

**City of O'Fallon, Illinois
Stormwater NPDES Phase II
Permit Application**

March 2003

Prepared by:



BLACK & VEATCH

Black & Veatch Corporation



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276, 217-782-3397
 JAMES R. THOMPSON CENTER, 100 WEST RANDOLPH, SUITE 11-300, CHICAGO, IL 60601, 312-814-6026

217/782 - 0610

ROD R. BLAGOJEVICH, GOVERNOR

RENEE CIPRIANO, DIRECTOR

10/25/2004
 CITY OF OFALLON
 255 S LINCOLN AVE
 OFALLON, IL. 62269

Re: City Of Ofallon - Municipal Separate Storm Sewer System
 NPDES Permit No. ILR400412 County: St Clair
 Notice of Coverage Under General Permit

Dear NPDES Permittee:

We have received your Notice of Intent and have determined that storm water discharges from your municipal separate storm sewer system are appropriately covered by the attached NPDES general permit issued by the Agency.

The permit as issued covers Notice of Intent requirements, storm water management programs, and monitoring, recordkeeping and reporting requirements. Attached is an Annual Inspection Form that you must complete and submit to the Agency by the first day of June for each year that this permit is in effect.

Failure to meet any portion of the permit could result in civil and/or criminal penalties. The Agency is ready and willing to assist you in interpreting any of the conditions of the permit as they relate to your municipal separate storm sewer system.

Your municipal storm sewer system was automatically covered by this permit 30 days after your Notice of Intent application pursuant to the General Storm Water Permit for MS4's, Part I. Coverage Under This Permit, D. 3. The Agency realizes that you may have implemented part of your program, however, we have reviewed your application for any deficiencies and applicability of the general permit versus an individual permit. The final determination is that the general permit is applicable to your system.

This letter shows your permit number below your name. Please reference this number in all future correspondence. Should you have any questions concerning the permit, please contact the Permit Section at (217) 782 - 0610.

Very truly yours,

Alan Keller, P. E.
 Manager, Permit Section
 Division of Water Pollution Control

Enclosure

AK:MED:\MS4 Coverage Letter

cc: Records Unit

ROCKFORD - 1002 North Main Street, Rockford, IL 61103 - (815) 987-7760 • DES PLAINES - 9511 W. Harrison St., Des Plaines, IL 60016 - (847) 294-4000
 COLLINSVILLE - 595 South State, Elgin, IL 60123 - (847) 608-3131 • PEORIA - 5415 N. University St., Peoria, IL 61614 - (309) 693-5463
 BUREAU OF LAND - PEORIA - 7620 N. University St., Peoria, IL 61614 - (309) 693-5462 • CHAMPAIGN - 2125 South First Street, Champaign, IL 61820 - (217) 278-5800
 SPRINGFIELD - 4500 S. Sixth Street Rd., Springfield, IL 62706 - (217) 786-6892 • COLLINSVILLE - 2009 Mall Street, Collinsville, IL 62234 - (618) 346-5120
 MARION - 2309 W. Main St., Suite 116, Marion, IL 62959 - (618) 993-7200

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

Website address: <http://www.epa.state.il.us/water/permits/storm-water/forms/annual-facility-inspection-ms4.pdf>

Complete each section of this report.

| | | |
|----------------|--------------------|------------------|
| REPORT PERIOD: | FROM: MARCH, _____ | TO: MARCH, _____ |
|----------------|--------------------|------------------|

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

| | | |
|---|-------------------|------|
| NAME: | TELEPHONE NUMBER: | |
| MAILING ADDRESS: | | |
| CITY: | STATE: | ZIP: |
| CONTACT PERSON: (Person responsible for Annual Report) | | |

NAME(S) OF GOVERNMENTAL ENTITY(IES) IN WHICH MS4 IS LOCATED: (As it appears on the current permit)

| | |
|--|--|
| | |
| | |

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.

| | |
|------------|-------|
| SIGNATURE: | DATE: |
|------------|-------|

Please submit inspection reports to:

Illinois Environmental Protection Agency, DWPC
Compliance Assurance Section
1021 North Grand Avenue East, POB 19276
Springfield, Illinois 62794-9276

Information required by this form must be provided to comply with 415 ILCS 5/39 (1996). Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

General NPDES Permit No. ILR40

Illinois Environmental Protection Agency
Division of Water Pollution Control
1021 North Grand East
P.O. Box 19276
Springfield, Illinois 62794-9276

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

**General NPDES Permit
For
Discharges from Small Municipal Separate Storm Sewer Systems**

Expiration Date: February 29, 2008 **Issue Date:** December 20, 2002
Effective Date: March 1, 2003

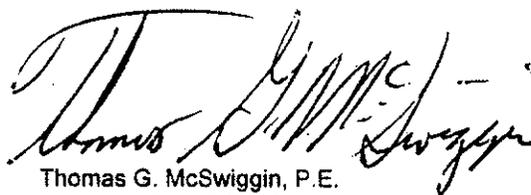
Discharges authorized by this General Permit: In compliance with the provisions of the Illinois Environmental Protection Act, the Illinois Pollution Control Board Rules and Regulations (35 Ill. Adm. Code, Subtitle C, Chapter 1) and the Clean Water Act, the following discharges may be authorized by this permit in accordance with the conditions herein:

Discharges of storm water from small municipal separate storm sewer systems, as defined and limited herein. Storm water means storm water runoff, snow melt runoff, and surface runoff and drainage.

This general permit regulates only storm water discharges. Other discharges such as process wastewater or cooling water shall be regulated by other NPDES permits.

Receiving waters: Discharges may be authorized to any surface water of the State.

To receive authorization to discharge under this general permit, a facility operator must submit an application as described in the permit conditions to the Illinois Environmental Protection Agency. Authorization, if granted, will be by letter and include a copy of this permit.



Thomas G. McSwiggin, P.E.
Manager, Permit Section
Division of Water Pollution Control

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PART I. COVERAGE UNDER THIS PERMIT**A. Permit Area**

This permit covers all areas of the State of Illinois.

B. Eligibility

1. This permit authorizes discharges of storm water from small municipal separate storm sewer systems (MS4s) as defined in 40 CFR 122.26(b)(16) as designated for permit authorization pursuant to 40 CFR 122.32.
2. This permit authorizes the following non-storm water discharges provided they have been determined not to be substantial contributors of pollutants to a particular small MS4 applying for coverage under this permit:
 - water line and fire hydrant flushing,
 - landscape irrigation water,
 - rising ground waters,
 - ground water infiltration,
 - pumped ground water,
 - discharges from potable water sources,
 - foundation drains,
 - air conditioning condensate,
 - irrigation water, (except for wastewater irrigation),
 - springs,
 - water from crawl space pumps,
 - footing drains,
 - storm sewer cleaning water,
 - water from individual residential car washing,
 - routine external building washdown which does not use detergents,
 - flows from riparian habitats and wetlands,
 - dechlorinated pH neutral swimming pool discharges,
 - residual street wash water,
 - discharges or flows from fire fighting activities
 - dechlorinated water reservoir discharges, and
 - pavement washwaters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been removed).
3. Any municipality covered by this general permit is also granted automatic coverage under Permit No. ILR10 for the discharge of storm water associated with construction site activities for municipal construction projects disturbing one acre or more. The permittee shall comply with all the requirements of Permit ILR10 for all such construction projects.

C. Limitations on Coverage

The following discharges are not authorized by this permit:

1. Storm water discharges that are mixed with non-storm water or storm water associated with industrial activity unless such discharges are:
 - a. in compliance with a separate NPDES permit, or
 - b. identified by and in compliance with Part I.B.2 of this permit.

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2. Storm water discharges that the Agency determines are not appropriately covered by this general permit.

D. Obtaining Authorization

In order for storm water discharges from small municipal separate storm sewer systems to be authorized to discharge under this general permit, a discharger must:

1. Submit a Notice of Intent (NOI) in accordance with the requirements of Part II using an NOI form provided by the Agency (or a photocopy thereof) or the appropriate U.S. EPA NOI form.
2. Where the operator changes, or where a new operator is added after the submittal of an NOI under Part II, a new NOI must be submitted in accordance with Part II within 30 days of the change.
3. Unless notified by the Agency to the contrary, dischargers who submit an NOI in accordance with the requirements of this permit are authorized to discharge storm water from small municipal separate storm sewer systems under the terms and conditions of this permit 30 days after the date that the NOI is received. The Agency may deny coverage under this permit and require submittal of an application for an individual NPDES permit based on a review of the NOI or other information.

PART II. NOTICE OF INTENT REQUIREMENTS**A. Deadlines for Notification**

1. If you are an operator of a regulated small municipal separate storm sewer system designated under § 122.32(a)(1), you must apply for coverage under an NPDES permit, or apply for a modification of an existing NPDES permit by March 10, 2003.
2. If you are an operator of a regulated small municipal separate storm sewer system designated under § 122.32(a)(2), you must apply for coverage under an NPDES permit, or apply for a modification of an existing NPDES permit within 180 days of notice, from the Agency or by a later date as specified by the Agency.
3. Submitting a late NOI. You are not prohibited from submitting an NOI after the dates provided in Part II.A.1 and II.A.2. If a late NOI is submitted, your authorization is only for discharges that occur after permit coverage is granted. The Agency reserves the right to take appropriate enforcement actions for any unpermitted discharges.

B. Contents of Notice of Intent

Dischargers seeking coverage under this permit shall submit either the Illinois MS4 NOI form or the U.S. EPA MS4 NOI form. The Notice(s) of Intent shall be signed in accordance with Standard Condition 11 of this permit and shall include the following information:

1. The street address, county, and the latitude and longitude of the municipal office for which the notification is submitted;
2. The name, address, and telephone number of the operator(s) filing the NOI for permit coverage;
3. The name of the receiving water(s); and
4. The following shall be provided as an attachment to the NOI:
 - a. the best management practices (BMPs) to be implemented and the measurable goals for each of the storm water minimum control measures in paragraph IV. B. of this permit designed to reduce the discharge of pollutants to the maximum extent practicable;
 - b. the month and year in which you will start and fully implement each of the minimum control measures or indicate the frequency of the action;
 - c. the person or persons responsible for implementing or coordinating your storm water management program; and
 - d. identification of a local qualifying program if any.

C. The required information shall be submitted to the following address:

Illinois Environmental Protection Agency
 Division of Water Pollution Control
 Permit Section
 Post Office Box 19276
 Springfield, Illinois 62794-9276

D. Shared Responsibilities

You may partner with other MS4s to develop and implement your storm water management program. You may also jointly submit an NOI with one or more MS4s. Each MS4 must fill out the NOI form. The description of your storm water management program must clearly describe which permittees are responsible for implementing each of the control measures.

PART III. SPECIAL CONDITIONS

- A. Your discharges, alone or in combination with other sources, shall not cause or contribute to a violation of any applicable water quality standard outlined in 35 Ill. Adm. Code 302.
- B. If there is evidence indicating that the storm water discharges authorized by this permit cause, or have the reasonable potential to cause or contribute to a violation of water quality standard, you may be required to obtain an individual permit or an alternative general permit or the permit may be modified to include different limitations and/or requirements.
- C. If a total maximum daily load (TMDL) allocation or watershed management plan is approved for any waterbody into which you discharge, you must review your storm water management program to determine whether the TMDL or watershed management plan includes requirements for control of storm water discharges. If you are not meeting the TMDL allocations, you must modify your storm water management program to implement the TMDL or watershed management plan within eighteen months of notification by the Agency of the TMDL's approval. Where a TMDL or watershed management plan is approved, you must:
1. Determine whether the approved TMDL is for a pollutant likely to be found in storm water discharges from your MS4.
 2. Determine whether the TMDL includes a pollutant wasteload allocation (WLA) or other performance requirements specifically for storm water discharge from your MS4.
 3. Determine whether the TMDL addresses a flow regime likely to occur during periods of storm water discharge.
 4. After the determinations above have been made and if it is found that your MS4 must implement specific WLA provisions of the TMDL, assess whether the WLAs are being met through implementation of existing storm water control measures or if additional control measures are necessary.
 5. Document all control measures currently being implemented or planned to be implemented. Also include a schedule of implementation for all planned controls. Document the calculations or other evidence that shows that the WLA will be met.
 6. Describe and implement a monitoring program to determine whether the storm water controls are adequate to meet the WLA.
 7. If the evaluation shows that additional or modified controls are necessary, describe the type and schedule for the control additions/revisions. Continue Paragraphs 4 above through 7 until two continuous monitoring cycles show that the WLAs are being met or that WQ standards are being met.
- D. If this permit is not reissued or replaced prior to the expiration date, it will be administratively continued in accordance with the Administrative Procedures Act and remain in force and effect. Any permittee who was granted permit coverage prior to the expiration date will automatically remain covered by the continued permit until the earlier of:
1. Reissuance or replacement of this permit, at which time you must comply with the Notice of Intent conditions of the new permit to maintain authorization to discharge; or
 2. Your submittal of a Notice of Termination; or
 3. Issuance of an individual permit for your discharges; or
 4. A formal permit decision by the Agency not to reissue this general permit at which time you must seek coverage under an alternative general permit or an individual permit.
- E. The Agency may require any person authorized to discharge by this permit to apply for and obtain either an individual NPDES permit or an alternative NPDES general permit. Any interested person may petition the Agency to take action under this paragraph. The Agency may require any owner or operator authorized to discharge under this permit to apply for an individual NPDES permit only if the owner or operator has been notified in writing that a permit application is required. This notice shall include a brief statement of the reasons for this decision, an application form, a statement setting a deadline for the owner or operator to file the application, and a statement that on the effective date of the individual NPDES permit or the alternative general permit as it applies to the individual permittee, coverage under this general permit shall automatically terminate. The Agency may grant additional time to submit the application upon request of the applicant. If an owner or operator fails to submit in a timely manner an individual NPDES permit application required by the Agency under this paragraph, then the applicability of this permit to the individual NPDES permittee is automatically terminated at the end of the day specified for application submittal.

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- F. Any owner or operator authorized by this permit may request to be excluded from the coverage of this permit by applying for an individual permit. The owner or operator shall submit an individual application with reasons supporting the request, in accordance with the requirements of 40 CFR 122.28, to the Agency. The request will be granted by issuing an individual permit or an alternative general permit if the reasons cited by the owner or operator are adequate to support the request.
- G. When an individual NPDES permit is issued to an owner or operator otherwise subject to this permit, or the owner or operator is approved for coverage under an alternative NPDES general permit, the applicability of this permit to the individual NPDES permittee is automatically terminated on the issue date of the individual permit or the date of approval for coverage under the alternative general permit, whichever the case may be.
- H. When an individual NPDES permit is denied to an owner or operator otherwise subject to this permit, or the owner or operator is denied coverage under an alternative NPDES general permit the applicability of this permit to the individual NPDES permitted is automatically terminated on the date of such denial, unless otherwise specified by the Agency.

PART IV. STORM WATER MANAGEMENT PROGRAMS

A. Requirements

You must develop, implement, and enforce a storm water management program designed to reduce the discharge of pollutants from your small municipal separate storm sewer system to the maximum extent practicable (MEP), to protect water quality, and to satisfy the appropriate water quality requirements of the Illinois Pollution Control Board Rules and Regulations (35 Ill. Adm. Code, Subtitle C, Chapter 1) and the Clean Water Act. Your storm water management program must include the minimum control measures described in section B of this Part. You must develop and implement your program by five years from your coverage date under this permit.

B. Minimum Control Measures

The 6 minimum control measures to be included in your storm water management program are:

1. Public education and outreach on storm water impacts

You must:

- a. implement a public education program to distribute educational materials to the community or conduct equivalent outreach activities about the impacts of storm water discharges on water bodies and the steps that the public can take to reduce pollutants in storm water runoff; and
- b. define appropriate BMPs for this minimum control measure and measurable goals for each BMP. These measurable goals must ensure the reduction of all of the pollutants of concern in your storm water discharges to the maximum extent practicable.

2. Public Involvement/Participation

You must:

- a. at a minimum, comply with State and local public notice requirements when implementing a public involvement/participation program; and
- b. define appropriate BMPs for this minimum control measure and measurable goals for each BMP, which must ensure the reduction of all of the pollutants of concern in your storm water discharges to the maximum extent practicable.

3. Illicit discharge detection and elimination

You must:

- a. develop, implement and enforce a program to detect and eliminate illicit discharges into your small MS4.
- b. develop, if not already completed, a storm sewer system map, showing the location of all outfalls and the names and location of all waters that receive discharges from those outfalls;
- c. to the extent allowable under state or local law, effectively prohibit, through ordinance, or other regulatory mechanism, non-storm water discharges into your storm sewer system and implement appropriate enforcement procedures and actions;
- d. develop, implement, and adequately fund a plan to detect and address non-storm water discharges, including illegal dumping, to your system;
- e. inform public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste;

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- f. address the categories of non-storm water discharges listed in Section I.B.2 only if you identify them as significant contributor of pollutants to your small MS4 (discharges or flows from the fire fighting activities are excluded from the effective prohibition against non-storm water and need only be addressed where they are identified as significant sources of pollutants to waters of the United States); and
- g. define appropriate BMPs for this minimum control measure and measurable goals for each BMP. These measurable goals must ensure the reduction of all of the pollutants of concern in your storm water discharges to the maximum extent practicable.

