharges are deemed to be creating a public health nuisance by the City of Alliance, Stark County, Mahoning County, and Columbiana County Board(s) of Health.

Discharges from new or replacement off-lot household sewage treatment systems installed after January 1, 2007 are not exempt from the requirements of this regulation.

In compliance with the City of Alliance Storm Water Management Program, discharges from all off-lot discharging household sewage treatment systems must either be eliminated or have coverage under an appropriate NPDES permit issued and approved by the Ohio Environmental Protection Agency. When such permit coverage is available for systems existing prior to January 1, 2007, discharges from off-lot discharging household sewage treatment systems existing prior to January 1, 2007 will no longer be exempt from the requirements of this regulation.

B. Prohibition of Illegal Connections. The construction, use, maintenance, or continued existence of illegal connections to the MS4 is prohibited.

1. This prohibition expressly includes, without limitation, illegal connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection.

2. A person is considered to be in violation of this regulation if the person connects a line conveying illicit discharges to the MS4, or allows such a connection to continue.

### 939.08 MONITORING OF ILLICIT DISCHARGES AND ILLEGAL CONNECTIONS

A. Establishment of an Illicit Discharge and Illegal Connection Monitoring Program: The City of Alliance shall establish a program to detect and eliminate illicit discharges and illegal connections to the MS4. This program shall include the mapping of the MS4, including MS4 outfalls and household sewage treatment systems; the routine inspection of storm water outfalls to the MS4, and the systematic investigation of potential residential, commercial, industrial, and institutional facilities for the sources of any dry weather flows found as the result of these inspections.

B. Inspection of Residential, Commercial, Industrial, or Institutional Facilities.

I. The City of Alliance shall be permitted to enter and inspect facilities subject to this regulation as often as may be necessary to determine compliance with this regulation.

2. The City of Alliance shall have the right to set up at facilities subject to this regulation such devices as are necessary to conduct monitoring and/or sampling of the facility's storm water discharge, as determined by the City of Alliance.

3. The City of Alliance shall have the right to require the facility owner/operator to install monitoring equipment as necessary. This sampling and monitoring equipment shall be maintained at all times in safe and proper operating condition by the facility owner/operator at the owner/operator's expense.

All devices used to measure storm water flow and quality shall be calibrated by the City of Alliance to ensure their accuracy.

4. Any temporary or permanent obstruction to safe and reasonable access to the facility to be inspected and/or sampled shall be promptly removed by the facility's owner/operator at the written or oral request of the City of Alliance and shall not be replaced. The costs of clearing such access shall be borne by the facility owner/operator.
5. Unreasonable delays in allowing the City of Alliance access to a facility subject to this regulation for the purposes of illicit discharge inspection is a violation of this regulation.
6. If the City of Alliance is refused access to any part of the facility from which storm water is discharged, and the City of Alliance demonstrates probable cause to believe that there may be a violation of this regulation, or that there is a need to inspect and/or sample as part of an inspection and sampling program designed to verify compliance with this regulation or any order issued hereunder, or to protect the public health, safety, and welfare, the City of Alliance may seek issuance of a search warrant, civil remedies including but not limited to injunctive relief, and/or criminal remedies from any court of appropriate jurisdiction.
7. Any costs associated with these inspections shall be assessed to the facility owner/operator.

#### 939.09 ENFORCEMENT

A. Notice of Violation. When the City of Alliance finds that a person has violated a prohibition or failed to meet a requirement of this regulation, the City of Alliance may order compliance by written Notice of Violation. Such notice must specify the violation and shall be hand delivered, and/or sent by registered mail, to the owner/operator of the facility. Such notice may require the following actions:

1. The performance of monitoring, analyses, and reporting;
2. The elimination of illicit discharges or illegal connections;
3. That violating discharges, practices, or operations cease and desist;
4. The abatement or remediation of storm water pollution or contamination hazards and the restoration of any affected property; or
5. The implementation of source control or treatment BMPs.

