



# Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

## Notice of Intent for New or Renewal of General Permit for Discharges from Small Municipal Separate Storm Sewer Systems (MS4's)

### Part I. Municipal (MS4) Contact Information

1. Name of Municipality: City of Palos Heights MS4 #: ILR400417  
 Population (based on 2010 census): 12,352
2. MS4 Mailing Address: 7607 W College Drive City: Palos Heights, IL Zip: 60463
3. Primary MS4 Contact Person (Authorized Representative for MS4 Permit)  
 Name: Adam Jasinski Title: Director of Public Works  
 Phone: (708) 361-1806 Email Address: ajasinski@palosheights.org

### General Information

4. Latitude and Longitude at approximate geographical center of MS4 for which you are requesting authorization to discharge:  
 Latitude: 41 39 44 Longitude: 87 47 34  
 Degrees Minutes Seconds Degrees Minutes Seconds
5. Community Type: City Other: \_\_\_\_\_
6. Name(s) of governmental entity(ies) in which MS4 is located:
- | City/Village  | Township     | County |
|---------------|--------------|--------|
| Palos Heights | Palos, Worth | Cook   |
7. Area of land within your MS4 in square miles: 4
8. Percent of MS4 served by combined sewer: 0 Percent of MS4 served by separate sewer: 100

### Impaired Waters

The most recent 303(d) list may be found at <https://www2.illinois.gov/epa/topics/water-quality/watershed-management/tmdl/Pages/303d-list.aspx>. Information regarding TMDLs may be found at <https://www2.illinois.gov/epa/topics/water-quality/watershed-management/tmdl/Pages/default.aspx>.

9.

Name(s) of known receiving waters (in and within 3 miles of MS4 area)	Impairment listed on 303d List or TMDL?
Calumet Sag Channel	<input checked="" type="radio"/> Yes <input type="radio"/> No
Navajo Creek	<input type="radio"/> Yes <input checked="" type="radio"/> No
Lake Katherine	<input type="radio"/> Yes <input checked="" type="radio"/> No
Lake Arrowhead	<input type="radio"/> Yes <input checked="" type="radio"/> No

9a. If impaired, which potential causes and source?

Causes: Mercury; Oxygen, Dissolved; TSS; pH Source: IEPA website

9b. Are the receiving waterbodies included in an approved TMDL or alternate water quality management plan?  Yes  No

9c. Is the MS4 community included in the chloride variance?  Yes  No

## Program Responsibility

### 10. Shared Responsibility

Is your MS4 responsible for any permit requirements of another MS4 community?  Yes  No

Does your MS4 Community rely on another MS4 to satisfy any of the permit requirements?  Yes  No

### 11. Co-Permittee

Is your MS4 Community a Co-Permittee with another MS4 Community?  Yes  No

### 12. Other contacts responsible for implementation or coordination of Stormwater Management Program

Name: Frank Giordano Title: Building Commissioner

Phone: (708) 361-1804 Email: FGiordano@palosheights.org

Area of Responsibility: New/Old Construction Inspection, BMP implementation, erosion control

Part II. Best Management Practices (include shared responsibilities) which have been implemented or are proposed to be implemented in the MS4 area

**A. Public Education and Outreach**

Approximate date first implemented: 2003 Frequency of each BMP program: Yearly

**Qualifying Local Programs**

A link is provided on the City website which provides information on the Stormwater Management Plan and other topics related to storm water quality.

Pet Waste Management - Ordinance 91.12B

"Clean up after pet" signs already in place

Monitor number citations issued under the enforcement of the ordinance

**Measurable Goals (include shared responsibilities)**

A.1 Distributed Paper Material

**Brief Description of BMP**

Distributed Paper Material: A number of pamphlets and brochures related to BMPs and stormwater management have been produced by IEPA and other regulatory agencies. The City of Palos Heights makes these publications available for pickup and review at the building department during permitting process.

**Measurable Goals, including frequencies**

Develop pamphlets to educate homeowners about ways to improve the quality of stormwater runoff.

Record numbers of pamphlets and newsletters distributed annually.

Add information about green construction and climate change to the information that the City has available.

**Milestones**

Year 1: Compile information about green construction and climate change to be posted on the website and future pamphlets

Year 2: Review the published material for any updates, update the material as necessary.

Year 3: Review the published material for any updates, update the material as necessary.

Year 4: Review the published material for any updates, update the material as necessary.

Year 5: Review the published material for any updates, update the material as necessary.

