



Village of Alsip

IEPA NPDES General Permit No. ILR40-0279

Storm Water Management Program (SWMP)

August 1, 2025 – July 31, 2030

For discharges from Small Municipal Separate Storm Sewer Systems (MS4)

July 2026

Primary MS4 Contact:	
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Others responsible for implementation / coordination of Stormwater Management Program:			
Name:	Susan Quasney, CFM	Name:	
Title:	Project Engineer	Title:	
Phone:	815-412-2024	Phone:	
Area of Responsibility:	MS4 Reporting	Area of Responsibility:	

This stormwater management program has been designed in accordance with the National Pollutant Discharge Elimination System to reduce the discharge of pollutants from the MS4, to protect water quality, and to satisfy the appropriate water quality requirements of the Illinois Pollution Control Board Rules and Regulations (35 Ill. Adm. Code, Subtitle C, Chapter 1) and the Clean Water Act.

Prepared by



General Information

Population: 19,071 (based on 2020 census)

County: Cook

QLP: N/A

Area of land within MS4: 6.3 square miles

Watershed Group Participation:

The Village actively participates in the Cal Sag Watershed Planning Council.

Pesticides permit number: N/A

Receiving Waters Information:

Waterbody (within MS4 area)	303d Status	TMDL Status	WLA Status	Pollutants of Concern
Calumet Sag Channel (IL_H-02)	Yes EPA Final Action	Yes	N/A	Mercury, Polychlorinated Biphenyls, Fecal Coliform
Mosquito Creek (IL_HI)	No EPA Final Action	N/A	N/A	N/A
Stony Creek East (IL_HJ)	No EPA Final Action	N/A	N/A	N/A
Tinley Creek (IL_HF-01)	No EPA Final Action	N/A	N/A	N/A

*Refer to the NOI for full list of Waterbodies within MS4 plus 3 miles.

WLA Status:

At this time, no TMDLs or WLAs have been established for the Village.

Control Measures to reduce chlorides in receiving streams:

The Village/City has a written snow and ice control plan to minimize chloride concentrations in stormwater runoff.

The Village also participates in a watershed group to assist with chloride reduction strategies.

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Summary of Minimum Control Measures

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MCM Category 1: Public Education and Outreach

Pollutants of concern within the watershed can be found on Page 2

BMP ID	BMP	Responsible Dept/Person	Target Audiences	Details of Activities 2025-2030	Measurable Goal(s)
A.1	Distributed Paper Material - Residential	Public Works	Residents / Homeowners Associations	Website, newsletters, and social media utilized to educate residents about topics that can directly impact the quality of stormwater, with emphasis on: - Types of soaps, solvents, or detergents used in the outdoor washing of vehicles, furniture, and other property - Minimizing winter de-icers - Tips for preventing pollutants entering storm sewers	Educate residents on minimizing pollutants within the stated topics through distributed paper material.
A.1	Distributed Paper Material - Commercial/ Industrial	Public Works	Businesses	Website, newsletters, and social media are utilized to educate businesses about topics that can directly impact the quality of stormwater, with emphasis on: - Minimizing winter de-icers - Proper storage and disposal of waste products - Lawn care and minimization of fertilizers	Educate commercial and industrial property owners on minimizing pollutants within the stated topics through distributed paper material.
A.4	Community Event	Public Works	Residents and Businesses	Stormwater flyers are passed out at a number of community invents, including the Business and Community Expo, National Night Out, and Village Clean-up Day.	Use community events as an opportunity to pass out stormwater information and answer questions.
A.6	Other Public Education - Illicit Discharge	Public Works	Property Owners	Residents and businesses are educated about illegal discharges and the importance of correcting them promptly, the importance of proper disposal of waste, and encouraged to report concerns through the Village website.	Raise awareness of illicit discharge among property owners.
A.6	Other Public Education - Climate Change	Public Works	Visitors to website	Website links are provided to vistors that address the potential impacts and effects on stormwater discharge due to climate change.	Raise awareness of the potential impacts on stormwater discharge due to climate change.