4. Construction site storm water runoff control

You must:

- a. develop, implement, and enforce a program to reduce pollutants in any storm water runoff to your small MS4 from construction activities that result in a land disturbance of greater than or equal to one acre. Reduction of storm water discharges from construction activity disturbing less than one acre must be included in your program if that construction activity is part of a larger common plan of development or sale that would disturb one acre or more or has been designated by the permitting authority.

Your program must include the development and implementation of, at a minimum:

- i. an ordinance or other regulatory mechanism to require erosion and sediment controls, as well as sanctions to ensure compliance, to the extent allowable under state or local law;
- ii. requirements for construction site operators to implement appropriate erosion and sediment control best management practices;
- iii. requirements for construction site operators to control waste such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste at the construction site that may cause adverse impacts to water quality;
- iv. require all regulated construction sites to have a storm water pollution prevention plan that meets the requirements of Part IV of NPDES permit No. ILR10 including management practices, controls, and other provisions at least as protective as the requirements contained in the Illinois Urban Manual, 2002;
- v. procedures for site plan review which incorporate consideration of potential water quality impacts and review of individual pre-construction site plans to ensure consistency with local sediment and erosion control requirements;
- vi. procedures for receipt and consideration of information submitted by the public; and
- vii. procedures for site inspections and enforcement of control measures.

- b. define appropriate BMPs for this minimum control measure and measurable goals for each BMP. These measurable goals must ensure the reduction of all of the pollutants of concern in your storm water discharges to the maximum extent practicable.

5. Post-construction storm water management in new development and redevelopment

You must:

- a. develop, implement, and enforce a program to address storm water runoff from new development and redevelopment projects that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale or that have been designated to protect water quality, that discharge into your small MS4. Your program must ensure that controls are in place that would protect water quality and reduce the discharge of pollutants to the maximum extent practicable;
- b. develop and implement strategies which include a combination of structural and/or non-structural BMPs appropriate for your community that will reduce the discharge of pollutants to the maximum extent practicable;
- c. use an ordinance or other regulatory mechanism to address post-construction runoff from new development and redevelopment projects to the extent allowable under state or local law;
- d. require all regulated construction sites to have post-construction management that meets or exceeds the requirements of Section IV (D)(2)(b) of NPDES permit No. ILR10 including management practices, controls, and other provisions at least as protective as the requirements contained in the Illinois Urban Manual, 2002;
- e. ensure adequate long-term operation and maintenance of BMPs; and

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- f. define appropriate BMPs for this minimum control measure and measurable goals for each BMP. These measurable goals must ensure the reduction of all of the pollutants of concern in your storm water discharges to the maximum extent practicable.

6. Pollution prevention/good housekeeping for municipal operations

You must:

- a. develop and implement an operation and maintenance program that includes a training component and is designed to prevent and reduce the discharge of pollutants to the maximum extent practicable.
- b. using training materials that are available from EPA, the state of Illinois, or other organizations, your program must include employee training to prevent and reduce storm water pollution from activities such as park and open space maintenance, fleet and building maintenance, operation of storage yards, snow disposal, new construction and land disturbances, and storm water system maintenance procedures for proper disposal of street cleaning debris and catch basin material, address ways that flood management projects impact water quality, nonpoint source pollution control, and aquatic habitat; and
- c. define appropriate BMPs for this minimum control measure and measurable goals for each BMP. These measurable goals must ensure the reduction of all of the pollutants of concern in your storm water discharges to the maximum extent practicable.

C. Qualifying State, County, or Local Program

If an existing qualifying local program requires you to implement one or more of the minimum control measures of B. above, you may follow that qualifying program's requirements rather than the requirements of B. above. A qualifying local program is a local, county or state municipal storm water management program that imposes, at a minimum, the relevant requirements of Section B. Any qualifying local programs that you intend to follow shall be specified in your storm water management plan.

D. Sharing Responsibility

1. Implementation of one or more of the minimum measures may be shared with another entity, or the entity may fully take over the measure. You may rely on another entity only if:
 - a. The other entity, in fact, implements the control measure;
 - b. The particular control measure, or component of that measure is at least as stringent as the corresponding permit requirement.
 - c. The other entity agrees to implement the control measure on your behalf. Written acceptance of this obligation is expected. This obligation must be maintained as part of the description of your storm water management program. If the other entity agrees to report on the minimum measure, you must supply the other entity with the reporting requirements contained in Section V (C) of this permit. If the other entity fails to implement the control measure on your behalf, then you remain liable for any discharges due to that failure to implement.

E. Reviewing and Updating Storm Water Management Programs

1. Storm Water Management Program Review: You must do an annual review of your Storm Water Management Program in conjunction with preparation of the annual report required under Part V.(C).
2. Storm Water Management Program Update: You may change your Storm Water Management Program during the life of the permit in accordance with the following procedures:
 - a. Changes adding (but not subtracting or replacing) components, controls, or requirements to the Storm Water Management Program may be made at any time upon written notification to the Agency; and
 - b. Changes replacing an ineffective or unfeasible BMP specifically identified in the Storm Water Management Program with an alternate BMP may be requested at any time. Unless denied by the Agency, changes proposed in accordance with the criteria below shall be deemed approved and may be implemented 60 days from submittal of the request. If request is denied, the Agency will send you a written response giving a reason for the decision. Your modification requests must include the following:
 1. An analysis of why the BMP is ineffective or infeasible (including cost prohibitive);
 2. Expectations on the effectiveness of the replacement BMP; and
 3. An analysis of why the replacement BMP is expected to achieve the goals of the BMP to be replaced.
 - c. Change requests or notifications must be made in writing and signed in accordance with Standard Condition II of Attachment H.

3. Storm Water Management Program Updates Required by the Agency. The Agency may require changes to the Storm Water Management Program as needed to:
 - a. Address impacts on receiving water quality caused, or contributed to, by discharges from the municipal separate storm sewer system;
 - b. Include more stringent requirements necessary to comply with new federal statutory or regulatory requirements; or
 - c. Include such other conditions deemed necessary by the Agency to comply with the goals and requirements of the Clean Water Act.
 - d. Changes requested by the Agency must be made in writing, set forth the time schedule for you to develop the changes, and offer you the opportunity to propose alternative program changes to meet the objective of the requested modification. All changes required by the Permitting Authority will be made in accordance with 40 CFR 124.5, 40 CFR 122.62, or as appropriate 40 CFR 122.63.

PART V. MONITORING, RECORDKEEPING AND REPORTING

A. Monitoring

You must evaluate program compliance, the appropriateness of your identified best management practices, and progress towards achieving your identified measurable goals, which must include reducing the discharge of pollutants to the maximum extent practicable (MEP).

B. Recordkeeping

You must keep records required by this permit for at least 3 years. All records shall be kept onsite or locally available and shall be made accessible to the Agency for review at the time of an on-site inspection. You must submit your records to the Agency only when specifically asked to do so. You must make your records, including your notice of intent (NOI) and your storm water management plan, available to the public at reasonable times during regular business hours within 10 working days of its approval by the permitting authority. (You may assess a reasonable charge for copying. You may require a member of the public to provide advance notice, not to exceed seven working days.) Storm sewer maps may be withheld for security reasons.

C. Reporting

You must submit annual reports to the Agency by the first day of June for each year that this permit is in effect. The first report is due June 1, 2004. Each report shall cover the period from March of the previous year through March of the current year. Your report must include:

1. 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;
2. Results of information collected and analyzed, including monitoring data, if any, during the reporting period;
3. A summary of the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule);
4. A change in any identified best management practices or measurable goals that apply to the program elements; and
5. Notice that you are relying on another government entity to satisfy some of your permit obligations (if applicable).
6. Municipal storm water inspection reports shall be submitted to the following address:

Illinois Environmental Protection Agency
 Division of Water Pollution Control
 Compliance Assurance Section
 Municipal Annual Inspection Report
 1021 North Grand Avenue East
 P.O. Box 19276
 Springfield, Illinois 62794-9276

PART VI. DEFINITIONS AND ACRONYMS (SEE ALSO SPECIAL CONDITIONS)

All definitions contained in Section 502 of the Clean Water Act, 40 CFR 122, and 35 Ill. Adm. Code 309 shall apply to this permit and are incorporated herein by reference. For convenience, simplified explanations of some regulatory/statutory definitions have been provided, but in the event of a conflict, the definition found in the statute or regulation takes precedence:

Best Management Practices (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the state. BMPs also include treatment requirements, operating procedures, and practices to control runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

BMP is an acronym for "Best Management Practices."

CFR is an acronym for "Code of Federal Regulations."

Control Measure as used in this permit, refers to any Best Management Practice or other method used to prevent or reduce the discharge of pollutants to waters of the United States.

CWA or The Act means the Clean Water Act (formerly referred to as the Federal Water Pollution Control Act or Federal Water Pollution Control Act Amendments of 1972) Pub. L. 92-500, as amended Pub. L. 95-217, Pub. L. 95-576, Pub. L. 96-483 and Pub. L. 97-117, 33 U.S.C. 1251 et. seq.

Discharge, when used without a qualifier, refers to discharge of a pollutant as defined at 40 CFR 122.2.

Illicit Connection means any man-made conveyance connecting an illicit discharge directly to a municipal separate storm sewer.

Illicit Discharge is defined at 40 CFR 122.26(b)(2) and refers to any discharge to a municipal separate storm sewer that is not composed entirely of storm water, except discharges authorized under an NPDES permit (other than the NPDES permit for discharges from the MS4) and discharges resulting from fire fighting activities.

MEP is an acronym for "Maximum Extent Practicable," the technology-based discharge standard for Municipal Separate Storm Sewer Systems to reduce pollutants in storm water discharges that was established by CWA Section 402(p). A discussion of MEP as it applies to small MS4s is found at 40 CFR 122.34.

MS4 is an acronym for "Municipal Separate Storm Sewer System" and is used to refer to either a Large, Medium, or Small Municipal Separate Storm Sewer System (e.g. "the Dallas MS4"). The term is used to refer to either the system operated by a single entity or a group of systems within an area that are operated by multiple entities (e.g., the Houston MS4 includes MS4s operated by the city of Houston, the Texas Department of Transportation, the Harris County Flood Control District, Harris County, and others).

Municipal Separate Storm Sewer is defined at 40 CFR 122.26(b)(8) and means a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains): (i) Owned or operated by a State, city, town, borough, county, parish, district, association, or other public body (created by or pursuant to State law) having jurisdiction over disposal of sewage, industrial wastes, storm water, or other wastes, including special districts under State law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under Section 208 of the CWA that discharges to waters of the United States; (ii) Designed or used for collecting or conveying storm water; (iii) Which is not a combined sewer; and (iv) Which is not part of a Publicly Owned Treatment Works (POTW) as defined at 40 CFR 122.2.

NOI is an acronym for "Notice of Intent" to be covered by this permit and is the mechanism used to "register" for coverage under a general permit.

NPDES is an acronym for "National Pollutant Discharge Elimination System."

Outfall is defined at 40 CFR 122.26(b)(9) and means a point source as defined by 40 CFR 122.2 at the point where a municipal separate storm sewer discharges to waters of the United States and does not include open conveyances connecting two municipal storm sewers, or pipes, tunnels or other conveyances which connect segments of the same stream or other waters of the United States and are used to convey waters of the United States.

Owner or Operator is defined at 40 CFR 122.2 and means the owner or operator of any "facility or activity" subject to regulation under the NPDES program.

Permitting Authority means the Illinois EPA.

Point Source is defined at 40 CFR 122.2 and means any discernable, confined and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, landfill leachate collection system, vessel or other floating craft from which pollutants are or may be discharged. This term does not include return flows from irrigated agriculture or agricultural storm water runoff.

Qualifying Local Program is defined at 40 CFR 122.34(c) and means a local, state, or Tribal municipal storm water management program that imposes, at a minimum, the relevant requirements of paragraph (b) of Section 122.34.

Small Municipal Separate Storm Sewer System is defined at 40 CFR 122.26(b)(16) and refers to all separate storm sewers that are owned or operated by the United States, a State [sic], city, town, borough, county, parish, district, association, or other public body (created by or pursuant to State [sic] law) having jurisdiction over disposal of sewage, industrial wastes, storm water, or other wastes, including special districts under State law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under Section 208 of the CWA that discharges to waters of the United States, but is not defined as "large" or "medium" municipal separate storm sewer system. This term includes systems similar to separate storm sewer systems in municipalities, such as systems at military bases, large hospital or prison complexes, and highways and other thoroughfares. The term does not include separate storm sewers in very discrete areas, such as individual buildings.

Storm Water is defined at 40 CFR 122.26(b)(13) and means storm water runoff, snowmelt runoff, and surface runoff and drainage.

Storm Water Management Program (SWMP) refers to a comprehensive program to manage the quality of storm water discharged from the municipal separate storm sewer system.

SWMP is an acronym for "Storm Water Management Program."

TMDL is an acronym for "Total Maximum Daily Load."

Waters (also referred to as waters of the state or receiving water) is defined at Section 301.440 of Title 35, Subtitle C, Chapter I of the Illinois Pollution Control Board Regulations and means all accumulations 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, except that sewers and treatment works are not included except as specially mentioned; provided, that nothing herein contained shall authorize the use of natural or otherwise protected waters as sewers or treatment works except that in-stream aeration under Agency permit is allowable.

"You" and "Your" as used in this permit is intended to refer to the permittee, the operator, or the discharger as the context indicates and that party's responsibilities (e.g., the city, the country, the flood control district, the U.S. Air Force, etc.).

ILR00DLK.-mdWPD

Attachment H
Standard Conditions
Definitions

Act means the Illinois Environmental Protection Act, 415 ILCS 5 as Amended.

Agency means the Illinois Environmental Protection Agency.

Board means the Illinois Pollution Control Board.

Clean Water Act (formerly referred to as the Federal Water Pollution Control Act) means Pub. L. 92-500, as amended. 33 U.S.C. 1251 et seq.

NPDES (National Pollutant Discharge Elimination System) means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under Sections 307, 402, 318 and 405 of the Clean Water Act.

USEPA means the United States Environmental Protection Agency.

Daily Discharge means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the Adaily discharge@ is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurements, the Adaily discharge@ is calculated as the average measurement of the pollutant over the day.

Maximum Daily Discharge Limitation (daily maximum) means the highest allowable daily discharge.

Average Monthly Discharge Limitation (30 day average) means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

Average Weekly Discharge Limitation (7 day average) means the highest allowable average of daily discharges over a calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week.

Best Management Practices (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

Aliquot means a sample of specified volume used to make up a total composite sample.

Grab Sample means an individual sample of at least 100 milliliters collected at a randomly-selected time over a period not exceeding 15 minutes.

24 Hour Composite Sample means a combination of at least 8 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over a 24-hour period.

8 Hour Composite Sample means a combination of at least 3 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over an 8-hour period.

Flow Proportional Composite Sample means a combination of sample aliquots of at least 100 milliliters collected at periodic intervals such that either the time interval between each aliquot or the volume of each aliquot is proportional to either the stream flow at the time of sampling or the total stream flow since the collection of the previous aliquot.

