



Illinois Environmental Protection Agency

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

Division of Water Pollution Control ANNUAL FACILITY INSPECTION REPORT

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

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

Report Period: From March, 2015 To March, 2016

Permit No. ILR40 0221

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

Name: Village of Machesney Park Mailing Address 1: 300 Roosevelt Rd
Mailing Address 2: _____ County: Winnebago
City: Machesney Park State: IL Zip: 61115 Telephone: 815-877-5432
Contact Person: Chad Hunter Email Address: chadh@machesneypark.org
(Person responsible for Annual Report)

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

Village of Machesney Park

THE FOLLOWING ITEMS MUST BE ADDRESSED.

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

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

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

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

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

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

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

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

Owner Signature:

Chad Hunter

Printed Name:

5-16-16

Date:

Superintendent of Public Works

Title:

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

or Mail to: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

WATER POLLUTION CONTROL
COMPLIANCE ASSURANCE SECTION #19
1021 NORTH GRAND AVENUE EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
ANNUAL FACILITY INSPECTION REPORT
NPDES PERMIT FOR STORMWATER DISCHARGES
FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)

MARCH 2015 TO MARCH 2016 REPORTING PERIOD

VILLAGE OF MACHESNEY PARK

B. STATUS OF COMPLIANCE WITH PERMIT CONDITIONS

The following is a status report on each of the BMPs and the activities that were undertaken during the March 2015 to March 2016 reporting period. The status or progress for each of the measurable goals related to these BMPs is presented below.

A. Public Education and Outreach

BMP No. A.1 Distributed Paper Material

Brief Description of BMP: Storm water pamphlets and/or flyers are available at Village Hall on a regular basis.

Measurable Goal(s), including frequencies: Maintain pamphlets and/or flyers at Village Hall making them available to the public.

BMP Status: The Village of Machesney Park has published several storm water pamphlets and continues to update and create new informational handouts every year which is distributed at construction sites as well as at Village Hall.

BMP No. A.6 Other Public Education

Brief Description of BMP: The Village will maintain and include information related to the NPDES Phase 2 on the Village's website and in a Village newsletter.

Measurable Goal(s), including frequencies: Evaluate and add data to the Village's website and newsletter as needed.

BMP Status: The Village of Machesney Park continues to maintain and update the Village website and bi-annual newsletter making information available for the public. This Village puts an educational piece on storm water in every newsletter in addition to the Village website to try and reach and educate as many individuals as possible.

B. Public Participation/Involvement

BMP No. B.6 Program Involvement

Brief Description of BMP: The Village will provide support for “Keep Northern Illinois Beautiful” (KNIB) clean up events.

Measurable Goal(s), including frequencies: Provide support for KNIB events and make storm water pollution flyers available when possible.

BMP Status: The Village continues to donate money to KNIB on a yearly basis and when possible provides support and a drop off facility for clean-up events within the Village limits. KNIB uses the Village’s Public Works facility for multiple collection events throughout the year.

C. Illicit Discharge Detection and Elimination

BMP No. C.1 Storm Sewer Map Preparation

Brief Description of BMP: Maintain and updated community storm sewer map.

Measurable Goal(s), including frequencies: Conduct field survey and subdivision plan reviews to update and maintain a community storm sewer map. Update annually as new storm sewers are installed.

BMP Status: The Village maintains and updates its storm sewer map annually. We are currently redrawing the Village’s storm sewer data to create more accurate maps.

BMP No. C.2 Regulatory Control Program

Brief Description of BMP: Maintain and enforce ordinance language to prohibit non-stormwater discharges to the MS4.

Measurable Goal(s), including frequencies: Review, maintain, and update the Illicit Discharge Detection and Elimination (IDDE) ordinance as needed.

BMP Status: Continued enforcement of the IDDE ordinance by conducting field inspections of outfalls and receiving waters. The Village does regular inspections to detect illicit discharges and traces back any signs of illicit discharge.

BMP No. C.3 Detection/Elimination Prioritization Plan

Brief Description of BMP: Utilize land use maps to determine where illicit discharges have a higher probability of occurring.

Measurable Goal(s), including frequencies: Update base map as part of required outfall mapping to obtain general understanding of watersheds. Compare watershed boundaries to land uses (auto repairs, junk yards and industrial shops, etc.) to determine which watershed(s) have greatest potential for pollutant runoff.

BMP Status: The Village continues to update the Village base map that shows outfall locations, receiving waters and approximate watershed boundaries. Areas of high concern such as industrial areas

are identified and inspected periodically to insure no discharges are found.

BMP No. C.4 Illicit Discharge Tracing Procedures

Brief Description of BMP: Create a set of procedures to trace the source of any reported or discovered illicit discharges.

Measurable Goal(s), including frequencies: Develop a plan of action (procedure) for how to respond to a report of an observed or suspected illicit discharge. The procedure will include a method for collecting reports through public complaint and by Village staff, volunteers or consultants.

BMP Status: Village staff currently has a procedure in place. Although no written procedure has been set in place it continues to record and inspect all complaints by the same procedure.

BMP No. C.5 Illicit Discharge Removal Procedures

Brief Description of BMP: Develop a plan for removing the source of illicit discharges.

Measurable Goal(s), including frequencies: A written procedure will be prepared in conjunction with the IDDE Ordinance and Tracing Procedures. This procedure will include methods for the removal of illicit discharges, including methods for obtaining compliance from private property owners identified through the tracing process.

BMP Status: The Village continues to research and review examples of illicit discharge removal procedures. At this time no the Village currently uses a fine process to insure compliance. Although a written procedure has not been established at this time it uses a fine and Administrative hearing based system to insure compliance.

