

***City of Marysville
NPDES Phase II Ohio Facility Permit 4GQ0025*BG
Program Years 2014-2018
Storm Water Management Plan (SWMP)
Program Update***



The City of Marysville, Ohio

Rev December, 2017

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1.0 Introduction

1.1 Executive Summary

This document outlines the City of Marysville's goals and objectives in implementing and enforcing a Storm Water Management Program (SWMP). The goal of this plan is to reduce pollutants discharged into nearby water systems, to protect water quality and to meet requirements of the Clean Water Act per NPDES Phase II Permit Facility Number 4GQ00025*BG to the "maximum extent practicable".

In order to achieve the maximum extent practicable on pollutant reduction, best management practices (BMP's) are developed to satisfy the six minimum control measures (MCM's) as required by the permit. This SWMP will address the six MCM's with actions anticipated for the permit term from 2014-2018. It will be updated regularly and is seen as a dynamic document. These MCM's include:

- MCM 1 - Public Education and Outreach
- MCM 2 - Public Involvement/Participation
- MCM 3 - Illicit Discharge Detection and Elimination
- MCM 4 - Construction Site Storm Water Runoff Control
- MCM 5 - Post Construction Storm Water Management in New Development and Redevelopment
- MCM 6 - Pollution Prevention/Good Housekeeping for Municipal Operations

This document, revised in December 2017 is an update to the City's Storm Water Management Plan Phase II originally prepared in April 2007. The updates primarily reflect the MS4 requirements that resulted from the new generation NPDES MS4 Permit OHQ000003 issued September 11, 2014 and updates to the City's progress on the MCM's. The revisions proposed are fairly minor.

1.2 Legal Authority

Article 2, Section 2.03, of the City of Marysville's Charter states, "The City shall have all powers of local self-government and home rule possible for a City under the Constitution of the State of Ohio. All such powers shall be exercised and enforced in the manner prescribed by this Charter, or by ordinance and resolution consistent with this Charter, or when not prescribed by either, then in the manner provided by General Laws of Ohio." Therefore, the City has the authority to control the quality of separate storm water discharge to its storm sewer system. The City of Marysville has both the fiscal authority and legal resources to fully implement its storm water management plan.

1.3 Permit Coverage Area

This SWMP covers all areas within Marysville corporation limits, an area of 16.5 square miles and a population of 23,286 (MORPC 2017 estimate). U.S. Routes 33 and 36 pass through the City as well as several State Routes. The City's elevation is approximately 997' above MSL.

1.4 Reporting Requirements

The City of Marysville, in accordance with NPDES Phase II requirements will conduct yearly evaluations of program compliance, the appropriateness of identified BMP's and progress toward achieving identified measurable goals and satisfying performance standards. The City retains copies of reports required by this permit, a copy of the NPDES permit itself and records of pertinent data. These records are kept in the office of the City Engineer. These are public records, and as such will be made available to the public upon receipt of request.

Annual reports are submitted on April 1 following the end of each year of the permit cycle. The Ohio EPA provided format is used. The reports include:

- Table of Organization for program development and implementation, with primary contact information.
- The status of compliance with the permit conditions and performance standards, assessment of the appropriateness of Minimum Control Measures (MCMs), assessment of achievement of the goals, progress toward reducing the discharge of pollutants to the maximum extent practical (MEP) and the measurable goals for each of the six required MCMs. The report includes summaries of the specific annual reporting requirements identified for each MCM.
- Results of information collected and analyzed during the reporting period, including monitoring data used to assess the success of the program.
- A summary of the storm water activities the City plans to undertake during the next annual reporting cycle, including a planned implementation schedule.
- Any proposed changes to the City's SWMP including changes to any BMP's or any identified measurable goals that apply to the program elements.
- The annual reports will be signed by the City Engineer, or his designated authorized representative. Authorization of a representative must be only for a person having responsibility for the overall operation of the regulated facility or activity, and will be submitted to the Ohio EPA.

1.5 Implementation Responsibilities

The City Engineer will serve as the administrator of Marysville's storm water program and is the primary contact. Several departments across the City's organizational structure may be affected and coordination is critical to facilitate permit compliance. The City also intends to continue to work with the Union County Soil & Water Conservation District (Union County SWCD) and the Union County Health Department on aspects of the permit program. The Kleingers Group will serve as the City's consultant for the storm water program.