- (1) Duty to comply. The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action, permit termination, revocation and reissuance, modification, or for denial of a permit renewal application. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.
- (2) Duty to reapply. If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. If the permittee submits a proper application as required by the Agency no later than 180 days prior to the expiration date, this permit shall continue in full force and effect until the final Agency decision on the application has been made.
- (3) Need to halt or reduce activity not a defense. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- (4) Duty to mitigate. The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.
- (5) Proper operation and maintenance. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up, or auxiliary facilities, or similar systems only when necessary to achieve compliance with the conditions of

the permit

- (6) Permit actions. This permit may be modified, revoked and reissued, or terminated for cause by the Agency pursuant to 40 CFR 122.62. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
- (7) Property rights. This permit does not convey any property rights of any sort, or any exclusive privilege.
- (8) Duty to provide information. The permittee shall furnish to the Agency within a reasonable time, any information which the Agency may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also furnish to the Agency, upon request, copies of records required to be kept by this permit.
- (9) Inspection and entry. The permittee shall allow an authorized representative of the Agency, upon the presentation of credentials and other documents as may be required by law to:
 - (a) Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
 - (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
 - (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
 - (d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance, or as otherwise authorized by the Act, any substances or parameters at any location.
- (10) Monitoring and records.
 - (a) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
 - (b) The permittee shall retain records of all monitoring information, including all calibration and maintenance records, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of this permit, measurement, report or application. This period may be extended by request of the Agency at any time.
 - (c) Records of monitoring information shall include:
 - (1) The date, exact place, and time of sampling or measurements;
 - (2) The individual(s) who performed the sampling or measurements;
 - (3) The date(s) analyses were performed;
 - (4) The individual(s) who performed the analyses;
 - (5) The analytical techniques or methods used; and
 - (6) The results of such analyses.
 - (d) Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit. Where no test procedure under 40 CFR Part 136 has been approved, the permittee must submit to the Agency a test method for approval. The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to ensure accuracy of measurements.
- (11) Signatory requirement. All applications, reports or information submitted to the Agency shall be signed and certified.
 - (a) Application. All permit applications shall be signed as follows:
 - (1) For a corporation: by a principal executive officer of at least the level of vice president or a person or position having overall responsibility for environmental matters for the corporation;
 - (2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
 - (3) For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official.
 - (b) Reports. All reports required by permits, or other information requested by the Agency shall be signed by a person described in paragraph (a) or by a duly authorized representative of that person. A person is a duly authorized representative only if:
 - (1) The authorization is made in writing by a person described in paragraph (a); and

- (2) The authorization specifies either an individual or a position responsible for the overall operation of the facility, from which the discharge originates, such as a plant manager, superintendent or person of equivalent responsibility; and
- (3) The written authorization is submitted to the Agency.
- (c) Changes of Authorization. If an authorization under (b) is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of (b) must be submitted to the Agency prior to or together with any reports, information, or applications to be signed by an authorized representative.
- (12) Reporting requirements.
- (a) Planned changes. The permittee shall give notice to the Agency as soon as possible of any planned physical alterations or additions to the permitted facility.
- (b) Anticipated noncompliance. The permittee shall give advance notice to the Agency of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (c) Compliance schedules. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
- (d) Monitoring reports. Monitoring results shall be reported at the intervals specified elsewhere in this permit.
- (1) Monitoring results must be reported on a Discharge Monitoring Report (DMR).
- (2) If the permittee monitors any pollutant more frequently than required by the permit, using test procedures approved under 40 CFR 136 or as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
- (3) Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the Agency in the permit.
- (e) Twenty-four hour reporting. The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and time; and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The following shall be included as information which must be reported within 24 hours:
- (1) Any unanticipated bypass which exceeds any effluent limitation in the permit;
- (2) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Agency in the permit to be reported within 24 hours.
- The Agency may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.
- (f) Other noncompliance. The permittee shall report all instances of noncompliance not reported under paragraphs (12)(c), (d), or (e), at the time monitoring reports are submitted. The reports shall contain the information listed in paragraph (12)(e).
- (g) Other information. Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application, or in any report to the Agency, it shall promptly submit such facts or information.
- (13) Transfer of permits. A permit may be automatically transferred to a new permittee if:
- (a) The current permittee notifies the Agency at least 30 days in advance of the proposed transfer date;
- (b) The notice includes a written agreement between the existing and new permittees containing a specific date for transfer of permit responsibility, coverage and liability between the current and new permittees; and
- (c) The Agency does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement.
- (14) All manufacturing, commercial, mining, and silvicultural dischargers must notify the Agency as soon as they know or have reason to believe:
- (a) That any activity has occurred or will occur which would result in the discharge of any toxic pollutant identified under Section 307 of the Clean Water Act which is not limited in the permit, if that discharge will exceed the highest of the following notification levels:
- (1) One hundred micrograms per liter (100 ug/l);
- (2) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitrophenol and for 2-methyl-4,6 dinitrophenol; and one milligram per liter (1 mg/l) for antimony.
- (3) Five (5) times the maximum concentration value reported for that pollutant in the NPDES permit application; or
- (4) The level established by the Agency in this permit
- (b) That they have begun or expect to begin to use or manufacture as an intermediate or final product or byproduct any toxic pollutant which was not reported in the NPDES permit application
- (15) All Publicly Owned Treatment Works (POTWs) must provide adequate notice to the Agency of the following:
- (a) Any new introduction of pollutants into that POTW from an indirect discharge which would be subject to Sections 301 or 306 of the Clean Water Act if it were directly discharging those pollutants; and
- (b) Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit.
- (c) For purposes of this paragraph, adequate notice shall include information on (i) the quality and quantity of effluent introduced into the POTW, and (ii) any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.
- (16) If the permit is issued to a publicly owned or publicly regulated treatment works, the permittees shall require any industrial user of such treatment works to comply with federal requirements concerning:
- (a) User charges pursuant to Section 204(b) of the Clean Water Act, and applicable regulations appearing in 40 CFR 35;
- (b) Toxic pollutant effluent standards and pretreatment standards pursuant to Section 307 of the Clean Water Act; and
- (c) Inspection, monitoring and entry pursuant to Section 308 of the Clean Water Act.
- (17) If an applicable standard or limitation is promulgated under Section 301(b)(2)(C) and (D), 304(b)(2), or 307(a)(2) and that effluent standard or limitation is more stringent than any effluent limitation in the permit, or controls a pollutant not limited in the permit, the permit shall be promptly modified or revoked, and reissued to conform to that effluent standard or limitation.
- (18) Any authorization to construct issued to the permittee pursuant to 35 Ill. Adm. Code 309.154 is hereby incorporated by reference as a condition of this permit.
- (19) The permittee shall not make any false statement, representation or certification in any application, record, report, plan or other document submitted to the Agency or the USEPA, or required to be maintained under this permit.
- (20) The Clean Water Act provides that any person who violates a permit condition implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed \$10,000 per day of such violation. Any person who willfully or negligently violates permit conditions implementing Sections 301, 302, 306, 307, or 308 of the Clean Water Act is subject to a fine of not less than \$2,500 nor more than \$25,000 per day of violation, or by imprisonment for not more than one year, or both.
- (21) The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under permit shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.
- (22) The Clean Water Act provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit shall, including monitoring reports or reports of compliance or non-compliance shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.
- (23) Collected screening, slurries, sludges, and other solids shall be disposed of in such a manner as to prevent entry of those wastes (or runoff from the wastes) into waters of the State. The proper authorization for such disposal shall be obtained from the Agency and is incorporated as part hereof by reference.
- (24) In case of conflict between these standard conditions and any other condition(s) included in this permit, the other condition(s) shall govern.
- (25) The permittee shall comply with, in addition to the requirements of the permit, all applicable provisions of 35 Ill. Adm. Code, Subtitle C, Subtitle D, Subtitle E, and all applicable orders of the Board.
- (26) The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit is held invalid, the remaining provisions of this permit shall continue in full force and effect.

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
NOTICE OF INTENT
FOR GENERAL PERMIT FOR DISCHARGES FROM
SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
(MS4s)**

Input forms in Word format are available
by via email.
marilyn.davenport@epa.state.il.us
or by calling the Permit Section at
217782-0610
See address for mailing on page 4

For Office Use Only – Permit No. ILR40_____

Part I. General Information

1. MS4 Operator Name: City of O'Fallon, IL

2. MS4 Operator Mailing Address:
Street- 255 South Lincoln City- O'Fallon

State- Illinois Zip Code- 62269

3. Operator Type: City

4. Operator Status: State

5. Name(s) of Governmental Entity(ies) in which MS4 is located: City of O'Fallon, IL

6. Area of land that drains to your MS4 (in square miles): 11

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

Latitude: 38 35 42 Longitude: 89 54 38
DEG. MIN. SEC. DEG. MIN. SEC.

8. Name(s) of known receiving waters: *Attach additional sheets (Attachment 1) as necessary:*

- | | |
|--------------------------|------------------------|
| 1. <u>Richland Creek</u> | 2. <u>Silver Creek</u> |
| 3. <u>Deer Creek</u> | 4. <u>Engle Creek</u> |
| 5. <u>Ogles Creek</u> | 6. _____ |
| 7. _____ | 8. _____ |
| 9. _____ | 10. _____ |

9. Persons Responsible for Implementation/Coordination of Storm Water Management Program:

| <u>Name</u> | <u>Title</u> | <u>Telephone No.</u> | <u>Area of Responsibility</u> |
|----------------------|--|----------------------|--|
| | Director of Engineering and Public Works | 618-624-4500 | Development, coordination, and monitoring of SWMP activities |
| <u>Debra Johnson</u> | Assist City Eng. | 618-624-4500 | |
| <u>Mathew Missey</u> | Assist. City Eng. | 618-624-4500 | |

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.

Part II. Best Management Practices (include shared responsibilities) Proposed to be Implemented in the MS4 Area

(Details of BMP implementation for each checked BMP number, e.g., A.1, E.2, is required in Part IV of this NOI.)

A. Public Education and Outreach

- A.1 Distributed Paper Material
- A.2 Speaking Engagement
- A.3 Public Service Announcement
- A.4 Community Event
- A.5 Classroom Education Material
- A.6 Other Public Education

B. Public Participation/Involvement

- B.1 Public Panel
- B.2 Educational Volunteer
- B.3 Stakeholder Meeting
- B.4 Public Hearing
- B.5 Volunteer Monitoring
- B.6 Program Coordination
- B.7 Other Public Involvement

C. Illicit Discharge Detection and Elimination

- C.1 Storm Sewer Map Preparation
- C.2 Regulatory Control Program
- C.3 Detection/Elimination Prioritization Plan
- C.4 Illicit Discharge Tracing Procedures
- C.5 Illicit Source Removal Procedures
- C.6 Program Evaluation and Assessment
- 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

- D.1 Regulatory Control Program
- D.2 Erosion and Sediment Control BMPs
- D.3 Other Waste Control Program
- D.4 Site Plan Review Procedures
- D.5 Public Information Handling Procedures
- D.6 Site Inspection/Enforcement Procedures
- D.7 Other Construction Site Runoff Controls

E. Post-Construction Runoff Control

- E.1 Community Control Strategy
- E.2 Regulatory Control Program
- E.3 Long Term O&M Procedures
- E.4 Pre-Const Review of BMP Designs
- E.5 Site Inspections During Construction
- E.6 Post-Construction Inspections
- E.7 Other Post-Const Runoff Controls

F. Pollution Prevention/Good Housekeeping

- F.1 Employee Training Program
- F.2 Inspection and Maintenance Program
- F.3 Muni Operations Storm Water Control
- F.4 Municipal Operations Waste Disposal
- F.5 Flood Management/Assess Guidelines
- F.6 Other Municipal Operations Controls

Part III. Qualifying Local Programs

Attach additional sheets (Attachment 2) as necessary:

(Describe any qualifying local programs that you will implement in lieu of new permitting requirements.)

1. Public Education and Outreach:

N/A

2. Public Participation/Involvement:

N/A

3. Illicit Discharge Detection and Elimination:

N/A

4. Construction Site Runoff Control:

N/A

5. Post-Construction Runoff Control:

N/A

6. Pollution Prevention/Good Housekeeping:

N/A

Part IV. Measurable Goals (include shared responsibilities) Proposed to be Implemented by the MS4

(BMP No. should match that checked in Part II of this NOI. The applicant may repeat the same BMP No. where more than one BMP of similar type is to be implemented. Where necessary, attach additional sheets to provide more detail on each specific BMP.)

BMP No. A.1 Distribute Paper Material

Brief Description of BMP: The City will publish or participate in the development of 2 articles in the City newsletter or local newspaper. These publications will reach nearly all households and businesses in the City. Subjects in the first year of the permit will include an introduction to NPDES Phase II, requirement of Phase II, identify opportunities for the community to participate in the SWMP, and location of additional information and City contact for stormwater. Future subjects will be determined. The City will also distribute a brochure/letter to waste haulers and restaurant owners regarding proper management of waste grease, cleaning of grease traps, and waste disposal.

Measurable Goal(s), including frequencies: As it is difficult to measure the effectiveness of the public education program on actual improvements in stormwater run-off quality, especially in the first years of the program, the measurable goals will be the completion of the plan activities, 2 yearly newsletter or newspaper articles. The first prior to August 2003 and the remaining prior to March 10, 2004 and 2 additional newsletter or newspaper articles prior to March of each following year. Distribute brochure/letter to restaurants prior to March 2005.

Milestones:

- Year 1:** 2 articles in the newsletter or newspaper, the first prior to August 2003.
- Year 2:** 2 articles in the City newsletter or local newspaper prior to March 2005. Distribute brochures/letters to local restaurant owners prior to March 2005.
- Year 3:** 2 articles in the City newsletter or local newspaper prior to March 2006.
- Year 4:** 2 articles in the City newsletter or local newspaper prior to March 2007
- Year 5:** 2 articles in the City newsletter or local newspaper prior to March 2008.

BMP No. A.2 Speaking Engagement

Brief Description of BMP: The City will conduct a public meeting with the City Council or Public Works Committee outlining the Phase II program, the resources required, and a schedule of activities prior to September 2003. Advertisement of the meeting will be according to the City's normal procedures. The City staff will meet with interested citizens/citizen groups that expressed interest in learning more about the program or being involved with helping the City to fulfill permit requirements. A public meeting presentation to the City Council or Public Works Committee each following year will summarize each previous year's compliance activities. Notice of council meeting and the newsletter to include announcement of SWMP presentation and meeting will be televised.

Measurable Goal(s), including frequencies: The City will conduct the first public meeting prior to September 2003. Meetings with interested citizens or citizen groups will begin prior to October 2004 and continue based upon requests received. The public meeting presenting the previous year's summary of compliance activities will be conducted prior to September of each year.

Milestones: **Year 1:** Initial presentation at public meeting presented prior to September 2003.
Year 2: Presentation at public meeting presented prior to September 2004. Presentations to citizens groups provided as requested.
Year 3: Presentation at public meeting presented prior to September 2005. Presentations to citizens groups provided as requested.
Year 4: Presentation at public meeting presented prior to September 2006. Presentations to citizens groups provided as requested.
Year 5: Presentation at public meeting presented prior to September 2007. Presentations to citizens groups provided as requested.

BMP No. A.3 Public Service Announcement

Brief Description of BMP: The City will develop an SWMP educational presentation to present on the local cable access channel and present the program to the City council for approval. This may include locally produced presentation or use of State or Federal agency materials to televise. Televise programs developed in years 3, 4 and 5.

Measurable Goal(s), including frequencies: The City will develop the program in year three of the permit compliance and air the announcement/presentation or similar presentation as appropriate the following years.

Milestones: **Year 1:** N/A
Year 2: N/A
Year 3: Develop announcement/presentation and present to the City council for approval.
Year 4: Air Announcement/presentation on local cable access.
Year 5: Air Announcement/presentation on local cable access.

BMP No. A.5 Classroom Educational Material

Brief Description of BMP: The City will contact local school districts to identify educators interested in developing a one-day curriculum on stormwater management. Meet with interested educators identified and work with them to develop the curricula. Work with educators to complete their one-day curricula on proper stormwater management. Work with educators to provide additional information to update their one-day curricula on proper stormwater management.

Measurable Goal(s), including frequencies: The City will contact the school districts prior to March 2004. Meetings with interested educators will be conducted prior to December 2004, and the city and educators will work together to develop curriculum prior to March 2005. The City will work with educators as needed each year and curricula complete by December 2005. Presentations of curriculum to schools begins in the 2005/2006 school year.

Milestones:

Year 1: Contacts with local school districts made prior to March 2004 and a list of educators interested in developing a one-day curriculum compiled.

Year 2: Meetings held with educators conducted prior to December 2004 and materials for curriculum obtained/developed prior to March 2005.

Year 3: Curriculum complete and presentations to school age children on stormwater management begin in 2006.

Year 4: Curriculum updated and presentations to school age children on stormwater management conducted prior to March 2007.

Year 5: Curriculum updated and presentations to school age children on stormwater management conducted prior to March 2008.

BMP No. A.6 Other Public Education

Brief Description of BMP: Develop a web page accessed from the City's website on the SWMP. This will allow the public to see information from their homes and include the information in a centralized location. The website will summarize the SWMP and include other materials generated. Enhance the website by posting articles from the newsletter and newspaper and other relevant material on the SWMP web page and providing links to relevant stormwater management sites like IDNR, IEPA, and EPA. The City will also investigate posting signs at stream crossings and in parks to inform the public of the importance of water quality protection and the hazards of dumping.

Measurable Goal(s), including frequencies: Launch the SWMP web page prior to January 2004. Post newsletter articles and materials within 1 month of when they are published. Provide links to other stormwater quality related sites prior to October 2004. Provide additional links to other sites each year. The webpage will be monitored for the number of hits each year to gauge its effectiveness. Develop signage program prior to October 2004 and present to council for discussion and action by March 2005.

Milestones: **Year 1:** Launch the SWMP web page by January 2004.

Year 2: 4 articles posted prior to March 2005 and links added by October 2004. Develop signage program prior to October 2004 and present to council for discussion and action by March 2005.

Year 3: 4 articles posted prior to March 2006 and links added by October 2005.

Year 4: 4 articles posted prior to March 2007 and links added by October 2006.

Year 5: 4 articles posted prior to March 2008 and links added by October 2007.

BMP No. B.1 Public Panel

Brief Description of BMP: The Public Works Committee meetings will serve as the forum for citizen input. Meeting notifications and newsletter articles will request citizens to attend and participate in Public Works Committee meetings with specific SWMP agendas. The City will promote the SWMP at City Council and Public Works Committee meetings soliciting participation in the program, focusing on identification of programs and groups for inclusion in the SWMP. The City will update the SWMP as appropriate based on Council and citizen input received in each previous year. Present updated SWMP to City Council and Public Works Committee during public meeting for approval.

