



# Illinois Environmental Protection Agency

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

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

### Part I. General Information

1. MS 4 Operator Name: Village of Carol Stream

2. MS4 Mailing Address: 500 North Gary Avenue

City: Carol Stream

State: IL

3. Operator Type: Village

Other: \_\_\_\_\_

4. Operator Status: Local

Other: \_\_\_\_\_

5. Name(s) of governmental entity(ies) in which MS4 is located:

DuPage County

Carol Stream Park District

6. Area of land that drains to your MS4 in square miles: 8

7. Latitude and Longitude at approximate geographical center of MS4 for which you are requesting authorization to discharge:

Latitude:

N41

Degrees

55

Minutes:

00

Seconds:

Longitude:

W88

Degrees:

08

Minutes:

00

Seconds:

8. Name(s) of known receiving waters

Thunderbird Creek

Klein Creek

Winfield Creek

West Branch Tributary #4 of DuPage River

9. Persons responsible for implementation or coordination of Stormwater Management Program:

Name: James Knudsen Title: Director of Engineering Services Phone: (630) 871-6220

Area of Responsibility: A, B, C, D, E & F

Name: Phil Modaff Title: Director of Public Works Phone: (630) 871-6260

Area of Responsibility: A4, B7, C2, C5, C6, F2, F3 & F4

Name: Bob Mellor Title: Assistant Village Manager Phone: (630) 871-6250

Area of Responsibility: F4

Name: Chris Oakley Title: Assistant to the Village Manager Phone: (630) 871-6250

Area of Responsibility: A1 & A3

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**

Qualifying Local Programs:

Carol Stream will utilize cooperative efforts by DuPage County as identified in Attachment 2 to meet this minimum control measure. See DuPage County's NOI for their final minimum control measure BMP description, measurable goal and milestones.

Measurable Goals (include shared responsibilities)

- A.1 Distributed Paper Material

Brief Description of BMP:

Distribute paper and electronic materials to assist in providing information for programs, procedures, and research to residents and non-residents of Carol Stream. These paper materials provide information about various Village programs, including pond shoreline stream bank stabilization; the promotion of best management practices; and provide general guidance on how to improve water quality throughout the County.

Measurable Goals, including frequencies:

The number of paper and electronic documents distributed per year.

Milestones:

[Go to Additional Pages](#)

Year 1:

Distribute the Village Newsletter, Happenings and 1 brochure.

Year 2:

Distribute the Village Newsletter, Happenings and 1 brochure.

Year 3:

Distribute the Village Newsletter, Happenings and 1 brochure.

Year 4:

Distribute the Village Newsletter, Happenings and 1 brochure.

Distribute the Village Newsletter, Happenings and 1 brochure.

A.2 Speaking Engagement

Brief Description of BMP:

Invite interested parties to speaking engagements as an additional means to provide the public with information on storm water issues, procedures, and information.

Measurable Goals, including frequencies:

The number of speaking engagements invited per year.

Milestones:

Year 1:

Send invitations for 1 speaking engagement.

Year 2:

Send invitations for 1 speaking engagement.

Year 3:

Send invitations for 1 speaking engagement.

Year 4:

Send invitations for 1 speaking engagement.

Year 5:

Send invitations for 1 speaking engagement.

Go to Additional Pages

A.3 Public Service Announcement

Brief Description of BMP:

Prepare and release public service announcements to reach large groups of people and inform them of issues regarding storm water management and water quality.

Measurable Goals, including frequencies:

The number of public service announcements prepared and released per year.

Milestones:

Year 1:

Prepare and release 1 public service announcement.

Year 2:

Prepare and release 1 public service announcement.

Year 3:

Prepare and release 1 public service announcement.

Year 4:

Prepare and release 1 public service announcement.

Year 5:

Prepare and release 1 public service announcement.

Go to Additional Pages

A.4 Community Event

Brief Description of BMP:

Plan, organize and conduct community events to inform residents on issues regarding storm water management and water quality.

Measurable Goals, including frequencies:

The number of community events planned, organized and conducted per year.

Milestones:

Year 1:

Plan, organize and conduct 1 community event.

Year 2:

Plan, organize and conduct 1 community event.

Year 3:

Plan, organize and conduct 1 community event.

Year 4:

Plan, organize and conduct 1 community event.

Year 5:

Plan, organize and conduct 1 community event.

**Go to Additional Pages**

A.5 Classroom Education Material

A.6 Other Public Education (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Continue updating the Village's storm water web page as needed when new and better information becomes available.

Measurable Goals, including frequencies:

Updates, if needed, to the storm water web page per year.

Milestones:

Year 1:

Update the storm water web page if needed.