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A.6	Other Public Education - Green Infrastructure	Public Works	Visitors to website	Website links are provided that include green infrastructure strategies to promote infiltration, evaporation, or reuse. Included is information on how to implement strategies as well as the benefits, cost savings, and guidance on how to implement strategies.	Raise awareness of the positive effects of green infrastructure on stormwater.
A.6	Other Public Education - Website	Public Works	Visitors to website	The municipal website hosts MS4 documents and general stormwater information, including the last five years of Annual Reports, the current NOI and SWMP, a phone number for property owners to call with questions or concerns, and links to other stormwater resources.	Educate general public about the NPDES program and the related MS4 responsibilities.
A.6	Other Public Education - Social Media	Public Works	Visitors to Facebook	Facebook is used with the goal of increasing awareness of programs that will reduce the potential for pollutants.	Post seasonally appropriate topics to increase awareness and participation in pollution prevention activities.

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MCM Category 2: Public Involvement/Participation

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BMP ID	BMP	Responsible Dept/Person	Target Audiences	Details of Activities 2025-2030	Measurable Goal(s)
B.3	Stakeholder Meeting - Watershed Group	Public Works	Groups within Watershed	The MS4 falls within the Cal Sag watershed; staff attends watershed workgroups, as schedule allows.	Be aware of specific pollutant concerns and tailor BMPs to support watershed goals.
B.4	Public Meeting	Public Works	[Village Board, Attendees of Village Board Meeting]	A public meeting is held annually at a Village Board Meeting including description of program requirements and examples of specific measures in place. The public is allowed to comment on or ask questions about the permittee's MS4 program. Ensure the agenda and minutes reflect the presentation and public comment.	Promote awareness of the NPDES program and provide an opportunity for public involvement.
B.6	Program Involvement - Environmental Justice	Public Works	All property owners in MS4	Environmental justice areas have been identified within the MS4 and are available on the MS4 website; modifications to the program are considered regarding appropriate public involvement/participation.	Prepare summary of environmental justice area research; modify outreach materials or other program components to ensure all residents can participate and/or benefit from the program equally.
B.6	Program Involvement - Clean Up	Public Works	All residents in MS4	The Village facilitates and provides volunteers to clean up the Cal-Sag on Friends of the Chicago River's Chicago River Day.	Promote awareness of IDDE and encourage participation to remove solids and related pollutants from entering waterways.
B.7	Other Public Involvement - Regular Waste	Public Works	All property owners in MS4	Services are available to all properties for curb side collection of regular waste, yard waste, and recyclables to remove debris and litter from properties and waterways. Information is posted on the website.	Encourage participation to ensure proper disposal of residential waste.
B.7	Other Public Involvement - Specialty Waste Services by MS4	Public Works	All property owners in MS4	Services are available for curbside pickup of branches, post storm event, and Christmas trees.	Facilitate/encourage participation in programs to prevent dumping in waterways or watershed.

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MCM Category 2: Public Involvement/Participation
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BMP ID	BMP	Responsible Dept/Person	Target Audiences	Details of Activities 2025-2030	Measurable Goal(s)
B.7	Other Public Involvement - Specialty Waste Services by Others	Public Works	All residents in MS4	Promote recycling and other events sponsored by outside groups and agencies to reduce waste and household products from entering the waterways and/or watershed such as household hazardous waste, batteries, and prescriptions.	Facilitate/encourage participation in additional recycling services and collection events to reduce these materials going to landfills.
B.6	Program Involvement - Rain Barrels	Public Works	All residents in MS4	Promote rain barrel program through the MWRD, etc. to encourage stormwater reuse.	Promote rain barrel purchase to encourage stormwater collection and reuse.
B.7	Other Public Involvement - Garage Sales	Mayor's office	Residents and Shoppers	Promote annual Village-wide garage sale event [on website, social media, and newsletter.	Encourage participation to reduce materials placed in a landfill.