B. If abatement of a violation and/or restoration of affected property is required, the Notice of Violation shall set forth a deadline within which such remediation or restoration must be completed. Said Notice shall further advise that, should the facility owner/operator fail to remediate or restore within the established deadline, a legal action for enforcement may be initiated.

C. Any person receiving a Notice of Violation must meet compliance standards within the time established in the Notice of Violation.

D. Administrative Hearing: If the violation has not been corrected pursuant to the requirements set forth in the Notice of Violation, the City of Alliance shall schedule an administrative hearing with the Water Sewer Advisory Board to determine reasons for non-compliance and to determine the next enforcement activity. Notice of the administrative hearing shall be hand delivered and/or sent registered mail.

E. Injunctive Relief: It shall be unlawful for any owner/operator to violate any provision or fail to comply with any of the requirements of this regulation pursuant to O.R.C. 3709.21 1. If a owner/operator has violated or continues to violate the provisions of this regulation, the City of Alliance may petition for a preliminary or permanent injunction restraining the owner/operator from activities that would create further violations or compelling the owner/operator to perform abatement or remediation of the violation.

#### 939.10 REMEDIES NOT EXCLUSIVE

The remedies listed in this regulation are not exclusive of any other remedies available under any applicable federal, state or local law and it is in the discretion of the City of Alliance to seek cumulative remedies.

## Appendix B

### Memorandum of Understanding between the City of Alliance and Stark County [Ohio] Soil & Water Conservation District for Technical Assistance



Upon this 17<sup>th</sup> day of JANUARY, 2020, this Memorandum of Understanding is entered into by and between Stark Soil & Water Conservation District (herein referred to as "the District"), and the City of Alliance (Municipal Separate Storm Sewer System Operator - herein referred to as "the MS4 Operator"). This Memorandum shall be effective for a period of 5 years from the date above and retroactively to 12/31/2019, with no cost increase.

Recognizing the need for effective relationships and assistance in satisfying certain requirements of the MS4 Operator's Ohio EPA National Pollutant Discharge Elimination System (NPDES) Small MS4 Storm Water Discharge Permit (herein referred to as "Small MS4 Permit"):

- Storm water education for the development community and potentially other target audiences per Minimum Control Measure (MCM) 1: Public Education and Outreach on Storm Water Impacts;
- Potential public involvement/participation activities per MCM 2: Public Involvement/Participation;
- Responding to illicit discharges to the MS4 per MCM 3: Illicit Discharge Detection and Elimination within Active Construction sites;
- Storm Water Pollution Prevention Plan (SWP3) reviews, construction site inspections, and enforcement for compliance with storm water quality regulations; and consideration of information submitted by the public (complaint process) per MCM 4: Construction Site Storm Water Runoff Control;
- SWP3 reviews, construction site inspections, post-construction storm water Best Management Practice (BMP) Long-Term Maintenance Plan reviews, long-term post-construction BMP inspections, and enforcement for compliance with storm water quality regulations per MCM 5: Post-Construction Storm Water Management in New Development and Redevelopment;
- Conduct yearly staff training per MCM 6: Good Housekeeping / Pollution Prevention for Municipal Operations
- Assist with any audit completed by Ohio Environmental Protection Agency as it relates to the MS4 Operator's Small MS4 permit;
- Assist with completion of MS4 Operator OEPA Annual Report on a yearly basis; and
- Support the MS4 Operator with any required changes that may take place with either their Storm Water Management Plan or Small MS4 Permit

The MS4 Operator and the District accept this agreement as the document which describes the process for exchange. Cooperation between these two units of government facilitates solutions to problems encountered by the MS4 Operator as it plans for development, conservation of its environment, as well as storm water quality improvements per EPA's mandated requirements.