Year 2:

Update the storm water web page if needed.

Year 3:

Update the storm water web page if needed.

Year 4:

Update the storm water web page if needed.

Year 5:

**Go to Additional Pages**

**B.Public Participation/Involvement**

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

Carol Stream will utilize cooperative efforts by DuPage County as identified in Attachment 2 to meet this minimum control measure. See DuPage County's NOI for their final minimum control measure BMP description, measurable goal and milestones.

- B.2 Educational Volunteer
- B.3 Stakeholder Meeting (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Attend stakeholder meetings that provide the opportunity for individuals and groups of people with a vested interest in storm water management and water quality to exchange ideas and goals.

Measurable Goals, including frequencies:

The number of stakeholder meetings attended per year.

Milestones:

Year 1:

Attend 1 stakeholder meeting.

Year 2:

Attend 1 stakeholder meeting.

Year 3:

Attend 1 stakeholder meeting.

Year 4:

Attend 1 stakeholder meeting.

Year 5:

Attend 1 stakeholder meeting.

**Go to Additional Pages**

- B.4 Public Hearing (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Conduct public hearings or meetings to allow for public comment and involvement. These meetings afford the opportunity for concerned citizens to gain insight into the different storm water policies, procedures, regulations, programs and initiatives. Public hearings can be in the form of informational meetings for private as well as public projects, Plan Commission and Zoning Board of Appeals meetings, Village Board meetings or committee meetings.

Measurable Goals, including frequencies:

The number of public hearings or meetings conducted per year.

Milestones:

Year 1:

Conduct 1 public hearing or meeting.

Year 2:

Conduct 1 public hearing or meeting.

Year 3:

Conduct 1 public hearing or meeting.

Year 4:

Conduct 1 public hearing or meeting.

Year 5:

Conduct 1 public hearing or meeting.

Go to Additional Pages

B.5 Volunteer Monitoring

B.6. Program Involvement (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Review and update the Village's Storm Water Management Program as needed when changes are made.

Measurable Goals, including frequencies:

Updates, if needed, to the Village's Storm Water Management Program per year.

Milestones:

Year 1:

Review and if needed update the Village's Storm Water Management Program.

Year 2:

Review and if needed update the Village's Storm Water Management Program.

Year 3:

Review and if needed update the Village's Storm Water Management Program.

Year 4:

Review and if needed update the Village's Storm Water Management Program.

Year 5:

Review and if needed update the Village's Storm Water Management Program.

Go to Additional Pages

B.7 Other Public Involvement (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Create opportunities for Village residents or businesses to become involved in storm water activities.

Measurable Goals, including frequencies:

The number of opportunities created for public involvement in storm water activities per year.

Milestones:

Year 1:

Create 1 opportunity for public involvement in storm water activities.

Year 2:

Create 1 opportunity for public involvement in storm water activities.

Year 3:

Create 1 opportunity for public involvement in storm water activities.

Year 4:

Create 1 opportunity for public involvement in storm water activities.

Year 5:

Create 1 opportunity for public involvement in storm water activities.

Go to Additional  
Pages

**C. Illicit Discharge Detection and Elimination**

Qualifying Local Programs:

Carol Stream will utilize cooperative efforts by DuPage County as identified in Attachment 2 to meet this minimum control measure. See DuPage County's NOI for their final minimum control measure BMP description, measurable goal and milestones.

Measurable Goals (include shared responsibilities)

C.1 Sewer Map Preparation (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Continue collecting GPS coordinates and attribute data on all the storm sewer network features.

Measurable Goals, including frequencies:

The percentage of the public and private storm sewer network that has been GIS mapped at the end of each year.

Milestones:

Year 1:

Complete 20% of the public and private storm sewer network as a GIS map.

Year 2:

Complete 40% of the public and private storm sewer network as a GIS map.

Year 3:

Complete 60% of the public and private storm sewer network as a GIS map.

Year 4:

Complete 80% of the public and private storm sewer network as a GIS map.

Year 5:

Complete 100% of the public and private storm sewer network as a GIS map.

Go to Additional Pages

C.2 Regulatory Control Program (You may need to go to the next page to fill in this information)



Review and if needed amend the Village's Illicit Discharge Detection and Elimination Ordinance when changes are made.

Measurable Goals, including frequencies:

Amendments, if needed, to the Village's Illicit Discharge Detection and Elimination Ordinance per year.

Milestones:

Year 1:

Review and if needed amend the Illicit Discharge Detection and Elimination Ordinance.

Year 2:

Review and if needed amend the Illicit Discharge Detection and Elimination Ordinance.