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MCM Category 3: Illicit Discharge Detection and Elimination

Pollutants of concern within the watershed can be found on Page 2

BMP ID	BMP	Responsible Dept/Person	Details of Activities 2025-2030	Measurable Goal(s)
C.1	Storm Sewer Map Preparation	Public Works	A storm sewer system map shows the location of all outfalls and the names and location of all waters that receive discharges from those outfalls. Storm sewer map will be updated to include any modifications to the sewer system.	Annual assessment of the storm sewer map for needed modifications; update map, if needed.
C.1	Storm Sewer Map Preparation - Priority Outfalls	Public Works	A map showing outfalls can be provided that includes the MS4 boundary and identifies priority outfalls.	Annual assessment of the priority outfall map for needed modifications; update map, if needed.
C.2	Regulatory Control Program	Public Works	Non-storm water discharges into the storm sewer system are prohibited through ordinance. The ordinance addresses illegal dumping, releases, spills, any surface discharging private sewage disposal system, and other unpermitted discharges to the separate storm sewer system, and includes enforcement authority.	Implement and enforce regulatory control mechanisms to reduce illicit discharges, as needed.
C.3	Detection/ Elimination Prioritization Plan	Public Works	The Center for Watershed Protection (CWP) Guidance Manual is used to detect and eliminate illicit discharges, when required. Ensure prompt action and reporting.	Implement and enforce detection/elimination procedures, as needed. Potentially remove pollutants.
C.4	Illicit Discharge Tracing Procedures	Public Works	The CWP Guidance Manual is used for tracing the source of illicit discharges and/or pollutants detected at outfalls. Ensure prompt action and reporting of tracing efforts. Implement procedures, as needed.	Implement and enforce tracing procedures, as needed. Potentially remove pollutants.
C.5	Illicit Source Removal Procedures	Public Works	Written procedures have been established the CWP Guidance Manual is used for the disconnection and removal of other illicit discharges, when required.	Implement and enforce removal procedures, as needed. Potentially remove pollutants.
C.7	Visual Dry Weather Screening	Public Works	Visual inspections of all storm sewer outfalls are performed twice yearly in dry weather conditions for detection of non-stormwater discharges and illegal dumping. Follow up with maintenance, as needed.	Inspect priority outfalls annually; inspect a portion of all other outfalls each year. Potentially remove pollutants.
C.8	Pollutant Field Testing	Public Works	The CWP Guidance Manual is used to evaluate the effectiveness of the BMPs being implemented to reduce pollutant loadings and water quality impacts. Stormwater discharges are periodically visually inspected for color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen, or other obvious indicators of storm water pollution. In addition, the MWRD monitors the water quality of the Cal-Sag Channel and other Cook County waterways.	Perform regular [visual monitoring or field testing] to identify water quality issues and rank areas for implementation priority. Potentially remove pollutants.

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MCM Category 3: Illicit Discharge Detection and Elimination
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BMP ID	BMP	Responsible Dept/Person	Details of Activities 2025-2030	Measurable Goal(s)
C.9	Public Notification	Public Works	The public can be alerted through the Code Red system when there is indication of an illicit discharge and can be solicited to call in with additional information.	Widen oversight to include the public.
C.10	Other Illicit Discharge Controls - Public Reporting	Public Works	If property owners observe illicit discharges or have other stormwater related concerns, they can call the Public Works Department; the phone number is included on the website.	Receive and respond to concerns from property owners. Potentially remove pollutants.
C.10	Other Illicit Discharge Controls - Coordination with adjacent MS4	Public Works	If illicit connections or illicit discharges are observed related to another operator's municipal storm sewer system, notify the other operator within 7 calendar days of discovery. If another MS4 operator notifies of an illicit discharge, the discharge shall be removed within 7 calendar days of discovery. Cooperate and participate in removal efforts with other MS4 as needed/appropriate.	Notify adjacent jurisdictions of illicit discharges affecting their systems; cooperate and participate in removal efforts.

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MCM Category 4: Construction Site Runoff Control

*See Page 2 of the SWMP for any pollutants of concern within the watershed(s).