**What the District will do:**

1. **Review of Storm Water Quality Regulations:** The District will periodically review the MS4 Operator's Storm Water Quality Regulations and advise the MS4 Operator where revisions may need to occur to ensure compliance with MCM 4 and MCM 5 requirements of the current Small MS4 Permit and Ohio EPA Construction Storm Water Discharge General Permit. This assists the MS4 Operator in compliance with certain requirements/expectations of MCM 4 and MCM 5.
2. **Inclusion in Site Plan/Project Review Process:** The District will be included as a part of the MS4 Operator's site plan/project review process when proposed projects will result in the disturbance of at least one acre of land (or less than one acre if part of a larger common plan of development that is greater than or equal to one acre of land-disturbance) in the MS4 Operator's jurisdiction. In such cases, the District will review corresponding SWP3s for compliance with current storm water quality regulations. Approval of SWP3s by the District will be required for overall approval of the site plan/project by the MS4 Operator. This assists the MS4 Operator in compliance with certain requirements/expectations of MCM 4 and MCM 5.
3. **Verification of Notice Of Intent (NOIs) and SWP3 reviews:** The District will review the Ohio EPA NOI Database on a monthly basis to ensure consistency between the number of NOIs for applicable sites within the MS4 Operator's jurisdiction and the corresponding number of SWP3 reviews by the District. This assists the MS4 Operator in compliance with certain requirements/expectations of MCM 4 and MCM 5.
4. **Site Inspections:** Unless inspection priorities and procedures are otherwise documented, the District will routinely inspect (minimum of once per month) all "active sites" in the MS4 Operator's jurisdiction for compliance with storm water quality regulations and prepare inspection reports. "Active sites" are considered those in which an NOI has been filed with Ohio EPA, an SWP3 has been approved by the District, and construction activities are regularly occurring. Copies of all inspection reports will be sent to the MS4 Operator, reporting the status of compliance of the sites with applicable regulations. Such routine inspection and reporting will continue for "active sites" until the District is satisfied of project completion and final stabilization. At such time, the District will notify project representatives that said representative may submit a Notice Of Termination (NOT) to Ohio EPA. This assists the MS4 Operator in compliance with certain requirements/expectations of MCM 4 and MCM 5.
5. **Public Complaint Response:** The District will address public complaints in accordance with Illicit Discharge Detection & Elimination response protocol and pertaining to active sites and BMPs by site investigation, letter, and/or phone call. This assists the MS4 Operator in compliance with certain requirements/expectations of MCM3, MCM 4, and MCM 5.
6. **Record Maintenance:** The District will maintain copies of SWP3s, project plan review and site/BMP inspection correspondence, and post-construction BMP Long-Term Maintenance Plans for applicable projects and BMPs within the MS4 Operator's jurisdiction. The District will require copies of approved SWP3s and Long-Term Maintenance Plans to be submitted to the MS4 Operator's Engineering Department. The

District will also provide copies of plan review and site/BMP inspection correspondence to the MS4 Operator's Engineering Department. This assists the MS4 Operator in compliance with certain requirements/expectations of MCM 4 and MCM 5.