2.0 Storm Water Management Program

The SWMP outlines the six minimum control measures (MCM's) which are expected to result in reduction of pollutants discharged by the City of Marysville to the maximum extent practicable. The six MCM's will address the identified water quality pollutants.

2.1 Minimum Control Measure 1 – Public Education and Outreach

The City of Marysville will continue to use a mix of BMPs to address MCM 1. This MCM will target homeowners, school children, commercial/industrial business owners (including restaurants), developers, consultants, contractors and the general public with educational materials. The City is not known to have major problems with pollutants contained in storm water runoff, however, it is understood that public outreach helps counteract increased impacts on the quality of the environment within its corporation limits as growth and development occur.

Now that the Marysville MS4 program has been in place and the new generation permit is issued, the City has chosen to modify its MCM1 activities to focus its resources in a more targeted way to key audiences with multiple specific messages as required by the permit. This approach would be expected to be more impactful and cost effective than the previous approach due to its targeted nature. This plan is reflected in Table 1 – MCM 1 (Public Education and Outreach).

Resources available to the City to apply toward this effort include a City website. There are also methods of direct distribution of materials that may be employed for MCM 1 through City offices and via community leadership (civic) organizations. As practical, the City of Marysville may also participate in local festivals or events with booths of informational brochures and literature being distributed and displayed. This may be part of MCM 1 or MCM 2.

The City of Marysville School District will also be targeted with MCM 1 activities. The Union County Soil and Water Conservation District (USWCD) will be available to help in the implementation of this measure with classroom presentations regarding storm water runoff and proper pollution prevention and other programs they currently offer.

TABLE 1 – MCM 1 (Public Education and Outreach) PERMIT PLAN

BMP (mechanism) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	% of Target Audience to be Reached	Summary of Planned Activities	Proposed Schedule
Distribute educational Information for local public education - hard copy media Marysville Public Service Dept.	# of brochures passed to the public through flyers, brochures, utility billing inserts to build awareness of Storm Water and Water Quality benefits within the Marysville area	1. Storm Water Management Plan (6 MCMS) 2. Water quality 3. Storm water management regulations and permitting 4. Illicit Discharge, Detection and Elimination 5. Home Sewer Treatment Systems	Residents, Developers, Commercial/Industrial Businesses, Consultants	To the Maximum Extent Practical	The SWMP available to public at City offices and linked (hard copy media) on web page (internet media) Targeted brochure Utility billing inserts	Once/year brochures; quarterly billing inserts
Distribute educational Information for local public education - digital media Marysville Public Service Dept., Marysville IT Manager		# of website hits; Build Awareness of Storm Water and Water Quality Benefits within the MS4 through City's web page and Facebook page	1 Storm Water Management Plan 2 Water quality 3 Storm Water management regulations and permitting 4 Illicit Discharge, Detection and Elimination 5 Home Sewer Treatment Systems	All web site visitors. Two primary focused groups would be residents and developers / consultants Remaining themes would mimic the hard copy info	To the Maximum Extent Practical	Web site improvement to include the general public and the development community; keep regs/permits current and post brochures Post scrolling messages on local cable channel Post storm water info on City lobby digital screens Post information on current City FB page
Educational Curriculum Material in City School System Marysville Public Service Dept., USWCD	# of attendance; Elementary/Middle School Classroom Education	1 Storm Water Management Plan 2 Water quality 3 Litter 4 Pet Waste 5 Car Washing	Providing storm water education at schools reaches not only to students but parents also	To the Maximum Extent Practical	Partner with USWCD to implement storm water-related programs for the classroom – themes will be as appropriate, possibly based on those in the themes column	Ongoing – minimum once annually
Community Meetings City Engineer	# of attendance; Provide storm water education information to local community groups (e.g – Lions or Rotary)	Storm Water Master Plan, Water Quality, IDDE	Businesses Owners and Community Leaders	To the Maximum Extent Practical	Lunch presentation with "take away" literature	Ongoing – once annually

2.2 Minimum Control Measure 2 - Public Involvement / Participation

The City of Marysville continues its commitment to increasing public involvement and participation as one of the key components of its SWMP. The more public involvement that can occur in the early stages, the less chance the City takes in dealing with potential future challenges.