BMP No. C.7 Visual Dry Weather Screening

Brief Description of BMP: Trained Village personnel will make scheduled inspections of all known storm sewer outfalls during times of dry weather. Keep a record of all visits.

Measurable Goal(s), including frequencies: The Village will make visits to known outfalls and identify any areas of illicit discharge.

BMP Status: The Village continues doing dry weather inspections throughout its jurisdiction documenting any abnormalities found in dry creeks beds and in outfall areas.

D. Construction Site Runoff Control

BMP No. D.1 Regulatory Control Program

Brief Description of BMP: Maintain regulatory Development Ordinances pertaining to construction site storm water runoff control.

Measureable Goal(s), including frequencies: Maintain a regulatory Development Ordinance that provides significant protections for natural storm water resources, floodplains, wetlands, and erosion and sediment control.

BMP Status: The Village continues to perform bi-weekly inspections of open job sites. These inspections are to enforce the Village's regulatory development ordinance pertaining to construction site storm water runoff control. These inspections are documented and proper procedures for compliance are taken on any violation of this ordinance. In additions to the Village's bi-weekly inspections, joint inspections are performed with the Winnebago County Soil and Water Conservation District whenever possible to provide a more consistent message to contractors when violations are found on the jobsite.

BMP No. D.2 Erosion and Sediment Control BMP's

Brief Description of BMP: Maintain the regulatory Development Ordinances pertaining to construction site storm water runoff control, specifically erosion and sediment control.

Measureable Goal(s), including frequencies: Maintain and enforce the regulatory Development Ordinance and update as needed.

BMP Status: The Village continues to enforce the erosion and sediment control ordinance throughout the Village. Fines and Administrative Hearing procedures are instituted to insure compliance with ordinances.

BMP No. D.3 Other Waste Control Program

Brief Description of BMP: Maintain a regulatory ordinance that pertains to construction site waste.

Measureable Goal(s), including frequencies: The Village Code, Chapter 8 ½ and Chapter 14, Article 2 provides for provisions for control for all waste materials.

BMP Status: The Village enforces the ordinance provisions through site plan reviews and site inspections by trained Village staff and/or Village Engineer.

BMP No. D.4 Site Plan Review Procedures

Brief Description of BMP: Maintain existing procedures requiring either an engineer or trained Village staff to review all construction plans for appropriate runoff control BMP's.

Measureable Goal(s), including frequencies: Continue to review construction site plans for BMP's for construction site erosion and sediment control.

BMP Status: The Village continues to review construction site plans for compliance with NPDES Phase 2 requirements. The Village requires that a full plan review be done before issuance of a Village Erosion Control Permit.

E. Post-Construction Runoff Control

BMP No. E.2 Regulatory Control Program

Brief Description of BMP: Develop regulatory Development Ordinances pertaining to post-construction site storm water runoff control.

Measurable Goal(s), including frequencies: Adopt a regulatory Development Ordinance that will provide significant protections for natural storm water resources, floodplains, wetlands, and erosion and sediment control.

BMP Status: The Village has researched some ordinance language on regulating post construction runoff. At this time we are trying to determine the best procedure for Village staff to perform these inspections. Some post-construction inspections have been done and have been documented.

BMP No. E.3 Long Term O & M Procedures

Brief Description of BMP: The Village will develop procedures to ensure that developers plan to complete required maintenance on their development.

Measureable Goal(s), including frequencies: Edit existing ordinance or create new ordinances to require developers to plan for future O&M.

BMP Status: The Village has done some research on O & M procedures and is determining how to proceed.

F. Pollution Prevention/Good Housekeeping

BMP No. F.1 Employee Training Program

Brief Description of BMP: The Village continues a training program to provide municipal employees in relevant positions with Illicit Discharge Detection and Elimination training.

Measureable Goal(s), including frequencies: The Village will maintain a training program for Village employees. This may be based on existing training programs that the Village currently conducts. Any new training materials will be developed based on guidance that is widely available. The training program may be updated and expanded as the Village implements its storm water management program. The Village will then conduct annual training for employees that will implement or utilize BMPs.

BMP Status: The Village currently seeks out training and sends its Public Works employees to any pertinent training related to storm water, pollution prevention or erosion control. Each employee takes multiple trainings a year to keep up on latest methods and procedures.

BMP No. F.2 Inspections and Maintenance Program

Brief Description of BMP: The Village will continue its O&M program to address the maintenance needs of municipal properties and equipment.

Measureable Goal(s), including frequencies: The Village will continue proper maintenance activities for all municipal properties such as Village owned buildings, parks and other open spaces insuring proper

waste disposal and prevention of hazardous material spills throughout. The Village will be installing signs at parks for proper disposal of pet waste, cleaning park detention areas as well as keeping our salt stock piles dry and free from runoff as well as continuing to provide proper off-site maintenance of all Village vehicles.

BMP Status: The Village currently does weekly inspections of all Village owned facilities and storm sewer lift stations inspecting for abnormal activities from these sites and performing any required maintenance if issues arise. Additionally, the Village will continue to clean lift stations, inlets and drywells as well as completing a bi-yearly street sweeping as part of maintenance and pollution prevention activities to prevent debris from entering into the storm sewer system.

BMP No. F.3 Municipal Operations Storm Water Control

Brief Description of BMP: The Village will maintain its Inspection and Maintenance Program.

Measureable Goal(s), including frequencies: Maintain storm water control program that includes all municipal properties and activities such as parks and other open spaces, fleet and building maintenance, erosion and sediment control procedures for new construction and other land disturbances, maintenance of the MS4 and proper waste disposal including hazardous waste and procedures for prevention and containment of hazardous material spills.