Measurable Goal(s), including frequencies: The City will advertise and conduct 2 Public Works Committee meetings with SWMP specific agenda items for public input/discussion prior to March 2004. Complete 2 meetings with specific presentation on SWMP participation prior to October 2004. Develop updated SWMP by September of each year. Present to Council and Public Works Committee by December of each year. Forward updated plan to IEPA by March of each following year.

Milestones: **Year 1:** Conduct 2 public meetings on the SWMP prior to March 2004.
Year 2: Conduct 2 public meetings on SWMP participation prior to October 2004.
Year 3: SWMP updated by September 2005, presented to committee and council by December 2005, and submitted to IEPA by March 2006 (as necessary).
Year 4: SWMP updated by September 2005, presented to committee and council by December 2005, and submitted to IEPA by March 2006 (as necessary).
Year 5: SWMP updated by September 2005, presented to committee and council by December 2005, and submitted to IEPA by March 2006 (as necessary).

BMP No. B.2 Educational Volunteer

Brief Description of BMP: See BMP No. A.5

Measurable Goal(s), including frequencies: See BMP No. A.5

Milestones: **Year 1:** See BMP No. A.5
Year 2: See BMP No. A.5
Year 3: See BMP No. A.5
Year 4: See BMP No. A.5
Year 5: See BMP No. A.5

BMP No. B.3 Stakeholder Meeting

Brief Description of BMP: Representatives of the City meet with developers as a stakeholder group to advise the City on potential implementation of a riparian buffer ordinance. City will then investigate enacting a riparian buffer ordinance for new development.

Measurable Goal(s), including frequencies: Meet with developers prior to November 2005. develop and enact riparian buffer zone ordinance by March 2008.

Milestones: **Year 1:** N/A
Year 2: Meeting held.
Year 3: Develop consensus and if appropriate, draft riparian buffer ordinance by March 2007.
Year 4: If approved by council, enact riparian buffer zone ordinance by March 2008.
Year 5: Enforce riparian buffer zone ordinance.

BMP No. B.5 Volunteer Monitoring

Brief Description of BMP: Train appropriate City staff (other than those specifically tasked with illicit discharge detection) and interested citizen groups to recognize dry weather discharges and potential illicit discharges. Utilize the storm water hotline established for reporting of illicit discharges by trained volunteers.

Measurable Goal(s), including frequencies: Complete training prior to March every other year. Investigate each illicit discharge report provided.

Milestones: **Year 1:** Reports of illicit discharges investigated.
Year 2: Staff and citizen group training held as necessary by March 2005. Reports of illicit discharges investigated.
Year 3: Reports of illicit discharges investigated.
Year 4: Staff and citizen group training held as necessary by March 2007. Reports of illicit discharges investigated.
Year 5: Reports of illicit discharges investigated.

BMP No. B.7 Other Public Involvement

Brief Description of BMP: Investigate new and existing public involvement programs that will be promoted through the public outreach and education actions (i.e. clean-up projects, volunteer inspectors and educators, Parks Department summer programs, St. Clair County Household Hazardous Waste Collection, etc.). Identify parties potentially interested in SWMP program development and continue to promote existing City programs and new programs for public participation each year. Continue City support of resident participation in St. Clair County Household Hazardous Waste Collection program, and promote and support clean-up programs by various citizen groups, along with City's existing Arbor Day tree planting program.

Measurable Goal(s), including frequencies: Investigate and identify potential programs to be included in the SWMP prior to March 2004. Prior to March 2005, identify interested parties and schedule events. Continue support and promotion of new and existing programs throughout each year.

Milestones: **Year 1:** Identify programs City will promote for public involvement and identify potential scheduling dates for "O'Fallon Pride" clean-up prior to March 2004.
Year 2: Identify interested groups and activities prior to March 2005. Conduct O'Fallon Pride clean-up prior to March 2005.
Year 3: Place article in City newsletter or local newspaper promoting the St. Clair County Household Hazardous Waste Collection and City programs identified in year 2. Provide City participation such as waste hauling, providing trash bags, providing staff to organize and promote clean-up programs.
Year 4: Same as year 3.
Year 5: Same as year 4.

BMP No. C.1 Storm Sewer Map

Brief Description of BMP: Conduct field investigation of the main open channel and tributary system within the City in years 1 and 2. Field investigation will include walking the waters of the State, locating outfalls, GPS survey of outfalls, and noting whether a dry weather or suspected illicit discharge was occurring. Update sewer system mapping with any new drainage systems constructed and accepted by the City and field collected information. Continue field investigation of the open channel system within the City as necessary to augment information collected in previous years. Periodic re-investigation of the open channel and tributary system within the City as completed for year 1 and 2 activities.

Measurable Goal(s), including frequencies: Main streams and channels will be walked prior to March 2004. Map updated prior to March 2004. Tributaries channels will be walked prior to March 2005. Map updated prior to March 2005. Map updated prior to March 2006. Reinvestigation of system will begin in summer 2007 with main channels reinvestigated prior to March 2008. Addition of new development/storm facilities to the mapping will be ongoing.

Milestones: **Year 1:** Main streams and channels walked, outfalls located, and dry weather discharges noted prior to March 2004. Updated map that includes storm sewer systems and sewers/outfalls newly constructed in 2003 completed by March 2004.
Year 2: Tributary streams and channels walked, outfalls located, and dry weather discharges noted prior to March 2005. Updated map that includes storm sewer systems and sewers/outfalls newly constructed in 2004 completed by March 2005.
Year 3: Updated map that includes storm sewer systems and sewers/outfalls newly constructed in 2005 completed by March 2006.
Year 4: Updated map that includes storm sewer systems and sewers/outfalls newly constructed in 2006 completed by March 2007.
Year 5: Re-investigation begins. Main streams and channels walked, outfalls located, and dry weather discharges noted prior to March 2008. Updated map that includes storm sewer systems and sewers/outfalls newly constructed in 2007 completed by March 2008.

BMP No. C.2 Regulatory Control Program

Brief Description of BMP: Review existing ordinance prohibiting illicit discharges and recommend modifications to ordinance as required to the City Council and Public Works Committee. Work with Public Works Committee and City Council to amend ordinance prohibiting illicit discharges if previously identified as necessary for the stormwater plan. Implement revised ordinance prohibiting illicit discharges.

Measurable Goal(s), including frequencies: Ordinance reviewed and changes recommended prior to March 2004. Ordinance amended as necessary prior to March 2005.

Milestones: **Year 1:** Ordinance reviewed and recommendations presented to City Council and Public Works Committee prior to March 2004.
Year 2: Ordinance amended if necessary prior to March 2005
Year 3: Ordinance implemented and enforced prior to March 2006.
Year 4: Ordinance enforced.
Year 5: Ordinance enforced.

BMP No. C.4 Illicit Discharge Tracing Procedures

Brief Description of BMP: The City will field screen potential illicit discharges detected under BMP No. C.7 the previous year. If the discharge appears to be an illicit discharge, identify source using maps and field investigations of the storm drainage system. Contact owner of source to determine type of discharge. If illicit, work with owner to eliminate discharge using the enforcement provisions of the existing and revised ordinance(s).

Measurable Goal(s), including frequencies: Field screen all potential discharges identified in the previous year and begin elimination prior to March of following year.

Milestones: **Year 1:** Illicit discharge detection occurring.
Year 2: Trace all discharges identified in previous year by March 2005.
Year 3: Trace all discharges identified in previous year by March 2006.
Year 4: Trace all discharges identified in previous year by March 2007.
Year 5: Trace all discharges identified in previous year by March 2008.

BMP No. C.5 Illicit Source Removal Procedures

Brief Description of BMP: If discharges traced under BMP C.4 are found to be illicit, work with owner to eliminate discharge using the enforcement provisions of the existing and revised ordinance(s).

Measurable Goal(s), including frequencies: Begin source removal procedures of any discharge determined illicit.

- Milestones:**
- Year 1:** Illicit discharge detection occurring.
 - Year 2:** Begin elimination of all discharges determined to be illicit prior to March 2005.
 - Year 3:** Begin elimination of all discharges determined to be illicit prior to March 2006.
 - Year 4:** Begin elimination of all discharges determined to be illicit prior to March 2007.
 - Year 5:** Begin elimination of all discharges determined to be illicit prior to March 2008.
-

BMP No. C.7 Visual Dry Weather Screening

Brief Description of BMP: City staff and volunteer monitors will look for illicit discharges through the activities described in BMP No. C.1. and B.5

Measurable Goal(s), including frequencies: Detect potential illicit discharges through regular inspections and volunteer monitoring.

- Milestones:**
- Year 1:** Main streams and channels walked, outfalls located, and dry weather discharges noted prior to March 2004.
 - Year 2:** Tributary streams and channels walked, outfalls located, and dry weather discharges noted prior to March 2005. Non-stormwater inspector staff and citizen group training held as necessary by March 2005.
 - Year 3:** Verify citizen reports of discharges.
 - Year 4:** Non-stormwater inspector staff and citizen group training held as necessary by March 2005. Verify citizen reports of discharges.
 - Year 5:** Main streams and channels walked, outfalls located, and dry weather discharges noted prior to March 2008. Verify citizen reports of discharges.
-

BMP No. D.1 Regulatory Control Program

Brief Description of BMP: The City will review existing stormwater ordinances related to construction activities for the need to revise them to reflect new requirements or plan goals. Amend existing stormwater related ordinances if necessary and develop ordinance or ordinance amendment requiring construction site operators to implement appropriate practices to control waste at construction sites that may cause adverse impacts to water quality. Enact and implement the ordinance amendments requiring site operators to maintain pollution control practices and sanctions for non-compliance. Work with stakeholders to develop consensus and if appropriate, draft riparian buffer ordinance. If deemed appropriate, enact riparian buffer ordinance for new development.

Measurable Goal(s), including frequencies: Ordinances reviewed by March 2004. Ordinances amended if necessary by March 2005. Waste control ordinance written prior to March 2005. Enact waste control ordinance prior to January 2006 and implement enforcement prior to March 2006. Draft riparian buffer ordinance prior to March 2007. Enact riparian buffer ordinance prior to March 2008.

- Milestones:** **Year 1:** Review existing ordinances prior to October 2003. Propose changes to ordinances by March 2004. Investigate construction site waste control requirements for ordinance.
- Year 2:** Existing ordinances amended prior to March 2005. Construction site waste control ordinance and enforcement sanctions ordinance provisions developed prior to March 2005.
- Year 3:** Construction site waste control ordinance and enforcement sanctions ordinances enacted and implemented prior to March 2006.
- Year 4:** Riparian buffer ordinance drafted prior to March 2007.
- Year 5:** Riparian buffer ordinance enacted prior to March 2008.
-

BMP No. D.2 Erosion and Sediment Control BMPs

Brief Description of BMP: The City currently requires construction site erosion and sediment control BMPs under existing ordinance(s). These will be reviewed and revised as necessary under BMP No. D.1. Prior to and after review and revision of these ordinances, the City will conduct inspections as detailed under BMP D.6.

Measurable Goal(s), including frequencies: See BMP No. D.1

- Milestones:** **Year 1:** See BMP No. D.1
Year 2: See BMP No. D.1
Year 3: See BMP No. D.1
Year 4: See BMP No. D.1
Year 5: See BMP No. D.1
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BMP No. D.4 Site Plan Review Procedures

Brief Description of BMP: The City currently has site plan review procedures in place which require developers and contractors to provide erosion control measures and storm water conveyance systems in their submittals. These will be reviewed and revised as necessary under BMP No. D.1.

Measurable Goal(s), including frequencies: See BMP No. D.1.

- Milestones:** **Year 1:** See BMP No. D.1
Year 2: See BMP No. D.1
Year 3: See BMP No. D.1
Year 4: See BMP No. D.1
Year 5: See BMP No. D.1
-

BMP No. D.5 Public Information Handling Procedures

Brief Description of BMP: The City will develop a stormwater hotline and designate a contact person specifically for stormwater related citizen inquiries and complaints. A standard log form to register citizen inquiries or complaints, specific to stormwater, and procedures to investigate and resolve complaint issues. This will be set up in conjunction with the log developed under the public outreach section of the plan.

Measurable Goal(s), including frequencies: Hotline and designated contact in place by January 2004. Log form developed prior to September 2003 and procedures implemented by March 2004.

- Milestones:** **Year 1:** Hotline and designated contact in place by January 2004. Log form developed prior to September 2003 and procedures implemented by March 2004.
Year 2: Continue use of hotline, log forms, and resolution procedures.
Year 3: Continue use of hotline, log forms, and resolution procedures.
Year 4: Continue use of hotline, log forms, and resolution procedures.
Year 5: Continue use of hotline, log forms, and resolution procedures.
-

BMP No. D.6 Site Inspection/Enforcement Procedures

Brief Description of BMP: The City will continue performing construction site inspections at all applicable sites according to existing ordinance and procedures while developing a construction site erosion control inspection policy including a checklist or similar standard inspection report form to document procedures for site inspections and enforcement of control measures. Under BMP No. D.1, enact and ordinance and implement sanctions for non-compliance with erosion control requirements.

Measurable Goal(s), including frequencies: Continue inspections. Complete policy and report form prior to November 2004. New procedure implemented prior to March 2005. Enact and implement sanction ordinance prior to March 2006.

- Milestones:** **Year 1:** Continue to perform inspections on all construction sites meeting criteria for inspections.
Year 2: Complete new inspection and reporting procedures including standard form prior to November 2004. Continue to perform inspections and implement new procedures by March 2005.
Year 3: Continue inspections and enforcement for all applicable construction sites, ordinance for non-compliance sanctions enacted by March 2006.
Year 4: Continue inspections and enforcement for all applicable construction sites
Year 5: Continue inspections and enforcement for all applicable construction sites.
-

BMP No. E.2 Regulatory Control Program

Brief Description of BMP: The City currently has bufferyard (setbacks from creeks) and lanscpae requirements intended to minimize run-off and water quality impacts. The City will investigate implementing a post-construction stormwater control related ordinance or amending existing ordinances to require additional protection of sensitive areas, encourage the minimization of impervious surfaces, promote minimal disturbance of the ecology, and use of structural and non-structural BMP's in design. The City will also conduct a workshop for developers to introduce the new ordinance requirements and encourage the use of the promoted stormwater controls.

Measurable Goal(s), including frequencies: Investigate ordinance prior to December 2003. Draft ordinance prior to March 2005. Enact and implement prior to March 2006. Conduct developer workshop on new ordinance requirements prior to March 2006.

- Milestones:** **Year 1:** Review of existing ordinances and investigation of ordinance or ordinance amendments complete prior to December 2003.
Year 2: Draft ordinance or ordinance revisions as necessary completed prior to March 2005. Create educational workshop materials for developers and designers concerning design practices to minimize water quality impacts.
Year 3: Ordinance or ordinance revisions implemented as necessary prior to March 2006. Conduct developer workshop prior to March 2006.
Year 4: Enforce requirements in reviews and inspections.
Year 5: Enforce requirements in reviews and inspections.

BMP No. E.3 Long Term Operation and Maintenance Procedures

Brief Description of BMP: The City currently has ordinances addressing the ownership and the maintenance of stormwater systems not turned over to the City. The City will review the existing stormwater management ordinance to ensure its inclusion of long-term operation and maintenance responsibility agreements between the City and post-development landowners or regional authorities and the inclusion of filtration and storage practices.

Measurable Goal(s), including frequencies: Review ordinance prior to March 2004.

Milestones: **Year 1:** Review of ordinance complete prior to March 2004.
Year 2: Draft and enact revisions if necessary by March 2005.
Year 3: Enforce ordinance.
Year 4: Enforce ordinance.
Year 5: Enforce ordinance.

BMP No. E.6 Post-Construction Inspections

Brief Description of BMP: Develop and implement requirement for final inspections of developments to include check of swales, detention basins, etc. before sign-off by inspector. Continue to inspect for and enforce the revised post-construction stormwater runoff control related ordinances. Begin inspecting previously completed projects to check on long term operation and maintenance. Continue to inspect for and enforce the revised post-construction stormwater runoff control related ordinances.

Measurable Goal(s), including frequencies: Implement prior to March 2006. Inspections and enforcement on-going.

Milestones: **Year 1:** Continue existing post construction inspections.
Year 2: Continue existing post construction inspections.
Year 3: Develop and implement final inspection requirements prior to March 2006.
Year 4: Inspect for and enforce revised post-construction requirements. Inspect 10 percent of projects completed in the previous year.
Year 5: Inspect for and enforce revised post-construction requirements. Inspect 10 percent of projects completed in the previous year.

BMP No. F.1 Employee Training Program

Brief Description of BMP: Gather or develop training materials to address with staff the pollution prevention plans and other good housekeeping requirements. Complete training of City staff in pollution prevention procedures and good housekeeping measures through morning tool box meetings or similar training exercises. Continue training of employees in pollution prevention and good housekeeping procedures with added topics such as proper application of fertilizers and herbicides for Parks Department employees, or used oil recycling for maintenance garage employees, or road salt application and storage for City salt crews, and runoff control for City construction crews. Training materials available from the USEPA websites and other similar sources will be utilized for this type of training.