Methods and BMPs noted in previous plans included website availability with an online complaint system, watershed group meetings, citizen watch groups and an annual stream clean up. The City proposes to modify the previous MCM 2 BMP by employing a defined and more focused approach. An effort will be made to continue a stenciling program with volunteers and an annual stream cleanup will remain in the plan.

TABLE 2 – MCM 2 (Public Involvement/Participation) PERMIT PLAN

BMP (Activity) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	Estimate of People to Participate	Summary of Planned Activities	Proposed Schedule
Stream Clean Up Event Marysville Public Service Dept., USWCD w/local partnerships	# attendees; use clean up event to not only improve the performance and aesthetics of drainageways w/volunteer effort but provide a direct visual on the connection between pollutants and local streams	Make residents aware of the connection between the storm system, neighborhood streams and the path of storm water runoff/pollution carried with it from lawns/streets	Residents	To the maximum extent practical	Annual stream clean up event; provide opportunity for hands on clean up as well as table w/brochures and questions/answers	Annual
Public Input Marysville Public Service Dept., Marysville IT Manager	# of website hits; Maintain availability of the City's SWMP to the public and allow opportunity for input and comment on the plan – hard copy and website.	Storm Water Master Planning, how it affects YOU	Residents and businesses	To the maximum extent practical	Announce (on web site and in council meetings) that a copy of the storm water management plan is available for public comment; make the plan available for public comment.	Ongoing
Storm Drain Inlet Stamping / Marking Marysville Public Service Dept.	# of volunteers/inlets marked; Use volunteer groups to stenciling drains; record number of drains marked and number of participants	Make residents aware of the connection between the storm system, neighborhood streams and the path of storm water runoff/pollution carried with it from lawns/streets	Residents	To the extent practical which should include both residents living near marked drains AND volunteers	Continue to mark significant system drains have been marked within the MS4	Annual

2.3 Minimum Control Measure 3 - Illicit Discharge Detection and Elimination (IDDE)

MCM 3 BMPs and activities outlined here are generally similar as outlined previously. This control measure will continue to involve City staff, the Union County Health Department and possibly consulting engineers. The City of Marysville has minimized the potential of illicit discharges to the storm water system through implementation of appropriate ordinances and the ownership and operation of a centralized sanitary sewer system. The control of illicit discharges is a part of City Code, Sections 921 and 937. This Section includes Marysville's storm water policies to date.

However, the City has storm sewers that may be susceptible to illegal dumping or unintentional contamination issues, such as car washing, oil and grease from restaurants, pet waste and household chemical spills. The City will work to locate pollutant problems through citizen complaints, visual screening and visual assessment in dry weather conditions. The OEPA has completed TMDL's for the Mill Creek (Scioto) watershed and the Big Darby Creek (Scioto) watershed. The City of Marysville has committed financial and staff resources in the development of the Bokes/Mill Creek Watershed Inventory Action Plan.

Although many developments within the City are served by public water and sewer systems, some lots in more rural type areas with home sewer treatment systems (HSTS). These systems are regulated and approved by the Union County Health Department (UCHD). The UCHD will be a key resource in identifying the locations of properly permitted HSTS, whether they outfall to the MS4, and their ongoing monitoring results.

As part of this plan, the City will work closely with the UCHD to locate possible HSTS that due to their age may have not been properly permitted in the past. The City will work to the maximum extent practical with the UCHD to coordinate actions to ensure that systems are being monitored on a systematic basis and follow-up steps are taken to ensure illicit discharges to the MS4 are not occurring due to failed septic systems.

The City of Marysville has completed an inventory of known storm water structures and point source discharges and will continue to update it as necessary. The City has created ordinances relative to prohibiting non-storm water discharges into its storm water system and will continue to modify them as necessary. This will include the enforcement and penalties associated with violations of these policies. The City must continue to explore whether it can establish policing authority allowing staff to enter parts of private property in order to alleviate and eliminate pollutant problems that may be illegally occurring along water ways.

As required by permit, annual reports will include progress on each of the MCM activities, as well as provide available data including: the number of outfalls dry-weather screened, the number of dry-weather flows identified, the number of illicit discharges identified, the number of illicit discharges eliminated, schedules for continued elimination of illicit connections that have been identified but have yet to be eliminated and a summary of updates to the storm sewer system mapping. Strategies and measurable goals that will be implemented for this control measure during the permit term are shown in Table 3 – MCM 3 (Illicit Discharge Detection and Elimination (IDDE)).