BMP Status: The Village continues to implement and update programs as necessary. All applicable staff has had training and will be taking additional training on how to handle and dispose of hazardous wastes during the next reporting period.

BMP No. F.4 Municipal Operations Waste Disposal

Brief Description of BMP: The Village will maintain a program for proper disposal of municipal operations waste.

Measureable Goal(s), including frequencies: Maintain a program for proper removal and disposal of waste from all municipal properties such as municipal buildings and municipal owned properties and parks.

BMP Status: The Village currently has a program in place for the proper disposal of any municipal waste. All materials and debris either generated from Village properties or found in Village right of ways such as tires and electronics are collected and disposed of at a proper disposal or recycling facility.

D. SUMMARY OF STORM WATER ACTIVITIES DURING THE NEXT REPORTING CYCLE

1. Vac truck cleaning of lift stations, drywells and inlets. *Summer/Fall 2016*
2. Storm sewer installation and road improvements to Drexel Blvd, Kingsley Blvd, 3rd St, 4th St, Scott Ln, Heron Dr, Bunting Dr, Prairie Ln and Dorothea Ave. *Summer 2016*
3. Cleaning of the Village's permeable pavements. *Summer 2016*
4. Village wide street sweeping. *Spring and Fall 2016*

E. NOTICE OF QUALIFYING LOCAL PROGRAM

The Village of Machesney Park is not relying on any other government entity to satisfy permit obligations.

F. CONSTRUCTION PROJECTS CONDUCTED DURING REPORTING PERIOD

1. Various road resurfacing projects.
2. Storm sewer installation and road improvements to Gilbert Terr, Wilshire Blvd, Liberty Blvd, Marquette Rd, Pershing Ave, Erma Ave, Leland Ave, Copper Dr, Emerald Ln, Ruby Ln and Alpine Rd service drive.
3. Various inlet and drywell repairs throughout the Village.

Vac Truck Cleanings 2015

- ① Village Hall Drywells — 9:30 (2 Drywells)
- ② Drywell next to 1512 Minahan Dr — this is the drywell on the school property 9:30 - 10:15 (1 Drywell)
- ③ 4712 Pine Al Dr — clean drywell (start @ 10:15 to 12:29)
- ④ 4516 Pine Al Dr — clean drywell — Left to go dump @ 11:01 — Return @ 11:25
- ⑥ Juniper Ln — clean drywell
- ⑤ Mildred Heron — clean drywells
- ⑦ 1000 Block of Kingsley Dr — clean drywells

INVOICE

00125031

Trickie Enterprises

9400 N. 2nd Street
Machesney Park, IL 61115
1-815-637-6524

fax: 1-815-654-9650
e-mail: trickieent@aol.com

Bill to:
Village of Machesney Park
300 Roosevelt Rd
Machesney Park, IL 61115
USA

Date: 5/24/15

Cust PO#:

DESCRIPTION OF SERVICES**AMOUNT**

STREET SWEEPING 81 HR. AT 150.00 per. HR CURBED ROADS PER. MR. HUNTER

\$12,150.00

Terms: Net 10 days

Past due accounts are subject to
1 1/2 % per month service charge

Sales Tax: \$0.00

TOTAL DUE: \$12,150.00

00-05-601-10

300 Roosevelt Rd, Machesney Park, IL 61115

815-877-5432



info@machesneypark.org

8:00am - 4:30pm



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Storm Water Division

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→ Storm Water Division

Concrete Washouts

The residue and contaminants from washing concrete trucks, pumps, mixers, chutes, hand tools, and wheelbarrows is called "concrete washout". Products like grout, mortar and stucco and activities such as saw cutting, coring, grinding and grooving can also result in concrete washout. This type of waste is highly alkaline, contains high levels of chromium, and is corrosive. When not managed properly concrete washout can pollute surface water and groundwater by changing its pH, increasing the toxicity of other substances, and reducing water clarity.

Management Tips

- Do not dump concrete washout on the ground or allow it to enter storm drains, open ditches, streets and waterways.
- Washout facilities should only be for chute and tools washing. Truck washout and remaining concrete should be taken back to the plant.
- Washouts should be large enough to contain liquid and concrete waste generated by washout operations.
- Keep washout areas a minimum of 50 feet from storm

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drains, open ditches and water bodies and install signs for locating the washout.

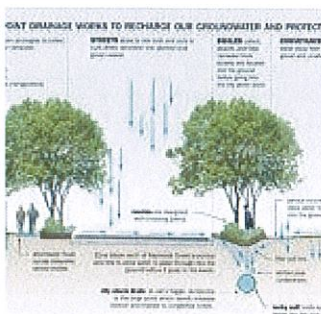
- Washout facilities must be cleaned or new facilities constructed and ready for use, once the washout container is 75% full.
- Under no circumstances should a washout facility be allowed to overflow.

Why Care About Clean Water?

Storm water pollution is one of the greatest threats to Machesney Park's creeks and rivers. Clean water means safe drinking water, places for recreation and healthy wildlife habitats. Rain washes pollution from streets, parking lots and lawns into storm sewers and drainage ditches then directly to our streams, rivers and ultimately, the ocean. By taking steps such as using proper concrete washout facilities we can insure that we protect these assets.

OVERVIEW

Storm water runoff is generated when precipitation from rain and snow-melt events flows over land or impervious surfaces and does not percolate into the ground. As the runoff flows over the land or impervious surfaces (paved streets, parking lots, and building rooftops), it accumulates debris, chemicals, sediment or



other pollutants that could adversely affect water quality if the runoff is discharged untreated.