7. **Enforcement:** The District will provide enforcement to the level of authority granted by the MS4 Operator for violations of applicable storm water quality regulations. This assists the MS4 Operator in compliance with certain requirements/expectations of MCM 3, MCM 4, and MCM 5.
8. **Long-Term Post-Construction BMP Inspections:** For sites within the MS4 Operator's jurisdiction in which the District has notified project representatives that said representative may submit a NOT to Ohio EPA, the District will inspect applicable post-construction BMPs on a yearly basis. Accordingly, the District will inform the responsible entity/operator (i.e. the person/parties named in the post-construction Long-Term Maintenance Plan) and MS4 Operator in writing of any required maintenance. The District will require inspection reports from the responsible entity/operator for any "alternative structural BMPs" (manufactured/alternative/proprietary). If applicable maintenance items are not completed by the responsible entity/operator in the timeline given by the District, the District will then notify the MS4 Operator in writing so that the MS4 Operator can take the appropriate actions to ensure the "adequate long-term operation and maintenance of BMPs" that discharge to the MS4 per MCM 5 requirements of the Small MS4 Permit. This assists the MS4 Operator in compliance with certain requirements/expectations of MCM 5.
9. **Storm Water Education for the Development Community:** The District will offer applicable training materials and/or workshops pertaining to construction site runoff control and post-construction storm water quality for local officials, staff, engineers, contractors, developers, and Homeowners Associations who will be responsible for the design, coordination, construction, and/or maintenance of storm water quality BMPs. The District will ensure staff receives appropriate on-going education and training for the latest standards and specifications for construction site and post-construction storm water quality management, as well as other storm water-related topics. This assists the MS4 Operator in compliance with certain requirements/expectations of MCM 1.
10. **Other Storm Water Education:** The District may offer various types of storm water education to the general public or other target audiences, as feasible. If implemented, this may assist the MS4 Operator in compliance with certain requirements/expectations of MCM 1.
11. **Public Involvement/Participation Activities:** The District may conduct various types of storm water-related activities that include public involvement/participation, as feasible. If implemented, this may assist the MS4 Operator in compliance with certain requirements/expectations of MCM 2.
12. **Annual Reporting Information:** At the end of every year, the District will furnish to the MS4 Operator information relating to the District's responsibilities as described herein and as required to complete appropriate sections of the MS4 Operator's Storm Water Management Program Annual Report. This assists the MS4 Operator in compliance with certain requirements/expectations of MCM 1, MCM 2, MCM 3, MCM 4, MCM 5, and MCM 6 as applicable.

**What the MS4 Operator will do:**

1. **Adoption of Storm Water Quality Regulations:** The MS4 Operator will ensure that storm water quality regulations are adopted that are in conformance with requirements of MCM 4 and MCM 5 of the current Small MS4 Permit. This assists the MS4 Operator in compliance with certain requirements/expectations of MCM 4 and MCM 5.
2. **Inclusion of the District in Site Plan/Project Review Process:** The MS4 Operator will include the District as a part of its site plan/project review process when proposed projects in the MS4 Operator's jurisdiction will result in the disturbance of at least one acre of land (or less than one acre if part of a larger common plan of development that is greater than or equal to one acre of land-disturbance). In such cases, the MS4 Operator will ensure that the District receives and reviews corresponding SWP3s for compliance with current storm water quality regulations. The MS4 Operator will not grant overall approval of respective site plans/projects without approval of the SWP3 by the District. This assists the MS4 Operator in compliance with certain requirements/expectations of MCM 4 and MCM 5.
3. **Authorize the District to Perform Inspections:** The MS4 Operator will grant the District authorization to inspect applicable project sites and BMPs within the MS4 Operator's jurisdiction as is necessary in accordance with Illicit Discharge Detection & Elimination response protocol and to ensure compliance with storm water quality regulations, approved SWP3s, and post-construction BMP Long-Term Maintenance Plans. This assists the MS4 Operator in compliance with certain requirements/expectations of MCM 3, MCM 4, and MCM 5.
4. **Authorize the District to Conduct Certain Enforcement Actions:** The MS4 Operator will grant the District authorization to issue a Notice Of Violation (NOV) to project representatives or other responsible parties for violations in accordance with Illicit Discharge Detection & Elimination response protocol and applicable storm water quality regulations and relating to the responsibilities of the District as described herein. This assists the MS4 Operator in compliance with certain requirements/expectations of MCM3, MCM 4, and MCM 5.
5. **Environmental Protection and Consideration of District Recommendations:** The MS4 Operator will recognize the environmental and economic functions of open spaces such as wetlands, stream corridors, flood plains, ravines, woodlands, and open fields as worthy of protection and consider low impact development and less impervious areas as development options. The MS4 Operator will adopt, apply, and enforce District recommendations when the MS4 Operator deems them technically feasible and economically reasonable solutions to resource management and conservation problems. This assists the MS4 Operator in compliance with certain requirements/expectations of MCM 4 and MCM 5.

6. **Direct Development Community to the District:** The MS4 Operator will direct builders, developers, and consultants to the District for assistance in respective planning, conservation, and permitting concerns and questions early in the land development and planning cycle. This assists the MS4 Operator in compliance with certain requirements/expectations of MCM 4 and MCM 5.