TABLE 3 – MCM 3 (Illicit Discharge Detection and Elimination (IDDE)) PERMIT PLAN

MCM 3 BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
<p>Ordinance or Other Regulatory Mechanism</p> <p>Marysville Public Service Dept., USWCD</p>	<p>Maintain/enforce City Policies and Procedures</p>	<p>Enforce the illicit discharges ordinance; especially when there is a complaint or potential illicit discharge noticed</p>	<p>Ongoing</p>
<p>Storm Sewer System Map</p> <p>Marysville Public Service Dept.</p>	<p>Maintain storm system inventory that locates outfalls including catch basins, pipes, ditches, flood control facilities, and post construction best management practices</p>	<p>Update and maintain storm water system information from more accurate field data, tile maps, development/CIP projects; add BMP's and HSTS</p>	<p>Ongoing</p>
<p>HSTS Mapping and List</p> <p>Marysville Public Service Dept., Union County Health Department, USWCD</p>	<p>Develop a list showing addresses and the parcel ID's as available of all HSTSs and develop a map of on-site sewage disposal systems within the City</p>	<p>Perform records search and obtain a list of on-site sewage disposal systems from the Board of Health.</p> <p>Map the location of all known home sewage treatment systems connected to the City's MS4 on GIS system.</p> <p>Continue to update the map and list of HSTSs as information becomes available.</p>	<p>Ongoing</p>
<p>IDDE Plan</p> <p>Marysville Public Service Dept.</p>	<p>Develop an IDDE plan to prioritize methods to detect/eliminate illicit discharges</p>	<p>Work with Board of Health to identify priority areas that have significant sources of pollutants.</p> <p>Develop an on-going IDDE plan and schedule that prioritizes illicit discharges for detection and elimination.</p> <p>Develop a schedule of eliminating illicit connections to the storm sewer system.</p>	<p>Ongoing</p>
<p>Dry-Weather Screening of Outfalls</p> <p>Marysville Public Service Dept., USWCD</p>	<p>Utilize Dry weather screening information from within the City per the IDDE Plan developed in above listed BMP</p>	<p>Collect water quality samples from all questionable outfalls for testing.</p> <p>Identify potential sources of pollution.</p> <p>Include this information in the City's system inventory.</p>	<p>Sampling in 2017; ongoing elimination</p>

2.4 Minimum Control Measure 4 - Construction Site Runoff Control

The City of Marysville reviews construction storm water and grading plans prior to allowing construction to commence. The City Engineer and his staff check the adequacy of construction site runoff control as part of the site plan review process. The City recognizes that sediment laden runoff from construction sites, if unchecked, can deposit more in a stream than would be deposited there over the course of decades from other land use types. The resulting siltation, and other pollutants, can cause physical, chemical and biological harm to waterways.

The City Engineer contracts with USWCD's staff to perform the required on-site inspections during all phases of construction or any development affecting more than 1 acre of land disturbance. Per OEPA requirements, these are to occur at a minimum at construction onset and at least monthly thereafter. The City has adopted regulations within its Codified Ordinances requiring storm water management plans and construction activity that control erosion and sedimentation. The ordinances have been modified to be consistent with the most recent generation OEPA Construction General Permit.

Strategies and measurable goals that will be implemented for this control measure during the permit term are shown in Table 4 – MCM 4 (Construction Site Runoff Control). Each annual report for this MCM includes and documents the number of applicable sites in the City of Marysville, the number of pre-construction storm water pollution prevention plan reviews performed, the number and frequency of site inspections, the number of violation letters issued, the number of enforcement actions taken and the number of complaints received and number followed up on. This information is provided for the report by City Staff and reflected in the standard format report.