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The Village of Machesney Park would

The primary method to control storm water discharges is the use of best management practices (BMPs). In addition, most storm water discharges are considered point sources and require coverage under an NPDES permit.

For more information about the storm water / soil erosion and sediment control program, visit the Erosion and Sediment Control page.

[MS4 Information Guide](#)

Erosion and Sediment Control

What is Erosion and Sediment Control?

The Village of Machesney Park holds a permit with The Illinois Environmental Protection Agency which requires us to manage the quality of storm water which leaves the Village limits and protect the environment by monitoring pollution in our local storm water system. The Village has a Municipal Separate Storm Sewer System (MS4) which means that rain water that falls in our area runs directly into the Rock River. During a rain storm, exposed soil can wash away and into the local waterways. As a result, preventative measures must be taken to stop soil erosion and keep the Rock River clean.

Why is Erosion and Sediment Control So Important?

Soil erosion and sedimentation are major contributors to pollution in our waterways. When rain falls on exposed soil, it washes soil away from the land. Runoff erodes bare ground, washes away valuable topsoil, and makes landscaping more difficult. It also carries nutrients, sediment, and other pollutants into streets, gutters, and ditches, where it then travels untreated to lakes, rivers, streams, or wetlands. Polluted runoff causes excessive growth of lake weeds, algae blooms, and reduced recreational opportunities such as

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swimming and fishing. Sediment-laden runoff clogs pipes, ponds, lakes and wetlands and increases the risk of flooding.

Homeowner's Guide to Erosion and Sediment Control



This guidebook has been provided by The Village of Machesney Park to help residents who wish to self perform work that requires erosion and sediment control measures. The guidebook can be used as a starting point for designing an erosion and sediment control system for your particular project and also gives information on how to install and maintain common types of best management practices (BMPs).

Illinois Department of Transportation (IDOT) – Field Guide to Erosion and Sediment Control

This guide is published by the Illinois Department of Transportation and provides information on how to properly select, install, and maintain erosion control best management practices. It may be useful to refer to this guide during weekly inspections as this guide was originally intended for use by IDOT inspectors checking contractor's for compliance.



USEPA Guide to Writing a Storm Water Pollution Prevention Plan (SWPPP)



This manual on creating a SWPPP is published by the United State Environmental Protection Agency and can be very helpful in creating an effective plan to minimize storm water pollution on construction sites. Please be aware that this manual can be somewhat technical in nature.

[Home Owners Guide to Erosion and Sedimentation Control](#)
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📍 300 Roosevelt Rd, Machesney Park, IL 61115

☎ 815-877-5432



✉ info@machesneypark.org

🕒 8:00am - 4:30pm



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Refuse and Recycling Collection Information

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🔴 Refuse and Recycling Collection Information

On July 1, 2014 the Village of Machesney Park moved into agreement with [Rock River Disposal](#) as the removal carrier for single and duplex residential homes within the Village.

New residents are required to contact Rock River Disposal (see below) to set up an account for refuse collection and removal.

Rock River Disposal offers five services for residential customers within the Village: curbside waste removal, curbside recycling services, large item removal, yard waste removal, and hazardous waste collection.



Rock River Disposal

4002 South Main Street

Rockford, Illinois 61102

(815) 965-2489

To help residents in the transition we would like to provide the following information on residential refuse removal. ([Click here](#)

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Important Services Information:

TRASH

Household trash is unlimited along with one bulk item per week.

35 gal. cans or bags can be used for trash. Each can is not to be more than 50 lbs in weight.

There is a charge for an excessive clean up of a residential property. A \$25.00 per hopper extra after the first hopper will be billed to the resident by Rock River Disposal. For example, if there are 4 extra hoppers required, \$75.00 (\$25.00 x 3) will be charged to the residential property.

RECYCLING

Household recycling is unlimited. A bin is provided by



Rock River Disposal, upon request, to all residents. The use of trash cans to hold recycling is not acceptable.

YARD WASTE

Household yard waste is unlimited. Yard waste is all grass clippings, leaves, and small branches (no bigger than 4" in diameter) from a residential property. A 50 lb. weight limit on all cans with an X, or yard waste specific brown paper bags, is enforced. All tree branches and bush trimmings need to be cut and bundled no more than 3'-5' length. In the fall residents may rake their leaves to the curb in a long wind row for vacuuming. Yard Waste season runs typically from the beginning of April to the end of November, but may vary each year depending on the weather.

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NOTE: Village of Machesney Park controlled yard waste burning is approved ONLY during the months of April & November. Please contact Village Hall at (815) 877-5432 with any questions.

2015 TENTATIVE Leaf Vacuuming Schedule



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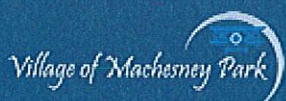
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UPDATES FROM PUBLIC WORKS

Potholes

Potholes are an issue that both the Village and drivers deal with on a fairly regular basis. Due to our climate in the Midwest, and the impact that the freeze - thaw cycle has on our roadway system, potholes are inevitable, but they can be managed. Potholes in the pavement appear when a road surface becomes worn and has suffered the effects of weather and traffic.

What causes potholes?

There are several major causes:

Heavy Traffic - Traffic that is too heavy for the pavement's design can cause cracks in the street. The combination of increased traffic and the natural aging of pavements result in potholes.

Water - When water gets into the base of the pavement through cracks in the surface it can soften the base. Over a period of time the base material will shift leaving nothing to support the pavement above it. Heavier vehicles can cause the pavement to weaken further and ultimately cave in.