**Additional Info**

BMP Number: \_\_\_\_\_

A.2 Speaking Engagement

A.3 Public Service Announcement

**Brief Description of BMP**

The City will use its website and social media outlets to update residents concerning water quality and stormwater.

**Measurable Goals, including frequencies**

Record the number of PSAs

**Milestones**

Year 1: Review information broadcast with current regulations/codes and update broadcast material as necessary.

- Year 2:
- Year 3:
- Year 4:
- Year 5:

Additional Info

BMP Number: \_\_\_\_\_

A.4 Community Event

Brief Description of BMP

Volunteer work days at Lake Katherine Nature Center  
Annual Navajo Creek Clean Day

Measurable Goals, including frequencies

Increase number of volunteer days and activities.

Milestones

- Year 1:
- Year 2:
- Year 3:
- Year 4:
- Year 5:

Additional Info

BMP Number: \_\_\_\_\_

A.5 Classroom Education Material

A.6 Other Public Education

Brief Description of BMP

Links created on the City website to provide information concerning water quality, stormwater, local events and community stormwater projects. Information classes are held at Lake Katherine Nature Center.

Measurable Goals, including frequencies

Articles developed and placed on City and Lake Katherine Center website, record number of articles and number of visits to the site monthly.

Milestones

- Year 1:
- Year 2:
- Year 3:
- Year 4:
- Year 5:

Additional Info

BMP Number: \_\_\_\_\_

**B. Public Participation/Involvement**

Approximate date first implemented: 2016 Frequency of each BMP program: yearly

Qualifying Local Programs

Measurable Goals (include shared responsibilities)

- B.2 Educational Volunteer
- B.3 Stakeholder Meeting
- B.4 Public Hearing

Brief Description of BMP

Measurable Goals, including frequencies

Milestones

- Year 1:
- Year 2:
- Year 3:
- Year 4:
- Year 5:

Additional Info

BMP Number: \_\_\_\_\_

- B.5 Volunteer Monitoring
- B.6. Program Involvement
- B.7 Other Public Involvement

**Brief Description of BMP**

Building Department is responsible for receiving phone calls, e-mails from the public. General public can report issues on City website or MWRD mobile app.

**Measurable Goals, including frequencies**

Record number of phone calls and emails on a monthly basis

**Milestones**

Year 1: Record information received.

Year 2: Record information received.

Year 3: Record information received.

Year 4: Record information received.

Year 5: Record information received.

**Additional Info**

BMP Number: \_\_\_\_\_

**C. Illicit Discharge Detection and Elimination**

Approximate date first implemented: 1988 Frequency of each BMP program: yearly

**Qualifying Local Programs**

Storm (CAD) and Sanitary Atlas (GIS) in place.  
Illegal Dumping - Ordinance 137.31

- C.1 Sewer Map Preparation

**Brief Description of BMP**

Maintain storm and sanitary atlases, update as new projects are constructed. Continue sanitary sewer system modeling in GIS. Develop storm sewer atlas and drainage areas in GIS

**Measurable Goals, including frequencies**

Develop additional layers for Sanitary Sewer GIS map.  
Expansion and conversion of Storm Sewer atlas to GIS format, create additional layers.

**Milestones**

Year 1: Storm Sewer atlas conversion to GIS format, create additional layers.

Year 2: Storm Sewer additional or missing data collection and modeling

Year 3: Storm Sewer additional or missing data collection and modeling

Year 4: Storm Sewer additional or missing data collection and modeling

Measurable Goals (include shared responsibilities)

Year 5: Storm Sewer additional or missing data collection and modeling

Additional Info

BMP Number: \_\_\_\_\_

[Empty text box for additional information]

C.2 Regulatory Control Program

Brief Description of BMP

The City adopted language to prohibit non-storm water discharge into the storm sewer or drainage system

Measurable Goals, including frequencies

The City continuous to enforce the ordinance

Milestones

Year 1: Implement and monitor Illicit Detection and Elimination Program.

Year 2: Implement and monitor Illicit Detection and Elimination Program.

Year 3: Implement and monitor Illicit Detection and Elimination Program.

Year 4: Implement and monitor Illicit Detection and Elimination Program.

Year 5: Implement and monitor Illicit Detection and Elimination Program.

Additional Info

BMP Number: \_\_\_\_\_

[Empty text box for additional information]

C.3 Detection/Elimination Prioritization Plan

Brief Description of BMP

Illicit Discharge Detection and Elimination Plan

Measurable Goals, including frequencies

Flow monitoring to detect illicit discharges, MWRD yearly reporting.