BMP ID	BMP	Responsible Dept/Person	Details of Activities 2025-2030	Measurable Goal(s)
D.1	Regulatory Control Program	Building Department	Ordinances have been established requiring new developments to design, install and maintain effective erosion and sediment controls during construction. Provisions are in place to ensure compliance. Ordinances are assessed periodically for effectiveness.	Enforce ordinances to install BMPs to minimize pollutant runoff from construction sites.
D.2	Erosion and Sediment Control BMPs	Building Department	Contractors are required to provide soil erosion and sediment control measures for land disturbing activities conducted on a development site with consideration of the following: i. Control stormwater velocity and discharge to minimize erosion; ii. Minimize area of soil exposure, disturbance of slopes, sediment discharges from site; iii. Provide or maintain natural buffers to increase sediment removal and maximize infiltration; iv. Minimize soil compaction and preserve topsoil.	Minimize pollutant runoff from construction sites and the number of construction-related complaints from nearby property owners.
D.3	Other Waste Control Program	Building Department	Ordinances require contractors to control construction waste, debris and fluids on site, such as building materials, concrete truck washout, fuels, oils, paint, soaps, solvents, detergents, general litter, sanitary waste, and any wastewater generated by clean up activities, etc.	Minimize pollutant runoff from construction sites and the number of construction-related complaints from nearby property owners.
D.4	Site Plan Review Procedures - Sites Less Than One Acre	Building Department	Permitting procedures require stormwater and erosion control reviews that consider water quality impacts and adherence to local SESC requirements.	Minimize pollutant runoff from construction sites by confirming proposed structural BMPs are appropriate and adequate.
D.4	Site Plan Review Procedures - Sites Greater Than One Acre	Building Department	Development projects that propose to disturb one acre or more are required to prepare a SWPPP conforming to the requirements of IEPA ILR10 and at least as protective as the Illinois Urban Manual. Projects are required to submit an NOI in order to obtain an ILR10 permit.	Minimize pollutant runoff from construction sites by confirming proposed structural BMPs are appropriate.
D.5	Public Information Handling Procedures	Building Department	A procedure has been established for receiving and investigating construction-related complaints through the Building Department	Minimize pollutant runoff from construction sites by promptly addressing problems observed by property owners.
D.6	Site Inspection/ Enforcement Procedures - Developer Obligations	Building Department	Per the ILR 10 permit, contractors for sites that disturb > 1 acre are required to inspect sites weekly, and after a 0.5" rain event, to ensure BMPs are in place. Deficiencies and maintenance are noted.	BMPs are checked during construction to ensure they are installed and properly maintained.
D.6	Site Inspection/ Enforcement Procedures - MS4 Obligations	Building Department	For all sites disturbing one acre or more, a preconstruction meeting will be held that includes discussion of soil erosion and sediment control measures. At least one inspection will occur prior to land disturbance, to ensure BMPs are in place, and at least once during construction. Deficiencies will be noted and maintenance needs will be conveyed to contractors. Ordinances will be enforced, as needed.	BMPs are checked before and during construction to ensure they are installed and properly maintained.

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MCM Category 4: Construction Site Runoff Control

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BMP ID	BMP	Responsible Dept/Person	Details of Activities 2025-2030	Measurable Goal(s)
D.7	Other Construction Site Runoff Controls - Construction Site Inventory	Building Department	An up-to-date inventory of all active development sites, both public and private, disturbing > acre is maintained. The inventory should include the preconstruction meeting date, number of inspections performed with dates/details, number of violations found, deficiencies noted, and corrective/enforcement actions.	Continuous tracking of active construction sites to ensure projects are monitored to minimize pollutant runoff.
D.7	Other Construction Site Runoff Controls - Training	Building Department	MS4 ensures staff and third-party inspectors receive appropriate training and utilize outreach materials within their area of responsibility, as appropriate, including permitting, plan review, site inspections, and enforcement. Contractors are to be educated on appropriate selection, installation, implementation and maintenance of stormwater controls, as well as on overall program compliance.	Ensure proper training of responsible parties, as described, to ensure effective oversight.