Weather - Weather is the main culprit in the formation of potholes. If water gets into the asphalt and then freezes, the expanding ice lifts out a piece of the top layer of asphalt and creates a pothole. The freeze and thaw cycle is very destructive for our roadway system which is evident in the spring after a winter thaw.

Age - As pavement ages, it becomes more brittle and susceptible to cracking.

Pothole Repair:

Pothole repair is an ongoing operation of the Village's Public Works Department. These repairs include the patching of potholes, depressions, and resolving other defects on Village streets. Village crews are out on a weekly basis responding to pothole reports and making repairs as they are found.

Repairs are made by filling holes or depressions with hot mix asphalt which repairs any defects in the roadway.



Reporting Potholes:

Residents are encouraged to report potholes to the Machesney Park Public Works Department at 815-877-5432. The Village Public Works crew does its best to promptly respond to all requests but appreciates your patience in getting repairs made. Please keep in mind that any work done within a roadway can be very dangerous activity for our crew so please be cautious and slow down when driving past Public Works crews repairing potholes.

Mosquito Control Tips

The Village of Machesney Park will be contracting with Clarke Mosquito this year to monitor and treat the Village for mosquito control. Clarke Mosquito will monitor the Village all season long and determine the optimal time to spray the Village, which includes wet areas such as catch basins, to control the mosquito population.



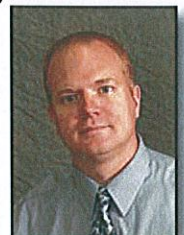
Contracted treatments can only control the mosquito population to a certain level. Residents are urged to take steps on their own to help control areas where mosquito populations might breed.

Should any questions arise about the treatment or control of mosquitoes, residents may contact Clarke Mosquito at 1-800-942-2555 or visit their website at WWW.CLARKE.COM.

Erosion and Sediment Control

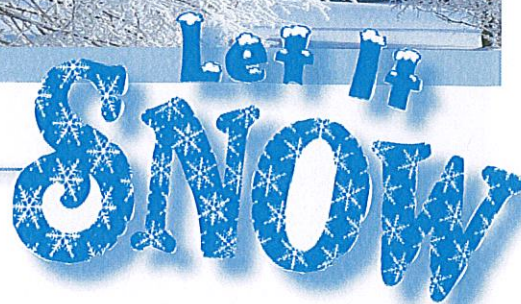
It is important that residents and contractors acquire permits from the Village for any project that disturbs more than 100 sq. ft. of soil. Soil erosion and sedimentation are major contributors to waterway pollution. Sediment runoff can clog pipes and pollute ponds, lakes and wetlands. The Village requires that an erosion control plan be put in place and maintained throughout a construction project. A fine for non-compliance can be a minimum of \$250 to \$750 a day for a property found in violation of this ordinance. Should anyone have any questions or concerns about setting up or maintaining an erosion plan, please contact the Village of Machesney Park Public Works Department.

Chad Hunter
Superintendent of Public Works



Snow Removal

The winter season will soon be upon us and with winter will come snow. Below are a few key topics to remember as we head into the winter season.



Snow Emergency

It's important to remember that after two inches of snow has fallen the Village is declared to be under a snow emergency. ***During a snow emergency all vehicles should be removed from the roadway so plows can safely and more efficiently remove snow from the Village streets. Any vehicle left on the street during a snow emergency will be subject to a parking citation.***

Mailboxes

Winter is hard on mailboxes. By their nature, they are in conflict with the efforts to clear snow from the roadways. A properly placed and installed mailbox should be able to withstand regular plow conditions although there are circumstances which can occur that can cause damage to mailboxes during a plow event. If a mailbox is struck and damaged by a plow during a snow removal event the Village will investigate the claim and repair or reimburse if needed. Residents are urged to inspect their mailboxes prior to winter to insure that they are in good working condition to help minimize damage through the winter months.

Driveways

An unavoidable result of plowing snow is a ridge of snow along the road edge and at the end of driveways. Plow operators do what they can to try and minimize this when possible but in many cases is unavoidable. Please know that placing this snow back into the street after a plow has removed it is prohibited and may result in a citation. Homeowners can help minimize a snow ridge by piling snow cleared from a driveway to the side away from the approaching traffic. Piling snow to the side away from the approaching traffic helps lessen the amount of snow that would normally be pushed in front of the driveway.

Please be sure to slow down and drive cautiously during adverse weather conditions. The Village does its best to insure that its roadways are in the best possible condition during snow events but there will be times when the roadways will be hazardous for travel. Should anyone have any questions or concerns with snow removal please feel free to contact the Village Hall.

Code Enforcement

Fall & Winter Are Coming! As summer and the growing season come to an end we must look ahead to the fall and winter seasons. While fall and winter generally require less property maintenance work, residents are still asked to continue to remain active in maintaining their properties and homes to the best of their ability.

Fall & Winter Property Maintenance Tips

- ♦ Fall open burning is November 1st-30th. Conditions: 1) must be attended to at all times by someone at least 18 years of age, 2) buckets, shovels, garden hoses or fire extinguishers shall be available for immediate use, 3) burning shall not be within ten feet of any structure and shall be in a safe area which does not constitute a fire hazard to any structure, trees, vegetation, etc., 4) BE COURTEOUS TO YOUR NEIGHBORS and do not burn in a manner which will be objectionable or offensive to others - pay attention to wind direction, smoke, and other such factors.
- ♦ Please clean up fall yard waste throughout your property as much as you are able! Yard waste accumulation in the fall poses a threat to the storm water systems as leaves, sticks, grass, etc. can clog drains thus causing drainage/flooding issues throughout the fall, winter, and spring.
- ♦ Although the ground will soon be frozen, parking in what would be the grass or yard is still NOT allowed within the Village unless otherwise posted due to snow emergency factors. Parking in the yard is not only unsightly, but it causes damage to the lawn through tire tracks and carrying salt deposits into the grass, and creates a muddy mess which is then tracked onto the streets.
- ♦ Be respectful to your neighbors and community – remove snow from the sidewalks on your property! This allows for a clean and safe place for our school age children, and the community as a whole, to walk to school and enjoy our community.