Year 3:

Review and if needed amend the Illicit Discharge Detection and Elimination Ordinance.

Year 4:

Review and if needed amend the Illicit Discharge Detection and Elimination Ordinance.

Year 5:

Review and if needed amend the Illicit Discharge Detection and Elimination Ordinance.

Go to Additional Pages

- C.3 Detection/Elimination Prioritization Plan
- C.4 Illicit Discharge Tracing Procedures
- C.5 Illicit Source Removal Procedures (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Provide educational materials and/or instructions to those responsible for an illicit discharge.

Measurable Goals, including frequencies:

The percentage of individuals or parties responsible for an illicit discharge that received educational materials and/or instructions per year.

Milestones:

Year 1:

Provide all individuals/parties responsible for an illicit discharge with educational materials and/or instructions.

Year 2:

Provide all individuals/parties responsible for an illicit discharge with educational materials and/or instructions.

Year 3:

Provide all individuals/parties responsible for an illicit discharge with educational materials and/or instructions.

Year 4:

Provide all individuals/parties responsible for an illicit discharge with educational materials and/or instructions.

Year 5:

Provide all individuals/parties responsible for an illicit discharge with educational materials and/or instructions.

Go to Additional Pages

- C.6 Program Evaluation and Assessment (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Measure how many illicit discharges were removed compared to how many were traced to their source. If there are instances where an illicit discharge source was identified but we were not legally able to remove that discharge the removal procedures and process may need to be modified. Amend procedures as needed.

Measurable Goals, including frequencies:

Amendments, if needed, to the Village's procedures per year.

Milestones:

Year 1:

Compare number of illicit discharges removed against number traced to source, review procedures and amend as necessary.

Year 2:

Compare number of illicit discharges removed against number traced to source, review procedures and amend as necessary.

Year 3:

Compare number of illicit discharges removed against number traced to source, review procedures and amend as necessary.

Year 4:

Compare number of illicit discharges removed against number traced to source, review procedures and amend as necessary.

Year 5:

Compare number of illicit discharges removed against number traced to source, review procedures and amend as necessary.

**Go to Additional Pages**

- C.7 Visual Dry Weather Screening
- C.8 Pollutant Field Testing
- C.9 Public Notification
- C.10 Other Illicit Discharge Controls

**D. Construction Site Runoff Control**

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

Carol Stream will utilize cooperative efforts by DuPage County as identified in Attachment 2 to meet this minimum control measure. See DuPage County's NOI for their final minimum control measure BMP description, measurable goal and milestones.

- D.1 Regulatory Control Program (You may need to go to the next page to fill in this information)

Brief Description of BMP:

As amendments are made to the DuPage County Countywide Storm Water and Flood Plain Ordinance amend the Village's Storm Water Ordinance.

Measurable Goals, including frequencies:

Amendments, if needed, made to the Village Storm Water Ordinance.

Milestones:

Year 1:

If needed amend the Village Storm Water Ordinance.

Year 2:

If needed amend the Village Storm Water Ordinance.

Year 3:

If needed amend the Village Storm Water Ordinance.

Year 4:

If needed amend the Village Storm Water Ordinance.

Year 5:

If needed amend the Village Storm Water Ordinance.

Go to Additional Pages

D.2 Erosion and Sediment Control BMPs

D.3 Other Waste Control Program

D.4 Site Plan Review Procedures (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Review storm water pollution prevention plans (SWPPPs) for compliance with the Village's Storm Water Ordinance.

Measurable Goals, including frequencies:

Reviews of SWPPPs for compliance with the Village's Storm Water Ordinance.

Milestones:

Year 1:

Review SWPPPs for compliance with the Village's Storm Water Ordinance and document number of reviews.

Year 2:

Review SWPPPs for compliance with the Village's Storm Water Ordinance and document number of reviews.

Year 3:

Review SWPPPs for compliance with the Village's Storm Water Ordinance and document number of reviews.

Year 4:

Review SWPPPs for compliance with the Village's Storm Water Ordinance and document number of reviews.

Year 5:

Review SWPPPs for compliance with the Village's Storm Water Ordinance and document number of reviews.

Go to Additional Pages

D.5 Public Information Handling Procedures (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Investigate and resolve drainage and storm water complaints through the Village's Citizen Service Request (CSR) process.

Measurable Goals, including frequencies:

CSRs processed per year.

Milestones:

Year 1:

Process CSRs involving storm water complaints.

Year 2:

Process CSRs involving storm water complaints.

Year 3:

Process CSRs involving storm water complaints.

Year 4:

Process CSRs involving storm water complaints.

Year 5:

Process CSRs involving storm water complaints.