TABLE 4 – MCM 4 (Construction Site Runoff Control) PERMIT PLAN

MCM 4 BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Ordinance or Other Regulatory Mechanism	Maintain/enforce City Ordinances	Maintain the implementation of ordinance.	Ongoing
Marysville City Council, Administration, Public Service Dept., USWCD			
Sediment and Erosion Control Requirements	Maintain/enforce City Ordinance 938	Maintain the implementation of ordinance.	Ongoing
Marysville Public Service Dept., USWCD			
Complaint Process	Implement tracking of complaints.	Develop a system for receiving and processing complaints received on a project specific basis as received by the engineering dept. (phone/email).	Ongoing
Marysville Public Service Dept.			
Site Plan Review Procedures	Create a plan review checklist to ensure consistent and accurate reviews by staff meeting OEPA requirements.	Track the number of site plans reviewed.	Ongoing
Marysville Public Service Dept.			
Site Inspection Procedures	Ensure construction sites are inspected to ensure compliance with SWP3's.	Track the number of construction sites within the City, the number of inspections performed, and the average frequency of inspections.	Ongoing
Marysville Public Service Dept., USWCD			
Enforcement Procedures	Enforce City regulations.	Enforce City ordinances and regulations for all construction activity that disturbs one or more acres. Notify responsible party of any non-compliance and follow enforcement procedures.	Ongoing
Marysville Administration and Public Service Dept			

2.5 Minimum Control Measure 5 - Post-Construction Storm Water Management in New Development and Redevelopment

The City proposes to address the post-construction storm water management in new development and redevelopment with structural and non-structural BMPs. As part of this minimum control, the City seeks to effectively manage the amount of impervious cover within its system, increase natural land set aside for riparian buffers and stream maintenance and to enhance existing storm water practices through inclusion of water quality components.

The City's Storm Water Drainage Manual is presently formulated to address water quality issues. The manual outlines the controls necessary to control peak flow rates from the post peak development condition to the peak flow rates of the preconstruction condition. The City has experienced significant growth in the last several years. For the initial 5-year permitting program, the City focused primarily on polices to address new development. Since that time, the City drafted new policies governing storm water retention/detention basins, stream protection and operation and maintenance policies (post- construction).

The City reviews and recommends the use of either detention or retention controls as appropriate with any new development to help control the rate at which water discharges off site, in compliance with the water quality standards of the OEPA NPDES permit. The City has updated its storm water management regulations and ordinances to address the management of post-construction runoff, to meet or exceed the technical requirements of the OEPA NPDES General Construction Permit.

Strategies and measurable goals that will be implemented for this control measure during the permit term are shown in Table 5 – MCM 5 (Post-Construction Storm Water Management in New Development and Redevelopment).

Annual reporting on MCM 5 by the City of Marysville will include the number of applicable sites within the City requiring post-construction controls, the number of pre-construction storm water pollution prevention plan reviews performed, the number of inspections performed to ensure as built per requirements are met, the number of long-term operation and maintenance (O&M) plans developed and the number of agreements in place.

TABLE 5 – MCM 5 (Post-Construction Storm Water Management in New Development and Redevelopment) PERMIT PLAN

MCM 5 BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
<p>Ordinance or Other Regulatory Mechanism</p> <p>Marysville City Council, Administration, Public Service Dept., USWCD</p>	<p>Maintain/enforce City ordinances.</p>	<p>Educate the development community as practical</p> <p>Coordinate the implementation of ordinance.</p>	<p>Ongoing</p>
<p>Post-Construction Requirements</p> <p>Marysville Public Service Dept.</p>	<p>Maintain/enforce City ordinances.</p>	<p>Continue to educate development community regarding approved BMPs</p> <p>Continue to review and evaluate BMP alternatives</p>	<p>Ongoing</p>
<p>Site Plan Review Procedures</p> <p>Marysville Public Service Dept.</p>	<p>Maintain/enforce City storm water management regulations.</p>	<p>Review every site plan for post construction requirements.</p> <p>Meet with developers and engineers during design process to encourage the use of non-structural BMPs / green infrastructure.</p> <p>Report the number of sites / plans reviewed.</p>	<p>Ongoing</p>
<p>Site Inspection Procedures</p> <p>Marysville Public Service Dept., USWCD</p>	<p>All post construction (structural and nonstructural) BMPs will be inspected prior to acceptance of the project by the City to ensure the BMPs are functioning properly. The City or USWCD perform inspections.</p>	<p>Develop an inspection schedule for structural and nonstructural BMPs.</p> <p>Report the number of sites inspected, number of inspections performed, and average frequency of inspections.</p>	<p>Ongoing</p>
<p>Enforcement Procedures</p> <p>Marysville Public Service Dept.</p>	<p>Enforce Chapter 937-Storm water management with the City's code</p>	<p>Enforce ordinance and follow up per regulations when necessary which could mean violation letters, etc.</p>	<p>Ongoing</p>
<p>Long-Term O&M Plans/Agreements</p> <p>Marysville Public Service Dept.</p>	<p>Develop O&M plan as part of the site plan review procedures and enforce moving forward.</p>	<p>Develop/adopt O&M requirement.</p> <p>Enforce the requirement within the ordinances that requires projects to have and an operations and maintenance plan identifying responsibility for private BMP O&M.</p> <p>Report the number of sites with agreements.</p>	<p>Ongoing</p>