The Village is more than happy to address any and all of your concerns regarding code enforcement. However, before you give us a call we would ask you to simply talk to your neighbor, get to know him or her, and see if these concerns can be worked out in a friendly and congenial manner. Neighbors banding together in an effort to improve their neighborhoods and overall community is the best and most effective strategy! If all residents would work together it will lead to a cleaner, more respectable and ultimately more livable Machesney Park!

As always, please contact me with any questions or concerns at JakeS@MachesneyPark.org or 815.877.5432.

EPA's Construction General Permit (CGP) Small Residential Lot Stormwater Pollution Prevention Plan (SWPPP) Template

Who needs to seek coverage under the EPA CGP?

Stormwater discharges from construction activities that disturb one or more acres, or smaller sites disturbing less than one acre that are part of a common plan of development or sale, are regulated under the National Pollutant Discharge Elimination System (NPDES) stormwater permitting program. Prior to the start of construction, construction operators must obtain coverage under an NPDES permit, which is administered either by the state (if it is authorized to operate the NPDES program) or EPA. Where EPA is the permitting authority, operators may seek coverage under the EPA CGP. The CGP requires operators of construction sites to meet effluent limits (i.e., through the implementation of erosion and sediment controls) and requires operators to develop a SWPPP detailing erosion and sediment controls and pollution prevention measures that will be implemented to meet the requirements of the CGP.

What is the Small Residential Lot SWPPP Template?

The Small Residential Lot SWPPP Template is designed to help operators of small residential sites develop a streamlined SWPPP that meets the minimum requirements of EPA's CGP. This simplified template does not change, relax, or modify any existing conditions in the CGP, including the requirement to submit a Notice of Intent (NOI) for permit coverage.

How does it work?

Think of the Small Residential Lot SWPPP Template as a 1040EZ tax form for small construction sites. All of the same requirements apply, but compliance options are focused on only those controls that apply to small residential lot construction, and they are presented in a simplified, user-friendly format.

The Small Residential Lot SWPPP Template streamlines SWPPP development by providing a simplified menu of erosion and sediment control and pollution prevention practices that operators can select from to complete a SWPPP consistent with the minimum requirements in the CGP.

Easy to Use BMP Menu

The Small Residential Lot SWPPP Template provides operators with a walk-through menu of typical erosion and sediment control and pollution prevention practices (i.e., Best Management Practices or BMPs) appropriate for small construction sites.

Illustrated Appendix with Pull-Out BMP Spec Sheets

Clear, step-by-step BMP spec sheets for each practice you choose are provided in an illustrated appendix that you may edit based on your site-specific conditions.

Does my project qualify for EPA's Small Residential Lot SWPPP Template?

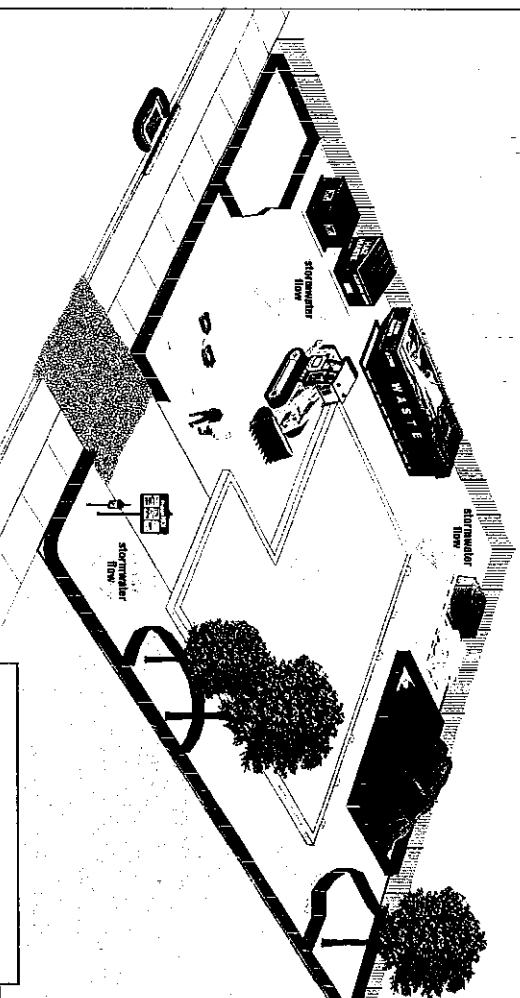
In order to use EPA's streamlined template, your site must meet a series of criteria, including:

- ✓ Projects must disturb less than one acre of land;
- ✓ Projects must be located outside of sensitive areas (areas with endangered species concerns, historic preservation issues, wetlands, etc.);
- ✓ Projects must not cause disturbance within 50 ft of a water of the U.S.;
- ✓ Projects must not require the use of chemical treatment for stormwater; and
- ✓ Projects must not disturb steep slopes.