Measurable Goal(s), including frequencies: Materials collected prior to January 2004. Complete training prior to January 2005. Conduct additional training prior to January of each year.

- Milestones:** **Year 1:** Training materials gathered or developed prior to March 2004.
Year 2: Training meetings conducted prior to January 2005.
Year 3: Additional training sessions conducted by January 2006
Year 4: Additional training sessions conducted by January 2007.
Year 5: Additional training sessions conducted by January 2008.
-

BMP No. F. 2 Inspection and Maintenance Program

Brief Description of BMP: The City currently conducts street sweeping of City streets to remove debris and sediments which may be transported into the stormwater systems. The City will review its street sweeping schedules and procedures regarding their effectiveness meeting the overall goals of stormwater management plan.

Measurable Goal(s), including frequencies: Review street sweeping practices and schedules prior to March 2004. Continue sweeping program under existing or revised practices or schedules as determined appropriate.

- Milestones:** **Year 1:** Review street sweeping practices and schedules prior to March 2004.
Year 2: Continue street sweeping
Year 3: Continue street sweeping.
Year 4: Continue street sweeping.
Year 5: Continue street sweeping.
-

BMP No. F.3 Municipal Operations Storm Water Control

Brief Description of BMP: Develop pollution prevention plans for facilities such as the public works garage and yard. This plan will include housekeeping issues such as proper storage of chemicals, proper disposal, spill control and clean-up procedures, and proper equipment maintenance practices to prevent fluid spills. Enact pollution prevention plans at municipal facilities through informational meeting with City staff members. Review and update facility specific pollution prevention plans as necessary. Continue updating facility specific pollution prevention plans and monitoring compliance.

Measurable Goal(s), including frequencies: Develop pollution prevention plans for municipal facilities prior to March 2004. Conduct meeting prior to July 2004. Review and update complete prior to March of each year.

- Milestones:** **Year 1:** Facility specific pollution prevention plans developed prior to March 2004.
Year 2: Pollution prevention plans in place and staff trained by July 2004 .
Year 3: Plans updated with current regulations and operations by March 2006. Ongoing monitoring of compliance with plans.
Year 4: Plans updated with current regulations and operations by March 2007. Ongoing monitoring of compliance with plans.
Year 5: Plans updated with current regulations and operations by March 2008. Ongoing monitoring of compliance with plans.

BMP No. F.4 Municipal Operations Waste Disposal

Brief Description of BMP: The City currently has practices for the proper disposal of wastes. The City will conduct training in conjunction with BMP No. F.1.

Measurable Goal(s), including frequencies: See BMP No. F.1

Milestones: **Year 1:** See BMP No. F.1.
 Year 2: See BMP No. F.1.
 Year 3: See BMP No. F.1.
 Year 4: See BMP No. F.1.
 Year 5: See BMP No. F.1.

BMP No. F.6 Other Municipal Operations Controls

Brief Description of BMP: Review street sweeping practices and existing schedule. Revise street sweeping schedule if necessary. Review City procedures for salt, fertilizer, and herbicide/pesticide applications. Continue street sweeping procedures on schedule.

Measurable Goal(s), including frequencies: Review of street sweeping schedule complete prior to March 2004. Street sweeping schedule revised and changes implemented prior to March 2005. Review of City salt, fertilizer, and herbicide/pesticide application procedures completed by March 2006.

Milestones: **Year 1:** Street sweeping practices and schedule reviewed.
 Year 2: Street sweeping schedule completed and implemented.
 Year 3: Review of material application procedures completed.
 Year 4: Street sweeping performed as scheduled.
 Year 5: Street sweeping performed as scheduled.

Part V. 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 gather and evaluate 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 fine and imprisonment.

**Authorized Representative Name and
Title**

Signature

Date

Mail completed form to:

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
ATTN: PERMIT SECTION
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276**

City of O'Fallon, Illinois Stormwater Management Plan

Introduction

The City of O'Fallon, Illinois has developed the following Stormwater Management Plan (SWMP) in conjunction with their permit application to discharge under the Illinois State Operating Permit, General Permit IL-R40 (General Permit), which covers discharge from Regulated Small Municipal Separate Storm Sewer Systems.

The City of O'Fallon encompasses approximately eleven square miles (7,040 acres) and its population is 21,910 according to the 2000 Census. The City is drained by five main streams – Richland Creek, Silver Creek, Deer Creek, Ogles Creek and Engle Creek. The land use is primarily residential and commercial as shown on the attached map. Small pockets of light industrial development also exist within the city.

O'Fallon is proactive in the management of its stormwater. The City currently practices many of the best management practices (BMPs) included in the six minimum control measures. The City's approach to addressing the six minimum control measures is to build on the City's current successful practices as listed below.

Public Education and Outreach

Permit Requirement: O'Fallon shall implement a public education program to distribute educational materials to the community or conduct equivalent outreach activities about the impacts of stormwater discharges on water bodies and the steps the public can take to reduce pollutants in stormwater runoff.

Decision Process: The City has well established communication practices with its citizens. Primary means of communication include a website (<http://www.ofallon.org/>), the City newsletter, City Council meetings which are televised, and parks department programs for youth. Because the community is accustomed to learning about City activities from these sources, they will be used to provide the required education materials.

The target audiences include the majority of the people living and working in O'Fallon including residents, school age children, community groups, and businesses. Education of school age children about pollution prevention will help develop good habits and skills early in their life. They will carry these with them throughout their lives. Also, their good habits will impact older generations and help them understand the benefits of pollution prevention.

Primary pollutant sources in the City include the general population and commercial and industrial operations. The focus of the education program will be pollution prevention. The City's education program will help its residents understand the impacts of pollution and how to prevent it from happening.

City of O'Fallon, Illinois Stormwater Management Plan

The measurable goals for the Public Education and Outreach BMPs include the completion of specific tasks. As it is difficult to measure the effectiveness of public education, especially in the early years of implementation, the completion of the proposed SWMP activities related to public education and outreach provide the City a means to track their progress in developing the programs.

BMPs and Measurable Goals

Year 1. The focus of year 1 is to let the community know that the City is required to manage its stormwater and to let them know the requirements of the stormwater program.

1. Publish 2 articles in the City newsletter or local newspaper. Subjects will include an introduction to NPDES Phase II, requirements of Phase II, identify opportunities for the community to participate in the SWMP, and location of additional information and City contact.

Schedule: 2 newsletter articles. The first prior to August 2003 and the remaining prior to March 10, 2004.

Measurement: Number of articles in the newsletter or newspaper.

2. Develop a web page accessed from the City's website on the SWMP. This will allow the public to see information from their homes and include the information in a centralized location. The website will summarize the SWMP and include other materials generated.

Schedule: Launch the SWMP web page prior to January 2004.

Measurement: Post the SWMP web page.

3. Request participation by the public and evaluate what citizen groups the City will be able to involve in this program (i.e. schools, boy scouts, Parks & Recreation, etc.).

Schedule: Request participation on newsletters and public meetings by October 2003 and identify groups by March 2004.

Measurement: List of groups interested and able to participate.

4. Implement and advertise a stormwater telephone hotline that will allow the community to log concerns related to stormwater management.

Schedule: Provide contact and phone number in the local newspaper or City newsletter as part of one of the articles prior to January 2004.

Measurement: Newspaper/newsletter article with contact and phone number.

City of O'Fallon, Illinois Stormwater Management Plan

5. Develop log form to register citizen concerns and City responses.

Schedule: Develop log form by September 2003 and implement logging procedure by March 2004.

Measurement: Completed log form and implemented logging procedure.

6. Conduct a public meeting with the City Council or Public Works Committee outlining the Phase II program, the resources required, and a schedule of activities. Advertisement of the meeting will be according to the City's normal procedures.

Schedule: Conduct meeting prior to September 2003.

Measurement: Public meeting held.

7. Contact local school districts to identify educators interested in developing a one-day curriculum on stormwater management.

Schedule: Contact the school district prior to March 2004.

Measurement: Contact with local school district made. List of educators interested in developing a one-day curriculum.

Year 2. The focus of year 2 is to use the lines of communication established in year 1 to build on the knowledge gained by the community and encourage them to help properly manage stormwater.

1. Continue newsletter and local newspaper articles on proper stormwater management. Subjects will be determined based on the annual report findings for year 1.

Schedule: 2 additional newsletter or newspaper articles prior to March 2005.

Measurement: Number of articles in the City newsletter or local newspaper.

2. Enhance the website by posting articles from the newsletter and newspaper and other relevant material on the SWMP web page and providing links to relevant stormwater management sites like IDNR, IEPA, and EPA.

Schedule: Post articles and materials within 1 month of when they are published.

Provide links to other stormwater quality related sites prior to October 2004.

Measurement: Number of articles posted. Links to other websites active.

3. Meet with interested citizens/citizen groups that expressed interest in being involved with helping the City to fulfill permit requirements.

Schedule: Meet with interested citizens or citizen groups prior to October 2004.

Measurement: Meeting held.

City of O'Fallon, Illinois Stormwater Management Plan

4. Meet with interested educators identified in year 1. Work with them to develop curricula.

Schedule: Meet with interested educators prior to December 2004. Develop curricula prior to March 2005.

Measurement: Meetings held. Materials for curricula obtained/developed.

5. Investigate program to post signs at stream crossings, in park areas, and other locations regarding stream water quality protection and hazards of dumping. Develop program ideas at the staff level and present to City Council for discussion and action.

Schedule: Develop program ideas prior to October 2004. Present to City Council prior to March 2005.

Measurement: Program ideas developed. City Council presentation made.

6. Distribute brochure/letter to waste haulers and restaurant owners regarding proper management of waste grease, cleaning of grease traps, and waste disposal.

Schedule: Distribute brochure/letter prior to March 2005.

Measurement: Number of brochures/letters distributed.

7. Present summary of year 1 activities at a City Council or Public Works Committee meeting.

Schedule: Year 1 summary provided by September 2004.

Measurement: Presentation at a meeting complete.

Year 3.

1. Continue newspaper and newsletter articles on proper stormwater management. Subjects will be determined based on the annual report findings for year 2 and materials made available by State and Federal agencies.

Schedule: 2 additional newspaper articles prior to March 2006.

Measurement: Number of articles in the City newsletter and local newspaper.

2. Continue use of the website by posting articles from the newsletter and newspaper and other relevant material on the SWMP web page and identifying and providing links to additional relevant stormwater management sites.

Schedule: Post articles and materials within 1 month of when they are published. Provide 2 additional links to other sites prior to March 2006.

Measurement: Number of articles posted. Number of links to other websites active. Number of hits on the website.

City of O'Fallon, Illinois Stormwater Management Plan

3. Develop SWMP educational presentation to present on local cable channel and present to City Council for approval.

Schedule: Develop program prior to December 2005 and present to Council prior to March 2006.

Measurement: Program developed and approved.

4. Work with educators to complete their one-day curricula on proper stormwater management.

Schedule: Work with educators as needed in year 3 and curricula complete by December 2005. Presentations to begin in 2006.

Measurement: Curricula complete and number of presentations to school age children on stormwater management.

5. Staff contact with restaurant owners to review their compliance with proper management of waste grease, cleaning of grease traps, and waste disposal. Businesses are required to apply for a business license each year. The application for restaurants will be modified to require evidence of the last grease trap cleaning.

Schedule: Contact restaurant owners prior to March 2006.

Measurement: Cleaning verifications submitted with new business license applications.

6. Present summary of year 2 activities at a City Council or Public Works Committee meeting. Notice of meeting to include announcement of SWMP presentation and meeting will be televised.

Schedule: Year 2 summary provided prior to September 2005.

Measurement: Presentation at a meeting complete, meeting advertised and televised.

Year 4.

1. Continue newsletter and newspaper articles on proper stormwater management. Subjects will be determined based on the annual report findings for year 3 and materials available.

Schedule: 2 additional newsletter or newspaper articles prior to March 2007.

Measurement: Number of articles in the City newsletter and local newspaper.

City of O'Fallon, Illinois Stormwater Management Plan

2. Continue use of the website by posting articles from the newsletter and newspaper and other relevant material on the SWMP web page and identifying and providing links to additional relevant stormwater management sites.

Schedule: Post articles and materials within 1 month of when they are published. Provide additional links to other sites prior to March 2007.

Measurement: Number of articles posted. Number of links to other websites active. Number of hits on website.

3. Investigate use of State or Federal agency materials to televise.

Schedule: Investigate available material prior to March 2007.

Measurement: Investigation complete.

4. Work with educators to provide additional information to update their one-day curricula on proper stormwater management.

Schedule: Work with educators as needed in year 4.

Measurement: Number of presentations to school age children on stormwater management conducted prior to March 2007.

5. Review existing ordinance on proper disposal of animal waste and recommend amendment to the City Council as necessary.

Schedule: Review ordinance and present proposed amendment to Council prior to December 2006.

Measurement: Ordinance reviewed.

6. Present summary of year 3 activities at a City Council or Public Works Committee meeting. Notice of meeting to include announcement of SWMP presentation and meeting to be televised.

Schedule: Year 3 summary presented prior to September 2006.

Measurement: Presentation at a meeting complete.

Year 5.

1. Continue newsletter and newspaper articles on proper stormwater management. Subjects will be determined based on the annual report findings for year 4.

Schedule: 2 additional newspaper articles prior to March 2008.

Measurement: Number of articles in the local newspaper.

City of O'Fallon, Illinois Stormwater Management Plan

2. Continue use of the website by posting articles from the newspaper and other relevant material on the SWMP web page and identifying and providing links to additional relevant stormwater management sites.

Schedule: Post articles and materials within 1 month of when they are published. Provide additional links to other sites prior to March 2008.

Measurement: Number of articles posted. Number of links to other websites active. Number of hits on website.

3. Work with educators to provide additional information to update their one-day curricula on proper stormwater management.

Schedule: Work with educators as needed in year 5.

Measurement: Number of presentations to school age children on stormwater management conducted prior to March 2008.

4. Enact revisions to ordinance on proper disposal of animal waste.

Schedule: Enact revisions prior to December 2007.

Measurement: Ordinance revisions enacted. Issues of non-complying residents documented.

5. Present summary of year 4 activities at a City Council or Public Works Committee meeting. Notice of meeting to include announcement of SWMP presentation and meeting to be televised.

Schedule: Year 4 summary presented prior to September 2007.

Measurement: Presentation at a meeting complete.

Responsible person: Director of Engineering and Public Works

City of O'Fallon, Illinois Stormwater Management Plan

Public Involvement/Participation

Permit Requirement: O'Fallon shall implement a public involvement/participation program that complies with State and local public notice requirements.

Decision Process: O'Fallon involves its community primarily through input at Council and Committee meetings, open houses for programs, and public improvement projects.

Volunteer groups in the City have participated in cleanup days and related programs in the past. These groups have included homeowners associations, church and school groups, scouts, etc. The City will use these successful programs as a basis for participation in the SWMP.

The focus of the involvement/participation program will be to identify new programs and increase participation in established, successful programs. The target audiences will include school age children, the general public, the development community, and businesses.

It is difficult for the City to predict, or accurately evaluate a level of participation in many specific programs or activities related to the public involvement/participation BMPs. Therefore, the City has developed goals that include measurement of the number of activities or events completed.

BMPs and Measurable Goals

Year 1.

1. The Public Works Committee meetings and open houses will serve as the forum for citizen input. Meeting notifications and newsletter articles will request citizens to attend and participate in Public Works Committee meetings with specific SWMP agendas.

Schedule: Advertise and conduct 2 Public Works Committee meetings with SWMP specific agenda items for public input/discussion prior to March 2004.

Measurement: Complete meetings.

2. Investigate public involvement programs that will be promoted through the public outreach and education actions (i.e. clean-up projects, volunteer inspectors and educators, Parks Department, summer programs, St. Clair County Household Hazardous Waste Collection, etc.).

Schedule: Investigate and identify potential programs prior to March 2004.

Measurement: List of programs City will promote for public involvement.

City of O'Fallon, Illinois Stormwater Management Plan

3. Investigate and identify potential scheduling dates of O'Fallon Pride clean-up days to remove litter and debris from streams, drainage ways, and public areas.

Schedule: Have potential event locations and dates identified by March 2004.

Measurement: O'Fallon Pride program investigated and potential events identified.

Year 2.

1. Promote the SWMP at City Council and Public Works Committee meetings soliciting participation in the program. Focus on identification of programs and groups for inclusion in the SWMP.

Schedule: Complete 2 meetings with specific presentation on SWMP participation prior to October 2004.

Measurement: Presentation made at City Council or Public Works Committee meetings.

2. Identify parties potentially interested in SWMP program development and continue to promote existing City programs and new programs for public participation identified in year 1.

Schedule: Prior to March 2005.

Measurement: Interested groups are identified.

3. Consider adjustment to SWMP based on City Council, Public Works Committee, and citizen's panel input.

Schedule: Prior to March 2005.

Measurement: Input collected and adjustment to the SWMP considered.

Year 3.

1. Update SWMP as appropriate based on Council and citizen input received in year 2. Present updated SWMP to City Council and Public Works Committee for approval.