Milestones

Year 1: Collect data from monitoring and input into sewer model. Submit yearly MWRD report.

Year 2: Collect data from monitoring and input into sewer model. Submit yearly MWRD report.

Year 3: Collect data from monitoring and input into sewer model. Submit yearly MWRD report.

Year 4: Collect data from monitoring and input into sewer model. Submit yearly MWRD report.

Year 5: Collect data from monitoring and input into sewer model. Submit yearly MWRD report.

Additional Info

BMP Number: \_\_\_\_\_

C.4 Illicit Discharge Tracing Procedures

Brief Description of BMP

Implement procedures established during original NOI to trace found or observed illicit discharge to their origin.

Measurable Goals, including frequencies

Ongoing yearly smoke testing, dye testing, and excavations are performed where complains or backup causes are difficult to locate. Document illicit discharges.

Milestones

Year 1: 

Ongoing yearly smoke testing, dye testing and excavations to be performed.

Year 2: 

Ongoing yearly smoke testing, dye testing and excavations to be performed.

Year 3: 

Ongoing yearly smoke testing, dye testing and excavations to be performed.

Year 4: 

Ongoing yearly smoke testing, dye testing and excavations to be performed.

Year 5: 

Ongoing yearly smoke testing, dye testing and excavations to be performed.

Additional Info

BMP Number: \_\_\_\_\_

C.5 Illicit Source Removal Procedures

C.6 Program Evaluation and Assessment

C.7 Visual Dry Weather Screening

Brief Description of BMP

Dry weather screening program for illicit connections. During normal building inspections, check for illicit connections to sewer system.

Measurable Goals, including frequencies

Screening storm sewer structures as part of regular cleaning and maintenance. Record number of illicit connections detected and eliminated annually.

Milestones

Year 1: 

Continue screening for illicit connections, eliminate illicit connections. Investigate citizen illicit discharge/illegal dumping, hotline, reports in the field.

Year 2: 

Continue screening for illicit connections, eliminate illicit connections. Investigate citizen illicit discharge/illegal dumping, hotline, reports in the field.

Year 3: 

Continue screening for illicit connections, eliminate illicit connections. Investigate citizen illicit discharge/illegal dumping, hotline, reports in the field.

Year 4: 

Continue screening for illicit connections, eliminate illicit connections. Investigate citizen illicit discharge/illegal dumping, hotline, reports in the field.

Year 5: Continue screening for illicit connections, eliminate illicit connections. Investigate citizen illicit discharge/illegal dumping, hotline, reports in the field.

Additional Info

BMP Number: \_\_\_\_\_

[Empty box for additional information]

- C.8 Pollutant Field Testing
- C.9 Public Notification
- C.10 Other Illicit Discharge Controls

**D. Construction Site Runoff Control**

Approximate date first implemented: \_\_\_\_\_ Frequency of each BMP program: \_\_\_\_\_

Qualifying Local Programs

Construction Entrances Ordinances: Construction Reviewer 151.06F, 152.107; Construction Sequencing 151.23G; Dust Control 151.23(4), 153.109; Construction Site Waste Management 150.21; Preserving Natural Vegetation 153.241, 151.22F, 151.23(2); Rip Rap 151.23; Silt Fence 151.23; Storm Drainage Inlet Protection 151.23; Vegetated Buffer 151.23

Measurable Goals (include shared responsibilities)

- D.1 Regulatory Control Program

Brief Description of BMP

The City is landlocked and very little property is available for future development outside of single-family residential homes. The City issues residential and commercial building permits for applicable projects after approval is granted by the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC) for compliance with its WMO and Sewer Permit Ordinance.

Measurable Goals, including frequencies

Keeping track of new projects and construction activities daily.

Milestones

- Year 1: Maintain tracking permits and construction activities projects within the City.
- Year 2: Maintain tracking permits and construction activities projects within the City.
- Year 3: Maintain tracking permits and construction activities projects within the City.
- Year 4: Maintain tracking permits and construction activities projects within the City.
- Year 5: Maintain tracking permits and construction activities projects within the City.

Additional Info

BMP Number: \_\_\_\_\_

[Empty box for additional information]

- D.2 Erosion and Sediment Control BMPs

Brief Description of BMP

Erosion and Sediment Control BMPs are listed in City Ordinance Section 151.23 and updated as needed.

Measurable Goals, including frequencies

Review current MWRD ordinance against NPDES and revise/update/implement as necessary. Record number of revisions annually.