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MCM Category 5: Post-Construction Runoff Control

Pollutants of concern within the watershed can be found on Page 2

BMP ID	BMP	Responsible Dept/Person	Details of Activities 2025-2030	Measurable Goal(s)
E.2	Regulatory Control Program - BMPs Required	Building Department	Ordinances ensure new developments to include appropriate controls to minimize volume and pollutant loading from runoff. Ordinances also require the development to address post-construction runoff.	Implement and enforce regulatory control mechanisms to protect water quality and minimize downstream flooding from development.
E.2	Regulatory Control Program - Design Hierarchy	Building Department	Non-structural BMPs are required through ordinances and the permitting process that protect water quality within the watershed. Strategies include: i. Preservation of natural features, including natural storage and other forms of infiltration ii. Preservation of existing streams, channels, and drainage ways iii. Minimizing new impervious surfaces iv. Stormwater conveyance in open vegetated channels v. construction of stormwater management systems that serve multiple sites vi. construction of stormwater management systems that serve single sites	Minimize the volume and pollutant load of stormwater runoff from new development. Implement BMPs that will protect water quality within the watershed.
E.3	Long Term O&M Procedures	Building Department	Long term Operation and Maintenance procedures are required as part of the permitting process for all constructed stormwater management facilities and other structural BMPs. Post construction management plans meet or exceed requirements of ILR10 and the Illinois Urban Manual. Operation and maintenance is ensured by [implementation of HOA, financial bonding, placing the BMPs in an outlot and/or easement, etc.]	Ensure structural BMPs are maintained long-term to ensure they remain effective.
E.4	Pre-Construction Review of BMP Designs	Building Department	The plan review process includes review of design plans prior to construction to ensure effective runoff controls for new development.	Ensure designs provide appropriate volumes for stormwater management .
E.5	Site Inspections During Construction	Building Department	Permitting procedures require inspections of all post-construction BMP designs to ensure controls are constructed as designed	BMPs are inspected during construction to realize benefits to stormwater volume and pollutant reduction benefits.
E.6	Post-Construction Inspections	Building Department	Post construction BMPs/stormwater management facilities are inspected at time of acceptance. As-builts that verify the constructed volume is in accordance with the design plans are required prior to closing out the construction permit.	Ensure BMPs are constructed as designed

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MCM Category 5: Post-Construction Runoff Control

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BMP ID	BMP	Responsible Dept/Person	Details of Activities 2025-2030	Measurable Goal(s)
E.7	Other Post-Construction Runoff Controls - Public Projects	Building Department	BMPs are used, as practicable, to minimize stormwater runoff and pollutants from public surfaces, such as streets, municipal parking lots and sidewalks.	Incorporate internal procedures and natural techniques to manage stormwater runoff to reduce pollutant load
E.7	Other Post-Construction Runoff Controls - Procedures for Handling Public Information	Building Department	A procedure has been established for receiving and investigating information submitted by the public through the Building Department	Minimize pollutant runoff by promptly addressing problems observed by property owners.
E.7	Other Post-Construction Runoff Controls - Annual Training for Employees	Building Department	Provide/verify appropriate training for staff and contractors involved with maintaining, repairing or replacing green infrastructure and/or low impact design.	Facilitate at least one training event specific to green infrastructure annually.
E.7	Other Post-Construction Runoff Controls - Existing Properties	Building Department	A program has been developed intending to minimize stormwater runoff and pollutants from exiting privately-owned properties. Approach includes educating homeowners on green infrastructure BMPs and policies, and managing pollution due to special events or through targeted maintenance programs or maintenance agreements.	Minimize the volume of runoff and pollutants coming from existing properties

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MCM Category 6: Pollution Prevention/Good Housekeeping