Schedule: Develop updated SWMP by September 2005. Present to Council and Public Works Committee by December 2005. Forward updated plan to IEPA by March 2006.

Measurement: Plan updated, presented, and submitted as necessary.

2. Organize and schedule O'Fallon Pride and/or a litter cleanup day in the City parks which have streams or stormwater collection systems flowing through them.

Schedule: Program scheduled (not necessarily conducted) by March 2006.

Measurement: Cleanup days scheduled.

City of O'Fallon, Illinois Stormwater Management Plan

3. Continue City support of resident participation in St. Clair County Household Hazardous Waste Collection program, and support clean-up programs by various citizen groups, along with City's existing Arbor Day tree planting program.

Schedule: Continue support and promotion of programs throughout year 3.

Measurement: Article in City newsletter or local newspaper promoting the St. Clair County Household Hazardous Waste Collection and various City programs, City participation in programs such as waste hauling, providing trash bags, providing staff to organize and promote.

4. Consider adjustment to SWMP based on City Council, Public Works Committee, and citizens' input.

Schedule: Prior to March 2006.

Measurement: Input collected and adjustment to the SWMP considered.

Year 4.

1. Update SWMP as appropriate based on Council and citizen input received in year 3. Present updated SWMP to City Council and Public Works Committee for approval.

Schedule: Develop updated SWMP by September 2006. Present to Council and Public Works Committee by December 2006. Forward updated plan to IEPA by March 2007.

Measurement: Plan updated, presented, and submitted as necessary.

2. Organize and schedule O'Fallon Pride and/or a litter cleanup day in the City parks which have streams or stormwater collection systems flowing through them.

Schedule: Program scheduled (not necessarily conducted) by March 2007.

Measurement: Cleanup days scheduled.

3. Continue City support of resident participation in St. Clair County Household Hazardous Waste Collection program, and support clean-up programs by various citizen groups, along with City's existing Arbor Day tree planting program.

Schedule: Continue support and promotion of programs throughout year 4.

Measurement: Article in City newsletter or local newspaper promoting the St. Clair County Household Hazardous Waste Collection and various City programs, City participation in programs such as waste hauling, providing trash bags, providing staff to organize and promote.

City of O'Fallon, Illinois Stormwater Management Plan

4. Consider adjustment to SWMP based on City Council, Public Works Committee, and citizen's panel input.

Schedule: Prior to March 2007.

Measurement: Input collected and adjustment to the SWMP considered.

Year 5.

1. Update SWMP as appropriate based on Council and citizen input received in year 4. Present updated SWMP to City Council and Public Works Committee for approval.

Schedule: Develop updated SWMP by September 2007. Present to Council and Public Works Committee by December 2007. Forward updated plan to IEPA by March 2008.

Measurement: Plan updated, presented, and submitted as necessary.

2. Organize and schedule O'Fallon Pride and/or a litter cleanup day in the City parks which have streams or stormwater collection systems flowing through them.

Schedule: Program scheduled (not necessarily conducted) by March 2008.

Measurement: Cleanup days scheduled.

3. Continue City support of resident participation in St. Clair County Household Hazardous Waste Collection program, and support clean-up programs by various citizen groups, along with City's existing Arbor Day tree planting program.

Schedule: Continue support and promotion of programs throughout year 5.

Measurement: Article in City newsletter or local newspaper promoting the St. Clair County Household Hazardous Waste Collection and various City programs, City participation in programs such as waste hauling, providing trash bags, providing staff to organize and promote.

4. Consider adjustment to SWMP based on City Council, Public Works Committee, and citizen's panel input.

Schedule: Prior to March 2008.

Measurement: Input collected and adjustment to the SWMP considered.

Responsible person: Director of Engineering and Public Works

City of O'Fallon, Illinois

Stormwater Management Plan

Illicit Discharge Detection and Elimination

Permit Requirement: O'Fallon will develop, implement, and enforce a program to detect and eliminate illicit discharge in the MS4. The City will also develop a storm sewer system map showing the location of all outlets and the names and location of all waters of the State that receive discharges from the MS4. The City will prohibit through ordinance, or other regulatory mechanism, non-storm water discharges into the MS4 and implement appropriate enforcement procedures and actions, develop and implement a plan to detect and address non-stormwater discharges, including illegal dumping, to the MS4, inform public employees, businesses, and the general public of hazards of illegal discharges and improper disposal of waste.

Decision Process: O'Fallon minimizes illicit discharges through several existing mechanisms. An existing ordinance, copy attached, is the legal mechanism used to prevent illicit discharges. A storm sewer system map is under development and is updated periodically. It is believed that no stream reaches in the City are on the 303(d) list nor do they have TMDLs which indicate water quality impacts from stormwater discharges. Therefore, the focus of the program is to identify during field inspections and through community involvement the presence of dry weather discharges. These dry weather discharges will be field screened to determine if they are illicit discharges.

The measurable goals for Illicit Discharge Detection and Elimination include phased completion of mapping, inspection, investigations, and resolution. The City will complete mapping and inspection of the City within two years and follow up with investigations and resolution. After a four year cycle, the City will begin to re-inspect the systems.

BMPs and Measurable Goals

Year 1.

1. Conduct field investigation of the main open channel system within the City. Field investigation will include walking the waters of the City, locating outfalls, GPS survey of outfalls, and noting whether a dry weather discharge was occurring.

Schedule: Main streams and channels will be walked prior to March 2004.

Measurement: All streams walked, outfalls located, and dry weather discharges noted.

City of O'Fallon, Illinois Stormwater Management Plan

2. Update sewer system map with any new drainage systems that were constructed and accepted by the City prior to January 2004.

Schedule: Map updated prior to March 2004.

Measurement: Updated map that includes storm sewer systems and outfalls newly constructed in 2003.

3. Review existing ordinance prohibiting illicit discharges and recommend modifications to ordinance as required to the City Council and Public Works Committee.

Schedule: Ordinance reviewed and changes recommended prior to March 2004.

Measurement: Ordinance reviewed and recommendations presented to City Council and Public Works Committee.

Year 2.

1. Conduct field investigation of the tributaries to the open channel system within the City. Field investigation will include walking the waters of the City, locating outfalls, GPS survey of outfalls, and noting whether a dry weather illicit discharge was occurring.

Schedule: Tributaries will be walked prior to March 2005.

Measurement: Streams walked, outfalls located, and dry weather discharges noted.

2. Update sewer system map with outfalls field located and any new drainage systems that were constructed prior to January 2005.

Schedule: Map updated prior to March 2005.

Measurement: Updated map that includes newly constructed systems and year 1 field located outfalls.

3. Work with Public Works Committee and City Council to amend ordinance prohibiting illicit discharges if previously identified as necessary for the stormwater plan.

Schedule: Ordinance amended as necessary prior to March 2005.

Measurement: Ordinance amended.

4. Train appropriate City staff (other than those specifically tasked with illicit discharge detection) and interested citizen groups to recognize dry weather discharges and potential illicit discharges.

Schedule: Complete training prior to March 2005.

Measurement: Staff and citizen group training held.

City of O'Fallon, Illinois Stormwater Management Plan

5. Field screen dry weather discharges identified in year 1. If the discharge appears to be an illicit discharge, identify source using maps and field investigations of the storm drainage system. Contact owner of source to determine type of discharge. If illicit, work with owner to eliminate discharge using the enforcement provisions of the existing and revised ordinance(s).

Schedule: Complete illicit discharge investigation and begin work to eliminate prior to March 2005.

Measurement: Dry weather discharges field screened and investigations completed. Contacts made and elimination efforts proceeding.

Year 3.

1. Continue field investigation of the open channel system within the City as necessary to augment information collected in years 1 and 2. Field investigation will include walking the waters of the City, locating outfalls, GPS survey of outfalls, and noting whether a dry weather discharge was occurring.

Schedule: Prior to January 2006.

Measurement: Streams walked, outfalls located, and dry weather discharges noted.

2. Update sewer system map with outfalls field located in year 2 and any new drainage systems that were constructed prior to January 2006.

Schedule: Map updated prior to March 2006.

Measurement: Updated map that includes newly constructed and field located outfalls.

3. Implement revised ordinance prohibiting illicit discharges.

Schedule: Within 3 years of the effective date of the permit.

Measurement: Ordinance implemented.

4. Field screen dry weather discharges identified in year 2. If the discharge appears to be an illicit discharge, identify source using maps and field investigations of the storm drainage system. Contact owner of source to determine type of discharge. If illicit, work with owner to eliminate discharge using the enforcement provisions of the ordinance.

Schedule: Complete illicit discharge investigations and begin work to eliminate prior to March 2006.

Measurement: Dry weather discharges field screened and investigations completed. Contacts made and elimination efforts proceeding.

City of O'Fallon, Illinois Stormwater Management Plan

5. Conduct training of appropriate City staff and interested citizen groups to recognize dry weather discharges and potential illicit discharges.

Schedule: Complete training prior to March 2006.

Measurement: Staff and citizen group training held.

Year 4.

1. Continue field investigation of the open channel system within the City as necessary to augment information previously collected. Field investigation will include walking the waters of the City, locating outfalls, GPS survey of outfalls, and noting whether a dry weather discharge was occurring.

Schedule: Prior to January 2007.

Measurement: Streams walked, outfalls located, and dry weather discharges noted.

2. Update sewer system map with outfalls field located in year 3 and any new drainage systems that were constructed prior to January 2007.

Schedule: Map updated prior to March 2007.

Measurement: Updated map that includes newly constructed and field located outfalls.

3. Field screen dry weather discharges identified in year 3. If the discharge appears to be an illicit discharge, identify source using maps and field investigations of the storm drainage system. Contact owner of source to determine type of discharge. If illicit, work with owner to eliminate discharge using the enforcement provisions of the ordinance.

Schedule: Complete illicit discharge investigations and begin work to eliminate prior to March 2007.

Measurement: Dry weather discharges field screened and investigations completed. Contacts made and elimination efforts proceeding.

4. Conduct training of appropriate City staff and interested citizen groups to recognize dry weather discharges and potential illicit discharges.

Schedule: Complete training prior to March 2007.

Measurement: Staff and citizen group training held.

City of O'Fallon, Illinois

Stormwater Management Plan

Year 5.

1. Begin reinvestigation of the main open channel system within the City as completed for year 1 activities. Reinvestigation will include walking the waters of the City, locating new outfalls, GPS survey of outfalls, and noting whether a dry weather discharge was occurring.

Schedule: Main streams and channels will be walked prior to March 2008.

Measurement: Streams walked, new outfalls located, and dry weather discharges noted.

2. Update sewer system map with outfalls field located and any new drainage systems that were constructed prior to January 2008.

Schedule: Map updated prior to March 2008.

Measurement: Updated map that includes newly constructed outfalls and field located outfalls.

3. Field screen dry weather discharges identified in year 4. If the discharge appears to be an illicit discharge, identify source using maps and field investigations of the storm drainage system. Contact owner of source to determine type of discharge. If illicit, work with owner to eliminate discharge using the enforcement provisions of the ordinance.

Schedule: Complete illicit discharge investigations and begin work to eliminate prior to March 2008.

Measurement: Dry weather discharges field screened and investigations completed. Contacts made and elimination efforts proceeding.

4. Re-conduct training of appropriate City staff and interested citizen groups to recognize dry weather discharges and potential illicit discharges.

Schedule: Complete training prior to March 2008.

Measurement: Staff and citizen group training held.

Responsible person: Director of Engineering and Public Works

City of O'Fallon, Illinois Stormwater Management Plan

Construction Site Stormwater Runoff Control

Permit Requirement: O'Fallon shall implement a program to reduce pollutants in any stormwater runoff to their small MS4 from construction activities that result in a land disturbance of greater than or equal to one acre. Reduction of stormwater discharges from construction activity disturbing less than one acre must be included in the program if that construction activity is part of a larger common plan of development or sale that would disturb one acre or more or has been designated by the permitting authority.

Decision Process: O'Fallon minimizes pollutants in storm water runoff from construction activities through several existing mechanisms. A recently revised existing ordinance, copy attached, is the legal mechanism used to require erosion and sediment controls at construction sites. Two other existing ordinances, copies also attached, describe the review process of pre-construction development plans and subdivision improvement plans. These existing ordinances will be reviewed with regard to water quality and amended to reflect the requirements of this stormwater management plan. The focus of this program will be to develop procedures for site inspection and enforcement measures set to control construction site storm water. The City will develop a construction site erosion control inspection policy which will include a standard form for documentation.

The measurable goals for the Construction Site Stormwater Runoff Control include the completion of ordinance revisions, inspections, and enforcement activities. The number of inspections and enforcement actions will depend on the amount of development being undertaken within the City and may vary significantly from year to year.

BMPs and Measurable Goals

Year 1.

1. Review existing stormwater related ordinances for the need to revise them to reflect new requirements or plan goals.

Schedule: Review ordinances prior to October 2003.

Measurement: Review of ordinance complete.

2. Continue performing construction site inspections according to existing ordinance and procedures.

Schedule: On-going.

Measurement: Number of inspections performed. Procedure documented.

City of O'Fallon, Illinois Stormwater Management Plan

3. Propose specific sanctions and action to be used to ensure compliance with erosion control ordinance requirements to Public Works Committee and City Council for discussion.

Schedule: Propose sanctions by March 2004.

Measurement: Enforcement measures/sanctions developed and proposed to City Council.

4. Develop log form to register citizen complaints, specific to construction site activity, and procedures to investigate and correct complaint issues. This will be set up in conjunction with the log developed under the public outreach section of the permit.

Schedule: Log form and procedures developed prior to March 2004.

Measurement: Completed log form and procedures.

Year 2.

1. Develop a construction site erosion control inspection policy including a checklist or similar standard inspection report form to document procedures for site inspection and enforcement of control measures.

Schedule: Complete policy and report form prior to November 2004.

Measurement: Standard form complete and procedures in place.

2. Develop ordinance or ordinance amendment requiring construction site operators to implement appropriate practices to control waste at construction sites that may cause adverse impacts to water quality.

Schedule: Ordinance written prior to March 2005.

Measurement: Ordinance written.

3. Amend existing stormwater related ordinances if necessary according to review performed in the first year.

Schedule: Ordinances amended if necessary by March 2005.

Measurement: Ordinances amended.

4. Continue to perform site inspections and implement new inspection procedures.

Schedule: On-going.

Measurement: Number of inspections performed.

City of O'Fallon, Illinois Stormwater Management Plan

5. Gain Council consensus and draft ordinance for enforcement sanctions proposed in year 1.

Schedule: Draft ordinance by March 2005.

Measurement: Ordinance drafted.

Year 3.

1. Enact and implement the ordinance requiring site operators to maintain pollution control practices and monitor compliance during site inspections.

Schedule: Enact ordinance prior to January 2006 and implement enforcement prior to March 2006.

Measurement: Ordinance enacted and implemented.

2. Representatives of the City meet with developers to develop a stakeholder group to advise the City on potential implementation of a riparian buffer ordinance. City will then investigate a riparian buffer ordinance for new development.

Schedule: Meet with developers prior to November 2005.

Measurement: Meeting held.

3. Continue to perform site inspections and enforce control measures.

Schedule: On-going.

Measurement: Number of inspections performed. Number of penalties issued.

4. Enact ordinance and implement sanctions for non-compliance with erosion control requirements.

Schedule: Enact and implement prior to March 2006.

Measurement: Ordinance enacted and non-complying developments addressed.

Year 4.

1. Continue to perform site inspections and enforce control measures.

Schedule: On-going.

Measurement: Number of inspections performed. Number of penalties issued.

2. Develop consensus and if appropriate, draft riparian buffer ordinance.

Schedule: Draft ordinance prior to March 2007.

Measurement: Ordinance drafted.

City of O'Fallon, Illinois Stormwater Management Plan

Year 5.

1. Continue to perform site inspections and enforce control measures.

Schedule: On-going.

Measurement: Number of inspections performed. Number of penalties issued.

2. If deemed appropriate, enact riparian buffer ordinance for new development.

Schedule: Enact ordinance prior to March 2008.

Measurement: Ordinance enacted.

Responsible person: Director of Engineering and Public Works

City of O'Fallon, Illinois Stormwater Management Plan

Post-Construction Stormwater Management in New Development and Redevelopment

Permit Requirement: O'Fallon shall develop, implement, and enforce a program to address stormwater runoff from new development and redevelopment projects that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale, that discharge into the small MS4. O'Fallon must ensure that controls are in place that would protect water quality and reduce the discharge of pollutants to the maximum extent practicable.

Decision Process: O'Fallon minimizes pollutants in stormwater runoff after construction completion through existing ordinances, copies attached. The ordinance contains bufferyard and landscape requirements to minimize water pollution and requirements for maintaining ecological balance. Another ordinance, which is also used to control runoff during construction, contains requirements for delegation of the maintenance responsibility of the site once construction is completed.