Go to Additional Pages

D.6 Site Inspection/Enforcement Procedures (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Perform SWPPP site inspections and seek to gain voluntary compliance if a violation exists. If necessary proceed with enforcement actions.

Measurable Goals, including frequencies:

SWPPP site inspections performed per year.

Milestones:

Year 1:

Perform and record SWPPP site inspections and where a violation exists seek to gain voluntary compliance. If necessary proceed with enforcement actions.

Year 2:

Perform and record SWPPP site inspections and where a violation exists seek to gain voluntary compliance. If necessary proceed with enforcement actions.

Year 3:

Perform and record SWPPP site inspections and where a violation exists seek to gain voluntary compliance. If necessary proceed with enforcement actions.

Year 4:

Perform and record SWPPP site inspections and where a violation exists seek to gain voluntary compliance. If necessary proceed with enforcement actions.

Year 5:

Perform and record SWPPP site inspections and where a violation exists seek to gain voluntary compliance. If necessary proceed with enforcement actions.

Go to Additional Pages

D.7 Other Construction Site Runoff Controls

**E. Post-Construction Runoff Control**

Qualifying Local Programs:

Carol Stream will utilize cooperative efforts by DuPage County as identified in Attachment 2 to meet this minimum control measure. See DuPage County's NOI for their final minimum control measure BMP description, measurable goal and milestones.

Measurable Goals (include shared responsibilities)

- E.1 Community Control Strategy
- E.2 Regulatory Control Program

Brief Description of BMP:

As amendments are made to the DuPage County Countywide Storm Water and Flood Plain Ordinance amend the Village's Storm Water Ordinance.

Measurable Goals, including frequencies:

Amendments, if needed, made to the Village Storm Water Ordinance.

Milestones:

Year 1:

If needed amend the Village Storm Water Ordinance.

Year 2:

If needed amend the Village Storm Water Ordinance.

Year 3:

If needed amend the Village Storm Water Ordinance.

Year 4:

If needed amend the Village Storm Water Ordinance.

Year 5:

If needed amend the Village Storm Water Ordinance.

**Go to Additional Pages**

- E.3 Long Term O & M Procedures (You may need to go to the next page to fill in this information)

Continue to require and accept storm water management and conveyance easements per the Village's Storm Water Ordinance.

Measurable Goals, including frequencies:

Acceptances of required storm water management and conveyance easements.

Milestones:

Year 1:

Require and accept storm water management and conveyance easements per the Village's Storm Water Ordinance and document the number of acceptances.

Year 2:

Require and accept storm water management and conveyance easements per the Village's Storm Water Ordinance and document the number of acceptances.

Year 3:

Require and accept storm water management and conveyance easements per the Village's Storm Water Ordinance and document the number of acceptances.

Year 4:

Require and accept storm water management and conveyance easements per the Village's Storm Water Ordinance and document the number of acceptances.

Year 5:

Require and accept storm water management and conveyance easements per the Village's Storm Water Ordinance and document the number of acceptances.

Go to Additional Pages

E.4 Pre-Construction Review of BMP Designs (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Perform site plan reviews for BMP compliance with the Village's Storm Water Ordinance.

Measurable Goals, including frequencies:

Reviews of site plans for BMP compliance with the Village's Storm Water Ordinance.

Milestones:

Year 1:

Review site plans for BMP compliance with the Village's Storm Water Ordinance and document number of reviews.

Year 2:

Review site plans for BMP compliance with the Village's Storm Water Ordinance and document number of reviews.

Year 3:

Review site plans for BMP compliance with the Village's Storm Water Ordinance and document number of reviews.

Year 4:

Review site plans for BMP compliance with the Village's Storm Water Ordinance and document number of reviews.

Year 5:

Review site plans for BMP compliance with the Village's Storm Water Ordinance and document number of reviews.

Go to Additional Pages

E.5 Site Inspections During Construction

E.6 Post-Construction Inspections

Brief Description of BMP:

Perform construction BMP site inspections and seek to gain voluntary compliance if a violation exists. If necessary proceed with enforcement actions.

Measurable Goals, including frequencies:

BMP site inspections performed per year.

Milestones:

Year 1:

Perform and record construction BMP site inspections and where a violation exists seek to gain voluntary compliance. If necessary proceed with enforcement actions.

Year 2:

Perform and record construction BMP site inspections and where a violation exists seek to gain voluntary compliance. If necessary proceed with enforcement actions.

Year 3:

Perform and record construction BMP site inspections and where a violation exists seek to gain voluntary compliance. If necessary proceed with enforcement actions.

Year 4:

Perform and record construction BMP site inspections and where a violation exists seek to gain voluntary compliance. If necessary proceed with enforcement actions.