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BMP ID	BMP	Responsible Dept/Person	Details of Activities 2025-2030	Measurable Goal(s)
F.1	Employee Training Program	Public Works	Annual training is provided for appropriate staff to minimize stormwater pollution from operational activities due to open space maintenance, fleet and building maintenance, operation of storage yards, snow disposal, deicing material storage handling and use on roadways, and proper disposal of debris removed from the storm sewer system.	Facilitate annual training events, including one salt training event.
F.2	Inspection & Maintenance Program - Municipal Facility and Stormwater Control Inventory and Map	Public Works	An inventory of municipal-owned or operated facilities has been developed that includes contact information for each location. Facilities are identified on a map, showing the MS4 boundary and include related stormwater management basins, outfalls, and receiving waters.	A list of all facilities and contact information is maintained and made accessible to staff and emergency personnel.
F.2	Inspection & Maintenance Program - Municipal Facility and Stormwater Control Inventory Map	Public Works	Identify on a map, the area covered by the MS4 and the municipally-owned or operated facilities and corresponding stormwater facilities, related outfalls, and receiving waters.	A map of all facilities and stormwater controls is maintained and made accessible to staff and emergency personnel.
F.2	Inspection & Maintenance Program - Visual Inspections of Facilities	Public Works	Visual inspections of each identified facility are performed quarterly to ensure they are clean and orderly and spills are being addressed. Catch basins are checked for accumulation; inspections are documented. The inspection report will include any identified deficiencies and the corrective actions taken. Inspections may be reduced to a semi-annual basis if no issues are noted in 12 month period.	Facilities listed on the inventory are inspected, at least quarterly. Issues are promptly rectified.
F.2	Inspection & Maintenance Program - Visual Inspections of Ponds & Stormwater Discharges	Public Works	Visual inspections of each identified stormwater management ponds are performed quarterly for potential pollutant sources; inspections are documented. The inspection report will also include any identified deficiencies and the corrective actions taken. Inspections may be reduced to a semi-annual basis if no issues are noted in 12 month period.	Ponds and related discharge listed on the inventory are inspected, at least quarterly. Issues are promptly rectified.
F.2	Inspection & Maintenance Program - Catch Basin Cleaning	Public Works	Catch basin cleaning is performed for one week each month during 9 months of the year. Approximately 1,800 catch basins are addressed each year.	Implement regular catch basin cleaning program to reduce pollutant load from the stormwater system.
F.2	Inspection & Maintenance Program - Street Sweeping	Public Works	Street sweeping of the entire Village is performed over 1 week each month between April and November.	Implement street sweeping program. Direct reduction to pollutant load from stormwater.
F.2	Inspection & Maintenance Program - Landscape Maintenance	Public Works	Maintenance activities on public spaces will be reviewed periodically for opportunities to reduce potential pollutants including reviewing the amount of fertilizer, herbicide, or insecticides applied, adjusting stabilization or irrigation techniques, or modifying mowing procedures.	Identify ways to modify maintenance procedures to reduce material application and pollutant load in stormwater.

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BMP ID	BMP	Responsible Dept/Person	Details of Activities 2025-2030	Measurable Goal(s)
F.3	Municipal Operations for Stormwater Control - Municipal Properties	Public Works	Effective pollution prevention measures are in place that minimize the discharge of pollutants from municipal properties and due to i. Equipment and vehicle washing. ii. Material storage iii. Storage and handling of fluids	Implement procedures for vehicle washing, proper handling and storage of materials and prompt cleanup of spills. Direct reduction of pollutants.
F.3	Municipal Operations for Stormwater Control - Deicing Materials	Public Works	Policies and procedures are in place that minimize pollutant runoff entering storm sewers and waterways from salt stockpiles, loading/unloading areas, brine bins or other deicing materials. Deicing materials are stored in a permanent storage structure.	Stockpiles and related loading/unloading areas are located and maintained to minimize stormwater pollutant runoff.
F.4	Municipal Operations Waste Control	Public Works	Proper disposal of operational materials, including debris from catch basins, street sweeping, tree clearing, auto fluids, and cleaning fluids are managed through internal policies and procedures.	Proper disposal of operational materials. Reduce potential pollutants.
F.5	Flood Management/ Assess Guidelines	Public Works	Procedures have been created to minimize the potential of flooding due to structure blockage. Flood prone areas are inspected with heavy storms. When flooding occurs, it is addressed promptly and documented.	In areas prone to flooding, structures and grates are checked and cleared to reduce potential impacts.