**Agreed Procedures:**

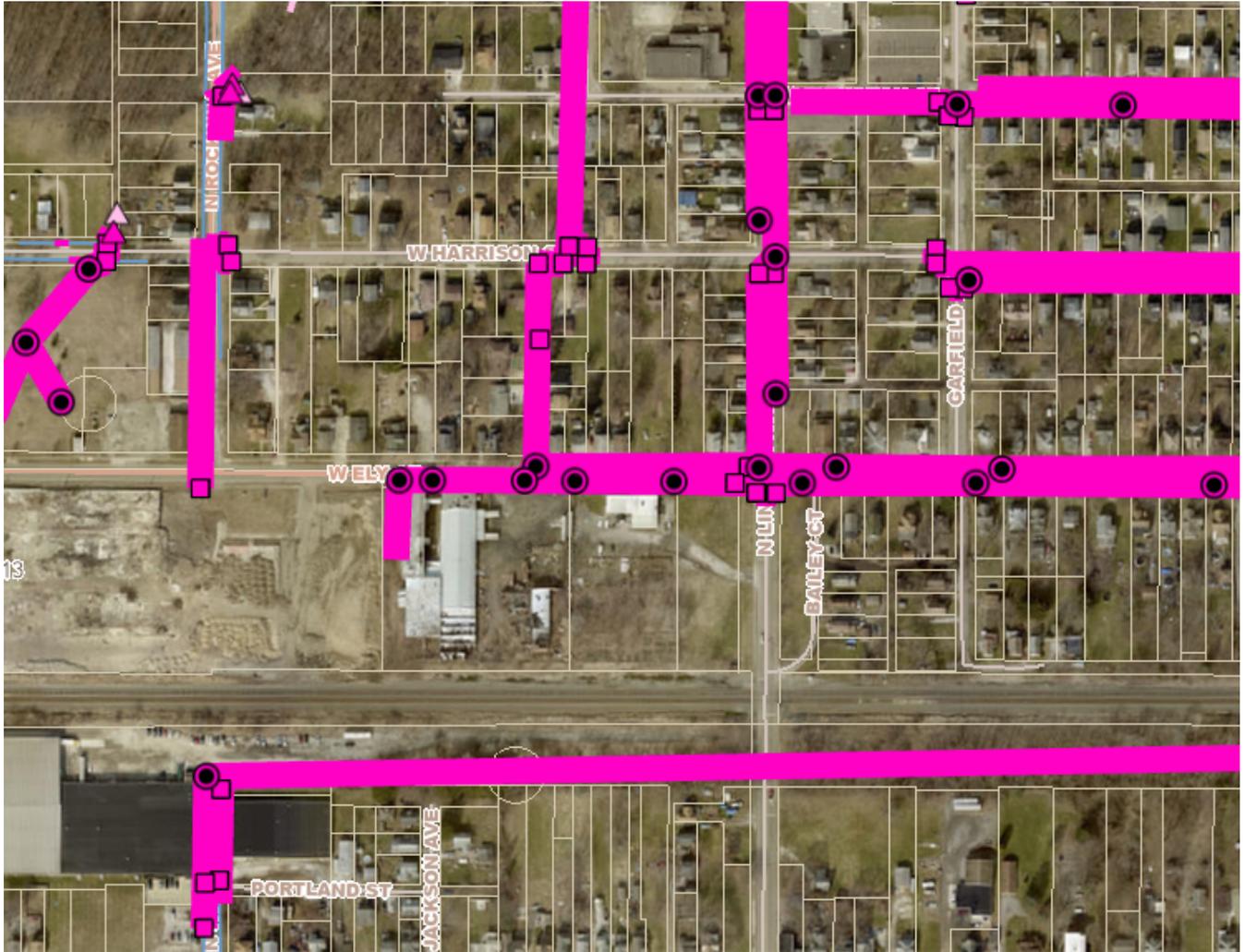
1. The District and the MS4 Operator shall meet yearly to review the effectiveness of this agreement, coordinate individual and joint progress, and exchange information.
2. The MS4 Operator recognizes the District's obligation to make its plan review correspondence, inspection reports, and other written materials available to the public upon request in accordance with the Ohio Public Records Act.
3. The MS4 Operator shall offer the District a yearly conservation appropriation in the amount of **\$5,000.00** at a set rate for **5 years** to support the District's Urban Program. These appropriations will be billed in January of each year and must be paid within 60 days of receipt. In the event that the MS4 Operator's funding source for compliance with this contract ceases for any reason, the MS4 Operator shall notify the District immediately and meet to review funding solutions or terminate the MOU.
4. The District and the MS4 Operator shall ensure that both parties have the same sets of records pertaining to applicable projects. These records include, but are not limited to: site plans, construction plans, SWP3s, Storm Water Management Reports and calculations, and Long-Term Maintenance Plans.
5. This agreement may be amended or terminated at any time by mutual consent of both units of government or terminated by either party giving sixty (60) days notice in writing to the other.