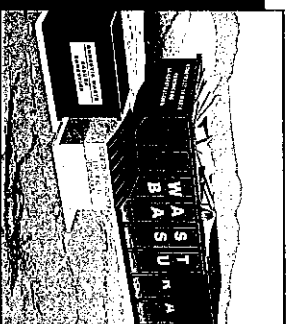
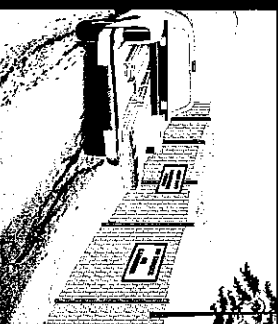
To access EPA's streamlined Small Residential Lot SWPPP Template, visit:

www.epa.gov/national-pollutant-discharge-elimination-system-rules/stormwater-discharges-construction-activities

EPA 830-F-15-001
December 2015



Stormwater Pollution Prevention for Small Residential Construction Sites



10 Steps to Stormwater Pollution Prevention on Small Residential Construction Sites

Stormwater management on small residential construction sites need not be complicated.

- 1 Protect Any Areas Reserved for Vegetation or Infiltration and Preserve Existing Trees**
If you will be installing infiltration-based features such as rain gardens or bioswales, make sure these areas are designated as off limits to avoid compaction. Save time and money by preserving existing mature trees during construction. Preserving mature trees minimizes the amount of soil that needs to be stabilized once construction is complete, and minimizes the amount of runoff during and after construction activity.

- 2 Stockpile Your Soil**
EPA's CDP requires operators to preserve native topsoil on site unless infeasible and protect all soil storage piles from run-on and runoff. For smaller stockpiles, covering the entire pile with a tarp may be sufficient.

- 3 Protect Construction Materials from Run-On and Runoff**
At the end of every workday and during precipitation events, provide cover for materials that could leach pollutants.

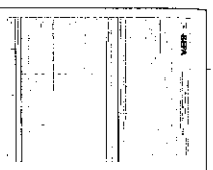
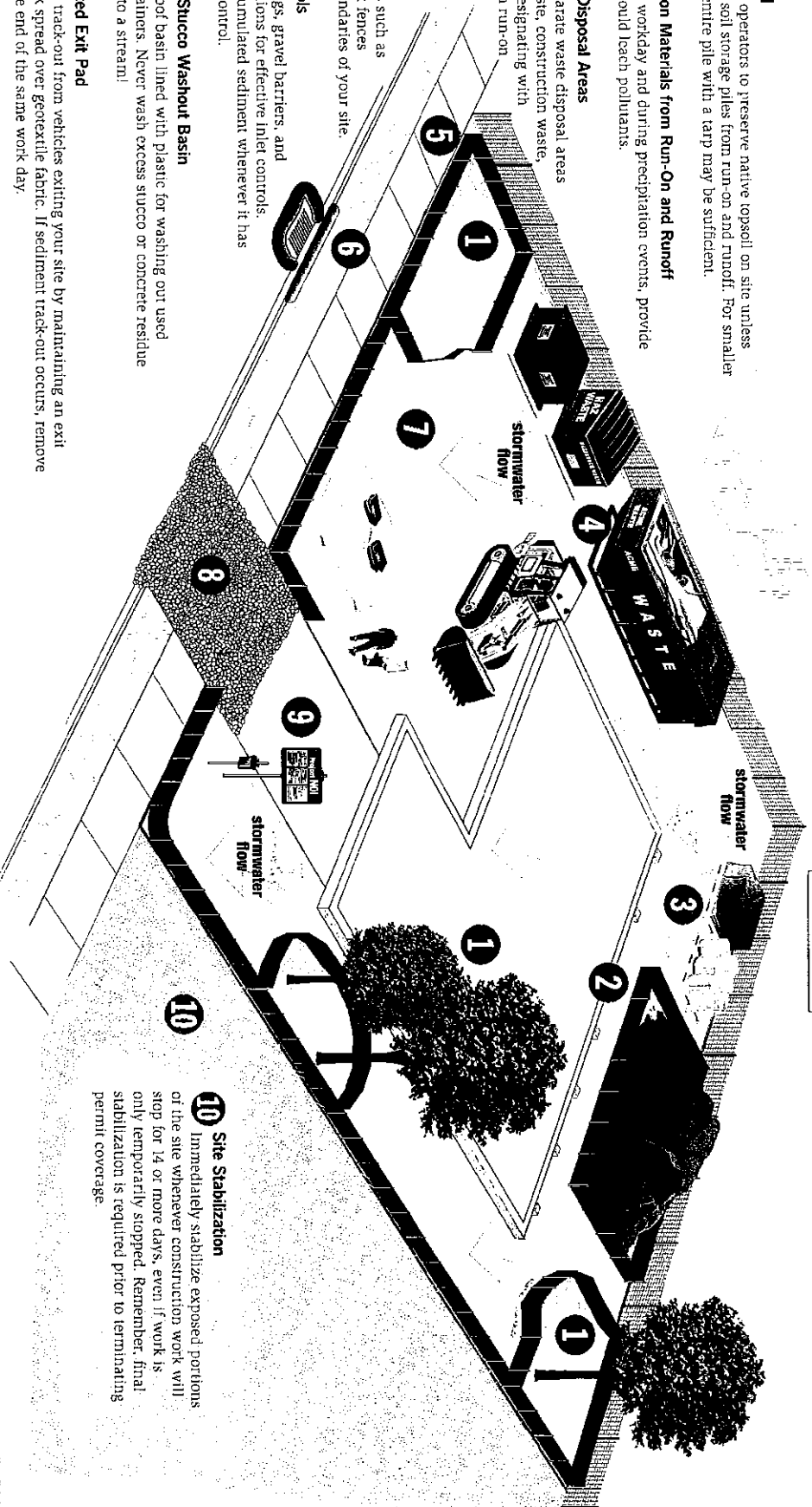
- 4 Designate Waste Disposal Areas**
Clearly identify separate waste disposal areas on site for hazardous waste, construction waste, and domestic waste by designating with signage, and protect from run-on and runoff.