Milestones

Year 1: Review current codes and regulations, implement revised procedures as necessary.

Year 2: Review current codes and regulations, implement revised procedures as necessary.

Year 3: Review current codes and regulations, implement revised procedures as necessary.

Year 4: Review current codes and regulations, implement revised procedures as necessary.

Year 5: Review current codes and regulations, implement revised procedures as necessary.

Additional Info

BMP Number: \_\_\_\_\_

[Empty text box for BMP Number]

D.3 Other Waste Control Program

D.4 Site Plan Review Procedures

Brief Description of BMP

The City tracks stormwater improvements BMPs with a checklist during plan reviews against MWRD WMO regulations.

Measurable Goals, including frequencies

Number of site plans reviews. Record number of incorrectly and properly received applications monthly.

Milestones

Year 1: Review current checklists and procedures, implement revisions as necessary.

Year 2: Review current checklists and procedures, implement revisions as necessary.

Year 3: Review current checklists and procedures, implement revisions as necessary.

Year 4: Review current checklists and procedures, implement revisions as necessary.

Year 5: Review current checklists and procedures, implement revisions as necessary.

Additional Info

BMP Number: \_\_\_\_\_

[Empty text box for BMP Number]

D.5 Public Information Handling Procedures

D.6 Site Inspection/Enforcement Procedures

Brief Description of BMP

The City will make improvements on the existing construction site inspection procedures including the development and implementation of a temporary BMP checklist and recording of infractions by contractors and developers

Measurable Goals, including frequencies

Record the number of sites inspected monthly. Record number of sites that are in conformance/non-conformance monthly.

Milestones

Year 1: Review and develop inspection procedures.

Year 2: Review and develop inspection procedures.

Year 3: Review and develop inspection procedures.

Year 4: Review and develop inspection procedures.

Year 5: Review and develop inspection procedures.

Additional Info

BMP Number: \_\_\_\_\_

[Empty text box for BMP Number]

D.7 Other Construction Site Runoff Controls

**E. Post-Construction Runoff Control**

Approximate date first implemented: 1992 Frequency of each BMP program: yearly

Qualifying Local Programs

BMP Inspection and Maintenance - Ordinance 151

Measurable Goals (include shared responsibilities)

- E.1 Community Control Strategy
- E.2 Regulatory Control Program
- E.3 Long Term O & M Procedures
- E.4 Pre-Construction Review of BMP Designs

Brief Description of BMP

Improvement of existing site plan review procedures including the development and implementation of a permanent stormwater BMP checklist.

Measurable Goals, including frequencies

Record number of site plans checklist used on monthly. Record number of incorrectly/properly received applications monthly.

Milestones

Year 1: Develop revised procedures and checklists

Year 2: Develop revised procedures and checklists

Year 3: Develop revised procedures and checklists

Year 4: Develop revised procedures and checklists

Year 5: Develop revised procedures and checklists

Additional Info

BMP Number: \_\_\_\_\_

E.5 Site Inspections During Construction

**Brief Description of BMP**

Improvement of existing construction site inspection procedures including the development and implementation of a permanent BMP checklist and recording of infractions by contractors and developers.

**Measurable Goals, including frequencies**

Record the number of sites the checklist is used on monthly. Record number of sites that are in conformance/non-conformance monthly.

**Milestones**

Year 1: Develop revised procedures and checklists

Year 2: Develop revised procedures and checklists

Year 3: Develop revised procedures and checklists

Year 4: Develop revised procedures and checklists

Year 5: Develop revised procedures and checklists

**Additional Info**

BMP Number: \_\_\_\_\_

E.6 Post-Construction Inspections

**Brief Description of BMP**

Improvement of existing post-construction site inspection procedures including the development and implementation of a permanent BMP checklist and recording of infractions by contractors and developers.

**Measurable Goals, including frequencies**

Record the number of sites the checklist is used on monthly. Record number of sites that are in conformance/nonconformance monthly.

**Milestones**

Year 1: Develop revised procedures and checklists

Year 2: Develop revised procedures and checklists

Year 3: Develop revised procedures and checklists

Year 4: Develop revised procedures and checklists

Year 5: Develop revised procedures and checklists

**Additional Info**

BMP Number: \_\_\_\_\_

E.7 Other Post-Construction Runoff Controls

**F. Pollution Prevention/Good Housekeeping**

Approximate date first implemented: 2016 Frequency of each BMP program: yearly

Qualifying Local Programs

Storm Drain System Cleaning: Catch basin cleaning with in-house vacuum; in-house jetting; new construction requirement of vacuuming/jetting and televising. Road Salt Application: Attendance at annual training seminars for chloride reduction.