Year 5:

Perform and record construction BMP site inspections and where a violation exists seek to gain voluntary compliance. If necessary proceed with enforcement actions.

Go to Additional Pages

E.7 Other Post-Construction Runoff Controls

**F. Pollution Prevention/Good Housekeeping**

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

Carol Stream will utilize cooperative efforts by DuPage County as identified in Attachment 2 to meet this minimum control measure. See DuPage County's NOI for their final minimum control measure BMP description, measurable goal and milestones.

F.1 Employee Training Program

F.2 Inspection and Maintenance Program (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Inspect and perform catch basin cleaning maintenance once every ten years and vacuum sweep each street 8 times per year.

Measurable Goals, including frequencies:

Number of catch basins cleaned and streets vacuum swept per year.

Milestones:

Year 1:

Inspect and clean 50 catch basins and vacuum sweep each street 8 times per year.

Year 2:

Inspect and clean 50 catch basins and vacuum sweep each street 8 times per year.

Year 3:

Inspect and clean 50 catch basins and vacuum sweep each street 8 times per year.

Year 4:

Inspect and clean 50 catch basins and vacuum sweep each street 8 times per year.

Year 5:

Inspect and clean 50 catch basins and vacuum sweep each street 8 times per year.

[Go to Additional Pages](#)

F.3 Municipal Operations Storm Water Control (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Continue employing both pre-wetting and anti-icing measures in the Village's annual Snow Removal Plan.

Measurable Goals, including frequencies:

Deployment of pre-wetting and anti-icing measures.

Milestones:

Year 1:

Utilize both pre-wetting and anti-icing measures and document quantities.

Year 2:

Utilize both pre-wetting and anti-icing measures and document quantities.

Year 3:

Utilize both pre-wetting and anti-icing measures and document quantities.

Year 4:

Utilize both pre-wetting and anti-icing measures and document quantities.

Year 5:

Utilize both pre-wetting and anti-icing measures and document quantities.

[Go to Additional Pages](#)

F.4 Municipal Operations Waste Disposal (You may need to go to the next page to fill in this information)



Properly dispose of waste removed from the separate storm sewers and areas such as dredge and excess spoil, accumulated sediments, floatables, and other debris.

Measurable Goals, including frequencies:

Properly disposed waste from separate storm sewers, creeks, spoils, etc.

Milestones:

Year 1:

Properly dispose of waste, debris, trash, spoils, etc. and document quantities.

Year 2:

Properly dispose of waste, debris, trash, spoils, etc. and document quantities.

Year 3:

Properly dispose of waste, debris, trash, spoils, etc. and document quantities.

Year 4:

Properly dispose of waste, debris, trash, spoils, etc. and document quantities.

Year 5:

Properly dispose of waste, debris, trash, spoils, etc. and document quantities.

Go to Additional Pages

F.5 Flood Management/Assess Guidelines (You may need to go to the next page to fill in this information)

Brief Description of BMP:

As amendments are made to the DuPage County Countywide Storm Water and Flood Plain Ordinance amend the Village's Storm Water Ordinance.

Measurable Goals, including frequencies:

Amendments, if needed, made to the Village Storm Water Ordinance.

Milestones:

Year 1:

If needed amend the Village Storm Water Ordinance.

Year 2:

If needed amend the Village Storm Water Ordinance.

Year 3:

If needed amend the Village Storm Water Ordinance.

Year 4:

If needed amend the Village Storm Water Ordinance.

Year 5:

If needed amend the Village Storm Water Ordinance.

Go to Additional Pages

F.6 Other Municipal Operations Controls

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)).

James Knudsen

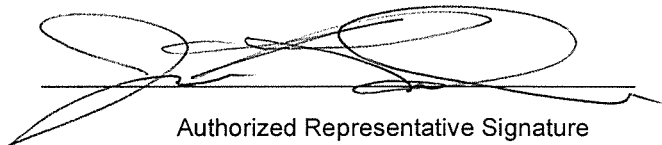
Director of Engineering Services

9/24/13

Authorized Representative Name

Title

Date



Authorized Representative Signature

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

A. Public Education and Outreach

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

Add Another BMP

Delete Last Entry

B. Public Participation/Involvement

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

Add Another BMP

Delete Last Entry

C. Illicit Discharge Detection and

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

Add Another BMP

Delete Last Entry

D. Construction Site Runoff Control

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

Add Another BMP

Delete Last Entry

E. Post-Construction Runoff Control

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

Add Another BMP

Delete Last Entry

F. Pollution Prevention/Good

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

Add Another BMP

Delete Last Entry