- 5 Install Perimeter Controls on Downhill Lot Line**
Install perimeter controls such as sediment filter logs or silt fences around the downhill boundaries of your site.

- 6 Install Inlet Controls**
Sediment control logs, gravel barriers, and sand or rock bags are options for effective inlet controls. Make sure to remove accumulated sediment whenever it has reached halfway up the control.

- 7 Install a Concrete/Stucco Washout Basin**
Designate a leak-proof basin lined with plastic for washing out used concrete and stucco containers. Never wash excess stucco or concrete residue down a storm drain or into a stream!

- 8 Maintain a Stabilized Exit Pad**
Minimize sediment track-out from vehicles exiting your site by maintaining an exit pad made of crushed rock spread over geotextile fabric. If sediment track-out occurs, remove deposited sediment by the end of the same work day.



- 9 Post Your NOI and Keep an Up-to-Date Copy of Your SWPPP on Site**
Post a sign or other notice of your permit coverage, including your NPDES tracking number and site contact information. Also, keep a copy of your complete and up-to-date SWPPP on site and easily accessible, including site maps showing where each BMP is or will be installed.

- 10 Site Stabilization**
Immediately stabilize exposed portions of the site whenever construction work will stop for 14 or more days, even if work is only temporarily stopped. Remember, final stabilization is required prior to terminating permit coverage.

Concrete Washout Requirements

As outlined in the IEPA (ILR10) General NPDES Permit for Storm Water Discharges from Construction Site Activities, concrete waste is considered a non-storm water discharge and therefore must be prohibited from entering "waters of the state".

IEPA's definition of Waters of the State is: *all accumulation of water, surface and underground, natural and artificial, public and private, or parts thereof, which are wholly or partially within, flow through, or border upon the State of Illinois.*

In Addition, Village of Machesney Park Code Chapter 8 ½, (Erosion and Sediment Control), that prohibits Non-Storm Water and Industrial Storm Water Discharges to the Village of Machesney Park's Storm Drain System, also prohibits concrete waste from being dumped directly onto the ground or into the Village's storm sewer system.



Why Care About Clean Water?

Storm water pollution is one of the greatest threats to Machesney Park's creeks and rivers. Clean water means safe drinking water, places for recreation, commercial opportunities, healthy wildlife habitats, and adds beauty to the landscape. Rain washes pollution from streets, parking lots and lawns into storm sewers and drainage ditches then directly to our streams, rivers and ultimately, the ocean.



Village of Machesney Park
Public Works Department
300 Roosevelt Rd
Machesney Park, Illinois 61115
Phone: 815-877-5432
Fax: 815-637-7557
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MANAGING CONCRETE WASHOUT



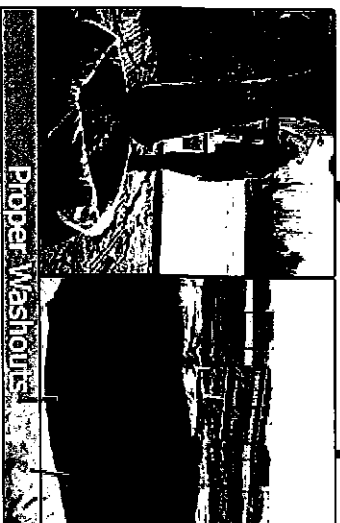
IT'S REQUIRED!

Concrete Waste Concerns Why Does It Matter?

The residue and contaminants from washing concrete trucks, pumps, mixers, chutes, hand tools, and wheelbarrows is called "concrete washout". Products like grout, mortar and stucco and activities such as saw cutting, coring, grinding and grooving can also result in concrete washout. This type of waste is highly alkaline, contains high levels of chromium, and is caustic and corrosive. When not managed properly it can pollute surface water and groundwater by changing its pH, increasing the toxicity of other substances, and reducing water clarity. Each of these changes is detrimental to aquatic life and their habitats. Concrete washout that is dumped on the ground and absorbed into the soil can substantially alter the soil and inhibit future plant growth.



Management Tips



- Train employees and subcontractors so they do not dump concrete washout on the ground or allow it to enter storm drains, open ditches, streets and waterways.
 - Washout facilities should only be for chute and tools washing. Truck washout and remaining concrete should be taken back to the plant.
 - On smaller jobs a portable concrete washout facility is acceptable. For construction sites use the standards set forth in the Illinois Urban Manual (Practice Standard 954).
<http://www.aiswcd.org/IUM/index.html>
 - Washouts should be large enough to contain liquid and concrete waste generated by washout operations.
 - Cover the washout area if there is a risk of overflows during rainstorms.
 - Keep washout areas a minimum of 50 feet from storm drains, open ditches and water bodies and install signs for locating the washout.
 - Replace plastic liner (30 mil) after every cleaning.
- Construct a stabilized construction entrance if washout isn't along stabilized surface to avoid tracking onto the street.
 - Inspect washout daily to assure sidewalls are intact, leaks are absent, liner is not torn or ripped and there is adequate capacity remaining.
 - Washout facilities must be cleaned or new facilities constructed and ready for use, one the washout container is 75% full.
 - Under no circumstances should a washout facility be allowed to overflow.
 - Locate in areas where construction traffic won't damage them.
 - Solidified concrete waste from washout facilities shall be considered Clean Construction or Demolition Debris (CCDD) as per the Illinois Environmental Protection Act (415 ILCS 5) and disposed of in accordance to the Act.



INLET PROTECTION