Measurable Goals (include shared responsibilities)

F.1 Employee Training Program

Brief Description of BMP

Continuation of presence at annual seminars (i.e. proper road salting procedures) and other educational sessions conducted on various topics concerning good housekeeping and pollution prevention.

Measurable Goals, including frequencies

Record number of educational sessions conducted and number of attendees annually. Record number of comments/suggested improvements to housekeeping procedures annually.

Milestones

Year 1: 

Implement improved housekeeping measures

Year 2: 

Implement improved housekeeping measures

Year 3: 

Implement improved housekeeping measures

Year 4: 

Implement improved housekeeping measures

Year 5: 

Implement improved housekeeping measures

Additional Info

BMP Number: \_\_\_\_\_

F.2 Inspection and Maintenance Program

Brief Description of BMP

Monthly inspection of the Spill Containment Control and Countermeasure Plan and facilities.

Measurable Goals, including frequencies

Inspection Maintenance schedule: record number of inspections maintenance/repairs performed monthly.

Milestones

Year 1: 

Maintain inspection and maintenance program and schedule.

Year 2: 

Maintain inspection and maintenance program and schedule.

Year 3: Maintain inspection and maintenance program and schedule.

Year 4: Maintain inspection and maintenance program and schedule.

Year 5: Maintain inspection and maintenance program and schedule.

Additional Info

BMP Number: \_\_\_\_\_

F.3 Municipal Operations Storm Water Control

Brief Description of BMP

Maintenance of storm sewer and stormwater detention facilities

Measurable Goals, including frequencies

Maintenance of storm sewer and stormwater detention facilities monthly and after major rain events.

Milestones

Year 1: Implement required maintenance and inspections monthly or after major rain events.

Year 2: Implement required maintenance and inspections monthly or after major rain events.

Year 3: Implement required maintenance and inspections monthly or after major rain events.

Year 4: Implement required maintenance and inspections monthly or after major rain events.

Year 5: Implement required maintenance and inspections monthly or after major rain events.

Additional Info

BMP Number: \_\_\_\_\_

F.4 Municipal Operations Waste Disposal

Brief Description of BMP

Municipal Operations Waste Disposal: The program completed during the original NOI helps ensure a reduction in the amount and type of pollution that results from the waste disposal operations, such as separate storm sewer systems, roads and parking lots, maintenance and storage yards (including salt/sand storage and snow disposal areas), and waste transfer stations.

Measurable Goals, including frequencies

Implement and adjust municipal operations to minimize waste disposal amounts and pollution.

Milestones

Year 1: Review and develop procedures.

Year 2: Review and develop procedures.

Year 3: Review and develop procedures.

Year 4: Review and develop procedures.

Year 5: Review and develop procedures.

Additional Info

BMP Number: \_\_\_\_\_

[Empty rectangular box for additional information]

F.5 Flood Management/Assess Guidelines

F.6 Other Municipal Operations Controls

**BMPs Currently Implemented and Proposed**

BMP Number	Location

**Approximate Pollutant Reduction Resulting from each BMP**

BMP Number	Pollutant	Reduction

**Instream Monitoring Program**

Is there an instream monitoring program currently in place?  Yes  No

Is an instream monitoring program currently being proposed?  Yes  No

**Sediment Monitoring**

Is sediment monitoring currently taking place?  Yes  No

**Sample Monitoring of Outfalls**

Is sample monitoring of outfalls currently taking place?  Yes  No

**Other Monitoring**

Describe other types of monitoring implemented or proposed to evaluate the BMP effectiveness or water quality impact of stormwater.

[Empty rectangular box for describing other monitoring]

### Part III. Certification

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

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)).

Adam Jasinski

Authorized Representative Name

Director of Public Works

Title

10-08-2021

Authorized Representative Signature

Date

You may complete this form online and save a copy locally before printing and signing the form. It should then be sent to:

Illinois Environmental Protection Agency  
Bureau of Water  
Division of Water Pollution Control  
Attn: Permit Section  
P.O. Box 19276  
1021 North Grand Avenue East  
Springfield, IL 62794-9276

Information required by this form must be provided to comply with 415 ILCS 5/39 (2000). Failure to do so may prevent this form from being processed and could result in your application being denied.