In witness thereof, this Agreement is executed and agreed to on the date entered above by:

<b>MS4 Operator</b>	<b>Stark Soil &amp; Water Conservation District</b>
Name (print) <u>MICHAEL DREGER</u>	Name (print) <u>Ann Wolfe</u>
Signature <u></u>	Signature <u></u>
Title <u>SAFETY SERVICE DIRECTOR</u>	Title <u>Vice-Chair</u>
Date <u>1-17-20</u>	Date <u>2-12-20</u>

All services of the District, ODA and the USDA Natural Resources Conservation Service are offered on a non-discriminatory basis without regard to race, color, national origin, religion, age, marital status or handicap.

Appendix C



## Appendix D

### Alliance Water Distribution Dry-Weather Outfall Screening Form

General Information		
Date:	Time:	Precipitation < 0.1" in last 72 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No
Field Inspector:		
Upstream Land Use: <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Residential <input type="checkbox"/> Other		
Location Description:		

Outfall Description	
Outfall ID Number:	Parcel Number:
Outfall Type: <input type="checkbox"/> Closed Pipe <input type="checkbox"/> Open Channel	
Remarks:	
Vegetation Around Outfall: <input type="checkbox"/> None <input type="checkbox"/> Dead <input type="checkbox"/> Overgrown	
Deposits/Stains/Residues <input type="checkbox"/> None <input type="checkbox"/> Sediment <input type="checkbox"/> White Residue <input type="checkbox"/> Oily	
<input type="checkbox"/> Paint <input type="checkbox"/> Flow Line <input type="checkbox"/> Other : _____	

Field Screening Observation				
Flow description:	<input type="checkbox"/> Trickle	<input type="checkbox"/> Moderate	<input type="checkbox"/> Over Half-Full	<input type="checkbox"/> No Flow
<b>Odor</b>	<input type="checkbox"/> None	<input type="checkbox"/> Sewage	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Petroleum
	<input type="checkbox"/> Ammonia	<input type="checkbox"/> Chlorine	<input type="checkbox"/> Chemicals	<input type="checkbox"/> Other
	<b>Severity:</b>	<input type="checkbox"/> Faint	<input type="checkbox"/> Strong	<input type="checkbox"/> Very Strong
<b>Color</b>	<input type="checkbox"/> Clear	<input type="checkbox"/> Gray	<input type="checkbox"/> Black	<input type="checkbox"/> Orange/Rust
	<input type="checkbox"/> Yellow	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Other
	<b>Severity:</b>	<input type="checkbox"/> Faint	<input type="checkbox"/> Dark	<input type="checkbox"/> Very Dark
<b>Turbidity</b>	<input type="checkbox"/> Clear	<input type="checkbox"/> Cloudy	<input type="checkbox"/> Muddy	<input type="checkbox"/> Other
	<b>Severity:</b>	<input type="checkbox"/> Faint	<input type="checkbox"/> Dark	<input type="checkbox"/> Very Dark
<b>Floatables</b>	<input type="checkbox"/> None	<input type="checkbox"/> Sewage	<input type="checkbox"/> Suds	<input type="checkbox"/> Oil Sheen
	<input type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input type="checkbox"/> Garbage	<input type="checkbox"/> Other
	<b>Severity:</b>	<input type="checkbox"/> Slight	<input type="checkbox"/> Moderate	<input type="checkbox"/> Heavy