The focus of this program will be to develop procedures to prevent pollution of natural waters and control stormwater runoff from a site once it is no longer under construction. The audience the City will educate about the impacts of stormwater discharges on water bodies will be expanded to include developers along with public education required by a previous BMP. Developers will be informed of the steps that they can take to minimize the impact their actions have on the environment and to reduce pollutants in stormwater runoff and ordinances will be revised to encourage use of these.

The measurable goals for Post-Construction Stormwater Management in New Development and Redevelopment include the completion of ordinance modifications, education of developers and homeowner associations, inspections, and enforcement.

BMPs and Measurable Goals

Year 1.

1. Investigate implementing a post-construction stormwater control related ordinance or amending existing ordinances to require protection of sensitive areas, encourage the minimization of impervious surfaces, promote minimal disturbance of the ecology, and use of structural and non-structural BMP's in design.

Schedule: Investigate ordinance prior to December 2003.

Measurement: Investigation of ordinance complete.

2. Review the existing stormwater management ordinance to ensure its inclusion of long-term operation and maintenance responsibility agreements between the City and post-development landowners or regional authorities and the inclusion of filtration and storage practices.

City of O'Fallon, Illinois

Stormwater Management Plan

Schedule: Review ordinance prior to March 2004.

Measurement: Review of ordinance complete.

3. Develop a web page, in conjunction with the web page that is to be set up according to plans for the Public Education and Outreach section, accessed from the City's website on the SWMP. This will allow developers to see information, from a centralized location, that will summarize the SWMP impacts on development and include other materials generated.

Schedule: Launch the SWMP prior to March 2004.

Measurement: Post the SWMP web page.

Year 2.

1. Draft ordinance for post-construction stormwater controls investigated and found appropriate in year 1.

Schedule: Draft ordinance prior to March 2005.

Measurement: Draft ordinance complete.

2. Create and advertise an educational program for developers concerning design practices they can use to minimize water quality impacts.

Schedule: Create program materials and advertise prior to March 2005.

Measurement: Program developed and advertised.

Year 3.

1. Enact the post-construction stormwater runoff control related ordinance.

Schedule: Enact and implement prior to March 2006.

Measurement: Ordinance implemented.

2. Develop and implement requirement for final inspections of developments to include check of swales, detention basins, etc. before sign-off by inspector.

Schedule: Implement prior to March 2006.

Measurement: Requirement implemented. Items checked on inspection form.

3. Hold workshop educational program for developers to provide them with knowledge of required permits for developments and interpretation of revisions to the ordinances.

Schedule: Schedule and conduct prior to March 2006.

Measurement: Conduct training session.

City of O'Fallon, Illinois Stormwater Management Plan

Year 4.

1. Continue to inspect for and enforce the revised post-construction stormwater runoff control related ordinances. Begin inspecting previously completed projects to check on long term operation and maintenance.

Schedule: On-going.

Measurement: Inspect 10% of projects completed in the previous year.

Year 5.

1. Continue to inspect for and enforce the revised post-construction stormwater runoff control related ordinances.

Schedule: On-going.

Measurement: Inspect 10% of projects completed in the previous year.

Responsible person: Director of Engineering and Public Works

City of O'Fallon, Illinois Stormwater Management Plan

Pollution Prevention/Good Housekeeping for Municipal Operations

Permit Requirement: O'Fallon shall develop and implement an operation and maintenance program that includes a training component and is designed to prevent and reduce the discharge of pollutants to the maximum extent practicable. Using training materials that are available from EPA, State, or other organizations, O'Fallon shall include employee training to prevent and reduce storm water pollution from activities such as park and open space maintenance, fleet and building maintenance, operation of storage yards, snow disposal, new construction and land disturbances, and storm water system maintenance, address ways that flood management projects impact water quality, nonpoint source pollution control, and aquatic habitat.

Decision Process: O'Fallon will address many aspects of this section under the previous five minimum control measures. The City currently has street sweeping procedures established, and the process will be continued along with additional pollution prevention measures.

The focus of this program will be pollution prevention within municipal operations. The City will help its staff understand the impacts of pollution and how to prevent it from happening.

The measurable goals for Pollution Prevention/Good Housekeeping include completion of training, planning, and cleaning activities and ongoing pollution prevention/good housekeeping procedures.

BMPs and Measurable Goals

Year 1.

1. Develop pollution prevention plans for facilities such as the public works garage and yard. This plan will include housekeeping issues such as proper storage of chemicals, proper disposal, spill control and clean-up procedures, and proper equipment maintenance practices to prevent fluid spills.

Schedule: Complete plan prior to March 2004.

Measurement: Plans developed.

2. Gather or develop training materials to address with staff the pollution prevention plans and other good housekeeping requirements.

Schedule: Materials collected prior to January 2004.

Measurement: Training materials collected.

City of O'Fallon, Illinois Stormwater Management Plan

3. Review street sweeping practices and existing schedule.

Schedule: Review complete prior to March 2004.

Measurement: Street sweeping practices and schedule reviewed.

Year 2.

1. Complete training of City staff in pollution prevention procedures and good housekeeping measures through morning tool box meetings or similar training exercises.

Schedule: Complete training prior to January 2005.

Measurement: Training meetings conducted.

2. Revise street sweeping schedule if necessary.

Schedule: Street sweeping schedule revised prior to March 2005.

Measurement: Street sweeping schedule completed.

3. Enact pollution prevention plans at municipal facilities through a general informational meeting with City staff members.

Schedule: Conduct meeting prior to July 2004.

Measurement: Pollution prevention plans in place at each facility.

Year 3.

1. Train employees in pollution prevention and good housekeeping procedures with added topics such as proper application of fertilizers and herbicides for Parks Department employees, or used oil recycling for maintenance garage employees, or road salt application and storage for City salt crews, and runoff control for City construction crews. Training materials available from the USEPA websites and other similar sources will be utilized for this type of training.

Schedule: Conduct additional training prior to January 2006.

Measurement: Training sessions conducted.

2. Review and update facility specific pollution prevention plans as necessary.

Schedule: Review and update complete prior to March 2007.

Measurement: Plans up to date with current environmental regulations and municipal operations.

City of O'Fallon, Illinois Stormwater Management Plan

3. Monitor compliance with plan requirements.

Schedule: On-going.

Measurement: Documentation of compliance activities.

4. Implement revised street sweeping schedule.

Schedule: Implement schedule by January 2006.

Measurement: Street sweeping schedule implemented.

5. Review City procedures for salt, fertilizer, and herbicide/pesticide applications.

Schedule: Review completed by March 2006.

Measurement: Review completed.

Year 4.

1. Train employees in updated pollution prevention and good housekeeping procedures.

Schedule: Prior to January 2007.

Measurement: Training sessions conducted.

2. Update facility specific pollution prevention plans as necessary.

Schedule: Plans reviewed and updated by March 2007.

Measurement: Plans up to date with current environmental regulations and municipal operations.

3. Monitor compliance with plan requirements.

Schedule: On-going.

Measurement: Documentation of compliance activities.

4. Perform street sweeping procedures on schedule.

Schedule: On-going.

Measurement: Street sweeping performed as scheduled.

City of O'Fallon, Illinois Stormwater Management Plan

Year 5.

1. Train employees, including any new employees, in updated pollution prevention and good housekeeping procedures.

Schedule: Training completed prior to January 2008.

Measurement: Training sessions conducted.

2. Update pollution prevention plans as necessary.

Schedule: Plans reviewed and updated prior to March 2008.

Measurement: Plans up to date with current environmental regulations and municipal operations.

3. Monitor compliance with plan requirements.

Schedule: On-going.

Measurement: Documentation of compliance activities.

4. Perform street sweeping procedures on schedule.

Schedule: On-going.

Measurement: Street sweeping performed as scheduled.

Responsible person: Director of Engineering and Public Works

Existing General Water Quality Protection, Illicit Discharges, Animal Waste, and
Trash/Litter Control Related Ordinances

| | |
|----------------|---|
| Section 10.99 | General Penalty |
| Section 51.001 | Definitions |
| Section 51.003 | Deposit of Certain Substances Prohibited |
| Section 51.004 | Discharges to Natural Outlets Restricted |
| Section 51.015 | General Restrictions on Privies, Septic Tanks, and the Like |
| Section 51.017 | Construction |
| Section 51.050 | Storm Water, Uncontaminated Water, and the Like |
| Section 51.056 | Interceptors |
| Section 51.144 | Violation; Notice; Liability |
| Section 90.10 | Defecation Control |
| Section 94.01 | Nuisances Enumerated |
| Section 94.99 | Penalty |
| Section 95.19 | Animals |
| Section 136.02 | Dumping or Depositing of Litter Prohibited; Exemptions |
| Section 136.03 | Dumping or Depositing Litter from Motor Vehicle Prohibited |
| Section 153.08 | Administration and Enforcement |

§ 10.99 GENERAL PENALTY.

(A) In this section *VIOLATION OF THIS CODE* means:

(1) Doing an act that is prohibited or made or declared unlawful, an offense or a violation, by ordinance or by rule or regulation authorized by ordinance;

(2) Failure to perform an act that is required to be performed by ordinance or by rule or regulation authorized by ordinance; or

(3) Failure to perform an act if the failure is declared a violation or an offense or unlawful by ordinance or by rule or regulation authorized by ordinance.

(B) In this section *VIOLATION OF THIS CODE* does not include the failure of a city officer or city employee to perform an official duty unless it is provided that failure to perform the duty is to be punished as provided in this section.

(C) Except as otherwise provided, a person convicted of a violation of this code shall be punished by a fine of not less than \$75 and not more than \$750. With respect to violations of this code that are continuous with respect to time, each day the violation continues is a separated offense.

(D) The imposition of a penalty does not prevent revocation or suspension of a license, permit or franchise.

(E) Violations of this code that are continuous with respect to time may be abated by injunctive or other equitable relief. The imposition of a penalty does not prevent equitable relief.

('73 Code, § 1.09)

§ 51.001 DEFINITIONS.

For the purpose of this chapter, the following definitions shall apply unless the context clearly indicates or requires a different meaning.

ACT. The Federal Water Pollution Control Act, as amended, 33 USC 1251 et seq.

ADMINISTRATOR. The administrator of the United States Environmental Protection Agency.

B.O.D. (BIOCHEMICAL OXYGEN DEMAND). The quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in five days at 20°C, expressed in milligrams per liter.

BUILDING DRAIN. That part of the lowest horizontal piping of a drainage system which receives the discharge from soil, waste, and other drainage pipes inside the walls of the building and conveys it to the building sewer, beginning five feet outside the inner face of the building wall.

BUILDING SEWER. The extension from the building drain to the public sewer or other place of disposal.

CITY. The City of O'Fallon; and any reference to **WITHIN THE CITY** shall mean all territory within the perimeter of the City of O'Fallon boundaries.

CITY ENGINEER. The City Engineer of water pollution control of the city, or his or her authorized deputy, agent or representative.

COMBINED SEWER. A sewer receiving both surface runoff and sewage.

COMPATIBLE POLLUTANT. Biochemical oxygen demand, suspended solids, pH and fecal coliform bacteria, plus additional pollutants identified in the NPDES permit.

DIRECTOR. The chief administrative officer of a state water pollution control agency or interstate agency. In the event responsibility for water pollution control and enforcement is divided among two or more state or interstate agencies, the term **DIRECTOR** means the administrative officer authorized to perform the particular procedure to which reference is made.

EASEMENT. An acquired legal right for the specific use of land owned by others.

FLOATABLE OIL. Oil, fat or grease in a physical state such that it will separate by gravity from wastewater by treatment in an approved pretreatment facility. A wastewater shall be considered free of floatable fat if it is properly pretreated and the wastewater does not interfere with the collection system.

GARBAGE. Solid wastes from the domestic and commercial preparation, cooking and dispensing of food, and from the handling, storage and sale of produce.

INCOMPATIBLE POLLUTANT. Any pollutant which is not a compatible pollutant as defined above.

INDUSTRIAL USER. As it pertains to user charge system means a manufacturing or processing facility which is engaged in a productive or profit-making venture.

INDUSTRIAL WASTES. The liquid wastes from industrial manufacturing processes, trade or business as distinct from sanitary sewage.

MAY. A permissive term.

MILLIGRAMS PER LITER. A unit of the concentration of water or wastewater constituent. It is 0.001 g of the constituent in 1,000 ml of water. It has replaced the unit formerly used commonly, parts per million, to which it is approximately equivalent, in reporting the results of water and wastewater analysis.

NATURAL OUTLET. Any outlet into a watercourse, pond, ditch, lake or other body of surface or ground water.

NPDES PERMIT (NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT). Any permit or equivalent document or requirements issued by the administrator, or, where appropriate by the director, after enactment of the Federal Water Pollution Control Amendments of 1972, to regulate the discharge of pollutants pursuant to Section 402 of the Act.

pH. The logarithm of the reciprocal of the weight of hydrogen ions in grams per liter of solution.

POPULATION EQUIVALENT. A term used to evaluate the impact of industrial or other waste on a treatment works or stream. One population equivalent is 100 gallons of sewage per day, containing 0.17 pounds of B.O.D. and 0.20 pounds of suspended solids. The impact on a treatment works is evaluated as the equivalent of the highest of the three parameters. Impact on a stream is the higher of the B.O.D. and suspended solids parameters.

ppm. Parts per million by weight.

PRETREATMENT. The treatment of wastewaters from sources before introduction into the wastewater treatment works.

PROPERLY SHREDDED GARBAGE. The wastes from the preparation, cooking and dispensing of food that has been shredded to such a degree that all particles will be

carried freely under the flow conditions normally prevailing in public sewers, with no particle greater than ½ inch in any dimension.

PUBLIC SEWER. A sewer in which all owners of abutting properties have equal rights, and which is controlled by public authority.

REPLACEMENT. Expenditures for obtaining and installing equipment, accessories or appurtenances which are necessary during the service life of the treatment works to maintain the capacity and performance for which such works were designed and constructed. The term "operation and maintenance" includes **REPLACEMENT**.

SANITARY SEWER. A sewer which carries sewage and to which storm, surface and ground waters are not intentionally admitted.

SEWAGE. A combination of the water-carried wastes from residences, business buildings, institutions, and industrial establishments, together with such ground, surface and storm waters as may be present.

SEWAGE TREATMENT PLANT. Any arrangement of devices and structures used for treating sewage.

SEWAGE WORKS. All facilities for collection, pumping, treating and disposing of sewage.

SEWER. A pipe or conduit for carrying sewage.

SHALL. A mandatory term.

SLUG. Any discharge of water, sewage, or industrial waste which in concentration of any given constituent or in quantity of flow exceeds for any period of duration longer than 15 minutes more than five times the average 24-hour concentration or flows during normal operation.

STORM DRAIN or **STORM SEWER.** A sewer which carries storm and surface waters and drainage, but excludes sewage and industrial wastes, other than unpolluted cooling water.

SUSPENDED SOLIDS. Solids that either float on the surface of, or are in suspension in water, sewage or other liquids, and which are removable by laboratory filtering.

UNPOLLUTED WATER. Water of a quality equal to or better than the effluent criteria in effect or water that would not cause violation of receiving water quality standards and would not be benefited by discharge to the sanitary sewers and wastewater treatment facilities provided.

USER CHARGE. A charge levied on users of treatment works for the cost of operation and maintenance including replacement of such works.

USER RATE. A charge levied on users of treatment works for the cost of operation and maintenance including replacement and the cost of any bond debt of such works.

WASTEWATER. The spent water of a community. From this standpoint, of course, it may be a combination of the liquids and water-carried wastes from residences, commercial buildings, industrial plants and institutions, together with any ground water, surface water and storm water that may be present.

WASTEWATER FACILITIES. The structures, equipment and processes required to collect, carry away and treat domestic and industrial wastes and dispose of the effluent.

WASTEWATER TREATMENT WORKS. An arrangement of devices and structures for treating wastewater, industrial wastes and sludge. Sometimes used as synonymous with "waste treatment plant" or "wastewater treatment plant" or "pollution control plant."

WATERCOURSE. A channel in which a flow of water occurs, either continuously or intermittently.

('73 Code, § 32.01) (Ord. 818, passed 9-1-77)

§ 51.003 DEPOSIT OF CERTAIN SUBSTANCES PROHIBITED.

It is unlawful for any person to place, deposit or permit to be deposited in any unsanitary manner on public or private property within the city, or in any area under the jurisdiction of the city any human or animal excrement, garbage or other objectionable waste.

(73 Code, § 32.03) (Ord. 818, passed 9-1-77) Penalty, see § 10.99

§ 51.004 DISCHARGES TO NATURAL OUTLETS RESTRICTED.

It is unlawful to discharge to any natural outlet within the city or in any area under the jurisdiction of the city, any sewage or other polluted waters, except where suitable treatment has been provided in accordance with this chapter.

(73 Code, § 32.04) (Ord. 818, passed 9-1-77) Penalty, see § 10.99

§ 51.015 GENERAL RESTRICTIONS ON PRIVIES, SEPTIC TANKS, AND THE LIKE.

Except as hereinafter provided, it is unlawful to construct or maintain any privy, privy vault, septic tank, cesspool, or other facility intended or used for the disposal of sewage.