2.6 Minimum Control Measure 6 - Pollution Prevention / Good Housekeeping for Municipal Operations

The City of Marysville does not have a formalized program specifically focused on storm water management for City employees. However, the City has started various programs that dovetail well with the goals of this MCM. Appropriate measurable goals for this minimum control largely reflect a gathering of existing information and the formalizing of procedures now in place. The City will continue / improve its efforts to prevent or reduce pollution from its municipal operations by several methods including:

- Routine maintenance of City vehicles will include inspection for leaks. Vehicle maintenance and washing will be conducted indoors whenever possible.
- City vehicle and equipment storage will be conducted in accordance with appropriate BMPs and Municipal facility SWP3s will be maintained as required.
- The Street Department will monitor and track its application of salt distributed along roadways during snow emergencies. As a matter of budget, the City attempts to minimize the amount of salt used.
- The City will continue training programs for street and utility personnel once per year. This practice will be continued as required per permit.
- City Parks and Grounds Department will minimize pest control and herbicide use on City owned properties, including City Parks.
- Any flood management projects proposed in the future (none are currently planned) to be carried out in or by the City will automatically be assessed for impacts on water quality during the review of the project by the City Engineer. They will conduct hydrologic analysis and review the scope of the project for the need for any additional water quality protection devices or practices and recommend those as appropriate.

Strategies and measurable goals that will be implemented for this control measure during the permit term are shown in Table 6 – MCM 6 (Pollution Prevention / Good Housekeeping for Municipal Operations).

Each year the annual report shall include documentation and summary of employee training programs-the number of employees and others attended and a summary of activities implemented for the City's operation and maintenance program each year.

TABLE 6 – MCM 6 (Pollution Prevention / Good Housekeeping for Municipal Operations) PERMIT PLAN

MCM 6 BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Employee Training Program	# staff trained; Train key staff on issues related to MS4 permit in general, possible emphasis on MCMs #3 and #6	Conduct In-house training of appropriate staff.	Annual training and ongoing distribution of materials
Marysville Public Service Dept., USWCD		Distribute storm water information to employees	
List of Facilities Subject to Program	Maintain/review SW3Ps for subject facilities	Maintain and review SW3Ps	Ongoing
Marysville Public Service Dept			
MS4 Maintenance	Maintain ongoing schedule for MS4 maintenance; incorporate pollution prevention and good housekeeping techniques at municipal facilities; ensure storm structures are maintained.	Develop schedule for cleaning catch basins.	Ongoing
Marysville Public Service Dept		Summarize maintenance activities in the annual report.	
Disposal of Wastes	Properly manage and dispose of wastes	Maintain annual list of wastes disposed.	Ongoing
Marysville Public Service Dept		Document how wastes are disposed with amounts.	
Road Salt	Properly apply salt in a way that minimizes usage	Document tons of salt used each year.	Ongoing
Marysville Public Service Dept			
Pesticide & Herbicide Usage	Properly manage use of pesticides and herbicides.	Record existing pesticide and herbicide procedures.	Ongoing
Marysville Public Service Dept		Document amount of pesticide and herbicide used. Develop procedures for reducing pesticide and herbicide use.	
Fertilizer Usage	Decrease use of fertilizer.	Document general areas where fertilizer is applied.	Ongoing
Marysville Public Service Dept		Document amount of fertilizer used. Develop procedures for reducing fertilizer usage.	
Street Sweeping	Minimize trash, grits and other pollutants in the street which may be transferred to the storm sewer system.	Record amount of material collected and disposed.	Ongoing
Marysville Public Service Dept			
Flood Management Projects	Ensure storm water management is considered for all flood management projects.	Incorporate water quality protection devices.	Ongoing
Marysville Public Service Dept			