Comments:
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# Appendix E

		Andrew Grove	Mayor															
		Mike Dreger	Director															
Jason Hunt	Fire Chief	Akendra X	Police Chief	Doug Hastings	Superintendent, Water Distribution	Josh Zwick	Superintendent, Wastewater Treatment	John Bertolini	Superintendent, Street Department	Kim Cox	Director, Park Department	Marti Steiner	Keep Alliance Beautiful	Amy Elliott	Superintendent, Water Treatment			

## Appendix F

### **Illicit discharge detection and elimination protocol.**

#### Dry weather screening:

A minimum of twenty percent of outfalls will be dry weather screened per year using the City's dry weather screening form, and taking pictures at each site. Source tracking will be performed on any outfall that has flow during the dry weather screening. The storm sewer will be tracked upstream until the source of water has been identified. If the source is found to be an illicit discharge that the City is responsible for it shall be eliminated as soon as possible. If the discharge is traced back to a City of Alliance water/sewer customer the illicit discharge escalation procedure will begin. All outfalls will be dry weather screened during each permit period.

#### Cold weather screening:

A minimum of twenty percent of storm sewer manholes and catch basins will be cold weather screened per year. Screening will be a visual check to see if steam is coming out of the storm sewer. The storm sewer will be tracked upstream until the source of steam has been identified. If the source is found to be an illicit discharge that the City is responsible for it shall be eliminated as soon as possible. If the discharge is traced back to a City of Alliance water/sewer customer the illicit discharge escalation procedure will begin. Use map page numbers to document areas checked each year. All manholes and catch basins will be checked during each permit period.

#### Illicit discharge escalation procedure:

##### 939.09 ENFORCEMENT

A. Notice of Violation. When the City of Alliance finds that a person has violated a prohibition or failed to meet a requirement of this regulation, the City of Alliance may order compliance by written Notice of Violation. Such notice must specify the violation and shall be hand delivered, and/or sent by registered mail, to the owner/operator of the facility. Such notice may require the following actions:

1. The performance of monitoring, analyses, and reporting;
6. The elimination of illicit discharges or illegal connections;
7. That violating discharges, practices, or operations cease and desist;
8. The abatement or remediation of storm water pollution or contamination hazards and the restoration of any affected property; or
9. The implementation of source control or treatment BMPs.

F. If abatement of a violation and/or restoration of affected property is required, the Notice of Violation shall set forth a deadline within which such remediation or restoration must be completed. Said Notice shall further advise that, should the facility owner/operator fail to remediate or restore within the established deadline, a legal action for enforcement may be initiated.

G. Any person receiving a Notice of Violation must meet compliance standards within the time established in the Notice of Violation.

H. Administrative Hearing: If the violation has not been corrected pursuant to the requirements set forth in the Notice of Violation, the City of Alliance shall schedule an administrative hearing with the Water Sewer Advisory Board to determine reasons for non-compliance and to determine the next enforcement activity. Notice of the administrative hearing shall be hand delivered and/or sent registered mail.

I. Injunctive Relief: It shall be unlawful for any owner/operator to violate any provision or fail to comply with any of the requirements of this regulation pursuant to O.R.C. 3709.21 1. If a owner/operator has violated or continues to violate the provisions of this regulation, the City of Alliance may petition for a preliminary or permanent injunction restraining the owner/operator from activities that would create further violations or compelling the owner/operator to perform abatement or remediation of the violation.

#### 939.10 REMEDIES NOT EXCLUSIVE

The remedies listed in this regulation are not exclusive of any other remedies available under any applicable federal, state or local law and it is in the discretion of the City of Alliance to seek cumulative remedies.