(73 Code, § 32.05) (Ord. 818, passed 9-1-77) Penalty, see § 10.99

§ 51.017 CONSTRUCTION.

(A) *Construction permit.* Before commencement of construction of a private sewage disposal system the owner shall first obtain a written permit signed by the City Engineer. The application for such permit shall be made on a form furnished by the city, which the applicant shall supplement by any plans, specifications and other information as is deemed necessary by the City Engineer. A permit and inspection fee of \$20 shall be paid to the City Clerk at the time the application is filed. (73 Code, § 32.08)

(B) *City Engineer inspections and oversight.* A permit for a private sewage disposal system shall not become effective until the installation is completed to the satisfaction of the City Engineer. The City Engineer shall be allowed to inspect the work at any stage of construction and, in any event, the applicant for the permit shall notify the City Engineer when the work is ready for final inspection, and before any underground portions are covered. The inspection shall be made within 60 hours of the receipt of notice by the City Engineer. (73 Code, § 32.09)

(C) *Specifications; compliance required.* The type, capacities, location and layout of a private sewage disposal system shall comply with all recommendations of the Department of Public Health of the state. No permit shall be issued for any private sewage disposal system employing subsurface soil absorption facilities where the area of the lot is less than a size suitable for installation of an effective system. No septic tank or cesspool shall be permitted to discharge to any public sewer or natural outlet. (73 Code, § 32.10)

(Ord. 818, passed 9-1-77) Penalty, see § 10.99

§ 51.050 STORM WATER, UNCONTAMINATED WATER, AND THE LIKE.

(A) *Prohibition.* No person shall discharge or cause to be discharged any storm water, surface water, ground water, roof runoff, subsurface drainage, uncontaminated cooling water, or unpolluted industrial process waters to any sanitary sewer. ('73 Code, § 32.30)

(B) *Discharge of unpolluted drainage.* Storm water and all other unpolluted drainage shall be discharged to such sewers as are specifically designated as combined sewers or storm sewers, or to a natural outlet approved by the City Engineer. Industrial cooling water or unpolluted process waters may be discharged on approval of the City Engineer to a storm sewer, combined sewer or natural outlet. ('73 Code, § 32.31)

(Ord. 818, passed 9-1-77) Penalty, see § 10.99

§ 51.056 INTERCEPTORS.

(A) Grease, oil and sand interceptors shall be provided when, in the opinion of the City Engineer, they are necessary for the proper handling of liquid wastes containing grease in excessive amounts, or any flammable wastes, sand or other harmful ingredients; except that such interceptors shall not be required for private living quarters or dwelling units. All interceptors shall be of a type and capacity approved by the City Engineer, and shall be located as to be readily and easily accessible for cleaning and inspection.

(B) Grease and oil interceptors shall be constructed of impervious materials capable of withstanding abrupt and extreme changes in temperature. They shall be of substantial construction, watertight and equipped with easily removable covers which when bolted in place shall be gastight and watertight. Where installed, all grease, oil and sand interceptors shall be maintained by the owner, at the owner's expense, in continuously efficient operation at all times.

('73 Code, § 32.36) (Ord. 818, passed 9-1-77) Penalty, see § 10.99

§ 51.144 VIOLATIONS; NOTICE; LIABILITY.

(A) *Violations; notice.* Any person found to be violating any provision of this chapter except § 51.005 shall be served by the city with written notice stating the nature of the violation and providing a reasonable time limit for the satisfactory correction thereof. The offender shall, within the period of time stated in such notice, permanently cease all violations. ('73 Code, § 32.58)

(B) *Liability.* Any person violating any of the provisions of this chapter shall become liable to the city for any expense, loss or damage occasioned the city by reason of such violation. ('73 Code, § 32.60)

(Ord. 818, passed 9-1-77)

§ 90.10 DEFECATION CONTROL.

(A) It shall be unlawful for any person to cause or permit a dog to be on any property, public or private, not owned or possessed by such person unless such person has in his or her immediate possession a device for the removal of excrement and a depository for the transmission of excrement to a receptacle located upon property owned or possessed by such person.

(B) It shall be unlawful for any person in control of, causing or permitting any dog to be on any property, public or private, not owned or possessed by such person to fail to remove excrement left by such dog to a proper receptacle located on property owned or possessed by such person.

(73 Code, § 4.39) (Ord. 1554, passed 7-6-92) Penalty, see § 10.99

§ 94.01 NUISANCES ENUMERATED.

It is hereby declared a nuisance for any person within the limits of this city:

(A) To cause or suffer the carcass of any animal or any offal, filth or noisome substance to be collected, deposited or to remain in any place, to the prejudice of others;

(B) To throw or deposit any offal or other offensive matter, or the carcass of any dead animal in any watercourse, lake, pond, spring, well or common sewer, street or public highway;

(C) To corrupt or render unwholesome or impure any water source;

(D) To obstruct or encroach upon public sidewalks, highways, private ways, streets, and alleys;

(E) To erect, continue or use any building or other place for the exercise of any trade, employment or manufacture, which, by occasioning noxious exhalations, offensive smells or otherwise, is offensive or dangerous to the health of individuals, or of the public;

(F) To advertise wares or occupation by painting notices of the same on, or affixing them to, fences or other private property, or on rocks or other natural objects without the consent of the owner, or if in a highway or other public place, without permission of the proper authorities;

(G) To permit any well drilled for oil, gas, salt water disposal or any other purpose in connection with the production of oil and gas to remain unplugged after such well is no longer used for the purpose for which it was drilled;

(H) To construct or operate any salt water pit or oil field refuse pit, commonly called a "burn out pit," so that salt water, brine or oil field refuse or other waste liquids may escape therefrom in any manner except by the evaporation of such salt water or brine or by the burning of such oil field waste or refuse;

(I) To permit concrete bases, discarded machinery and materials to remain around any oil or gas well, or to fail to fill any holes, cellars, slush pits and other excavations made in connection with any such well or to restore the surface of the lands surrounding any such well to its condition before the drilling of the well, upon abandonment of the oil or gas well;

(J) To permit any salt water, oil, gas or other wastes from any well drilled for oil, gas or exploratory purposes to escape to the surface, or into a mine or coal seam, or into any underground fresh water supply, or from one underground stratum to another;

(K) To establish, maintain and carry on any offensive or unwholesome business within the city limits, or within one mile of the limits;

(L) To keep or suffer to be kept in a foul, offensive, nauseous or filthy condition, any chicken coop, cow barn, stable, cellar, vault, drain, privy, sewer or sink upon any premises belonging to or occupied by the person, or any railroad car, building, yard, grounds, and premises belonging to or occupied by the person;

(M) To own or possess any swine, goats, horses, or chickens within the city, unless within a zoned Agricultural District;

(N) To commit any offense which is a nuisance according to the common law of the land or made such by statute of the state;

('73 Code, § 25.01)

(O) To so negligently conduct any business or use any premises as to create such an offensive smell as may taint the air and render it unwholesome or disagreeable in the neighborhood;

(P) To throw or deposit or cause to be thrown or deposited, any refuse, garbage, or other offensive matter, or the carcass or any part thereof of any animal, in any watercourse, pond, spring or well;

(Q) To cause or suffer grass, leaves, underbrush, or other combustible matter to be collected, deposited or to remain on the person's premises in such quantities and in such condition as to materially increase the danger to property of others from forest or other fires;

(R) To erect, continue or use any building, or other place, for the exercise of any trade, employment or manufacture which, by occasion of noxious exhalations, offensive smells or otherwise, is offensive or dangerous to health of individuals or of the public;

(S) To obstruct any watercourse, ravine or gutter so as to cause water to stagnate therein, or to permit foul or stagnant water to stand upon any premises to the prejudice of others;

(T) To permit the growth upon any premises of any noxious weeds such as jimson, burdock, ragweed, thistles, cockleburs and the like;

(U) To commit any offense which is a nuisance according to the common law of the land, or made such by the statutes of the state;

(V) To allow or permit any dense smoke to come or be emitted from any fires, chimney, engine, oil burner or other agency within the limits of the city; such condition may be summarily abated by the Mayor, or by any one whom he or she may authorize for

such purposes, and such abatement may be in addition to the fine provided for violation of this subsection;

(W) To conduct any building operations between the hours of 10:00 p.m. and 6:00 a.m.; to operate any steam shovels, pneumatic hammers, steam or electric hoists or other apparatus, the use of which is attended with loud or unusual noise audible to residential structures within the city, without the express consent of the Mayor or his or her designate;

(X) For a person owning or in possession, charge or control of any building or premises to use the same, or permit the use of the same, or rent the same to be used for any business or employment, or for any purpose of pleasure or recreation, if such use shall, from its noise or boisterous nature, disturb or destroy the peace of the neighborhood in which such building or premises are situated, or be dangerous or detrimental to health;

(Y) To permit or maintain an unsightly yard or premises where there is an accumulation or deposit of any vehicle, equipment, junk, wrecked or disabled automobile, truck, material of any nature, waste or earth;

(Z) To cause or suffer debris or junk to be collected, deposited or to remain on the person's premises in such quantities and in such condition as to increase breeding and refuse for rodents, vermin or any undesirable nuisance;

(AA) To leave or scatter wastepaper, paper containers for foodstuffs, bills, posters, lithographs, advertising matter, refuse, sweepings, or material of like substance in or upon the streets, sidewalks, alleys or public grounds of the city;

(AB) To operate or play or cause to be operated or played any phonograph, gramophone, radio set, wireless set, loudspeaker or other device or instrument whereby sound is amplified, during the hours from 10:00 p.m. to 7:00 a.m. of the next following day, in such manner or with such volume that the sound caused thereby is audible to human beings beyond a distance of 400 feet from such phonograph, gramophone, radio set, wireless set or other device or instrument or beyond the premises whereon the same is operated or played.

('73 Code, § 25.04(a))

Penalty, see § 94.99

§ 94.99 PENALTY.

(A) Whoever causes, erects or continues any nuisance under § 94.01 shall, for the first offense, be guilty of a petty offense and fined not exceeding \$100, and for a subsequent offense, shall be guilty of an offense. Every such nuisance, when a conviction therefor is had, may, by order of the court before which the conviction therefor is had, be abated by the Police Chief or other designated officer at the expense of the defendant, and it shall be no defense to any proceeding under this chapter that the nuisance is erected or continued by virtue or permission of any law of this state. ('73 Code, § 25.05)

(B) Any owner or tenant of a premises who fails to abate any nuisance in the notice to abate as described in § 94.03 within the time prescribed in the second notice shall be subject to a fine upon conviction of violating § 94.03 in the sum of \$100 for each violation. Each day a violation continues after notification constitutes a separate offense. (Ord. 1972, passed 2-2-98)

§ 95.19 ANIMALS.

(A) Except as permitted divisions (B), (C), and (D), it shall be unlawful for any person to bring or have any animal in any city park at any time.

(B) Dogs and cats are allowed in Rock Springs Park; subject to §90.10 (defecation control) and §90.36 (animal at large) of the Code of Ordinances.

(C) Animals shall be allowed in the city parks for the purpose of events authorized by the city.

(D) When accompanied by its master, a service animal for the physically challenged shall be allowed in city parks subject to §90.10 (defecation control) of the Code of Ordinances.

(73 Code, § 28.13) (Ord. 697, passed 5-17-71; Am. Ord. 1242, passed 2-16-87; Am. Ord. 3050, passed 4-30-01) Penalty, see § 10.99

**§ 136.02 DUMPING OR DEPOSITING OF LITTER PROHIBITED;
EXEMPTIONS.**

(A) No person shall dump, deposit, drop, throw, discard, leave, cause, or permit the dumping, depositing, dropping, throwing, discarding, or leaving of litter upon any public or private property in this city, or upon or into any river, lake, pond, or other stream or body of water in this village unless:

(1) The property has been designated by the city or any of its agencies for the disposal of litter, and the litter is disposed of on that property in accordance with the applicable rules and regulations of the state Pollution Control Board;

(2) The litter is placed into a receptacle or other container intended by the owner or tenant in lawful possession of that property for the deposit of litter;

(3) The person is the owner or tenant in lawful possession of the property or has first obtained the consent of the owner or tenant in lawful possession, or unless the act is done under the personal direction of the owner or tenant and does not create a public health or safety hazard, a public nuisance, or a fire hazard;

(4) The person is acting under the direction of proper public officials during special cleanup days; and/or

(5) The person is lawfully acting in or reacting to an emergency situation where health and safety is threatened, and removes and properly disposes of any litter, including but not limited to potentially infectious medical waste as defined in ILCS Ch. 415, Act 5, § 3.84, when the emergency situation no longer exists.

(B) Any person convicted of a violation of this section shall be fined not less than \$10 nor more than \$500.

(ILCS Ch. 415, Act 105, §§ 4 and 8)

§ 136.03 DUMPING OR DEPOSITING LITTER FROM MOTOR VEHICLE PROHIBITED.

(A) No person shall dump, deposit, drop, throw, discard, or otherwise dispose of litter from any motor vehicle upon any public highway, upon any public or private property or upon or into any river, lake, pond, stream, or body of water in this city except as permitted under § 136.02 (A)(1) through (5). Nor shall any person transport, by any means, garbage or refuse from any dwelling, residence, place of business, farm, or other site to and deposit the material in, around, or on top of trash barrels or other receptacles placed along public highways or at roadside rest areas.

(B) Any person convicted of a violation of this section shall be fined not less than \$10 nor more than \$500.

(ILCS Ch. 415, Act 105, §§ 5 and 8)

§ 153.08 ADMINISTRATION AND ENFORCEMENT.

Provisions of this chapter, including such maps and standards the chapter adopts by reference, which are incorporated by reference in other regulatory ordinances shall be administered and enforced by the officers designated in such regulatory ordinances. Those provisions of this chapter not incorporated in other ordinances shall be enforced by the Planning Director.

('73 Code, § 29.39) (Ord. 1071, passed 8-15-83; Am. Ord. 3081, passed 11-5-01)

Existing Construction Runoff Control Related Ordinance

Section 4.6 Soil Excavation and Erosion Control Ordinance

STATE OF ILLINOIS
ST. CLAIR COUNTY

97 FEB 25 AM 10:13
BODY 3147 PAGE 1582

Michel T. Catlett

RECORDER

RECEIVED FEB 05 1998

ORDINANCE NO. 1903

**AN ORDINANCE AMENDING
ORDINANCE 625 ARTICLE IV,
SECTION 4.6, SOIL EXCAVATION
AND EROSION CONTROL OF THE
LAND SUBDIVISION CONTROL
ORDINANCE OF THE CITY OF
O'FALLON, ILLINOIS AND
ORDINANCES 1089 AND 1783
AMENDING SAME**

WHEREAS, in order to further promote orderly development in and around the City of O'Fallon, Illinois; and

WHEREAS, in order to protect property, lands, streams, ponds and detention areas from siltation in and around the City of O'Fallon; and

WHEREAS, the City of O'Fallon has worked with the developers and builders in the area to work towards a common solution to protect the environment and have heretofore assisted in the drafting and development of a Soil Excavation and Soil Erosion Control Ordinance; and

WHEREAS, the Plan Commission of the City of O'Fallon, Illinois has held a public hearing according to and pursuant to state statute and has approved and recommended said ordinance with all the required terms and conditions;

NOW THEREFORE BE IT ORDAINED BY the City Council of the City of O'Fallon, St. Clair County, Illinois as follows:

Section 1: PASSAGE That upon the date of the passage of this ordinance, the attached Soil Excavation and Erosion Control Ordinance become effective, said attachment made part of this ordinance by reference and incorporated and amended to the Land Subdivision Control Ordinance, Article IV and new Section 4.6 be hereby added.

Section 2: FILING A certified copy of this ordinance shall be recorded with the St. Clair County Recorder of Deeds and filed with the County Clerk of St. Clair County, Illinois.

Section 3: EFFECT That this ordinance shall be in full force and effect from and after its passage, approval and recording as provided by law.

PASSED by the O'Fallon City Council this 18th day of
February , 1997 and approved by it's Mayor this 21ST day of
February, 1997.



Approved:

Robert G. Morton
Robert G. Morton, Mayor

Attest:

Benjamin Hamm
Benjamin Hamm, City Clerk

Ayes: Rogers, Grogan, Cozort, Graham, Braswell, Monken, Karras, Reckamp, Bennett,
Lambert

Nays: None

Absent: None

**CITY OF O'FALLON, ILLINOIS
SOIL EXCAVATION AND EROSION CONTROL ORDINANCE**

Section 1 TITLE

The ordinance shall be known and cited as "Soil Excavation and Erosion Control Ordinance of the City of O'Fallon, Illinois."

Section 2 PURPOSE

The purpose of this ordinance is to promote the public safety, health, convenience, general welfare, and protection of property, lands and water within the city to the extent possible. This is to be done by alleviating the harmful and damaging effects of on-site erosion, silt deposition on neighboring down-hill and downstream properties, and pollution of streams and bodies of water during and after development through adequate temporary and permanent erosion and sedimentation controls. Such controls to be provided by the property owner and/or developer during all phases of any clearing, stripping, excavating, filling, grading, construction or other activity involving the disturbance of the natural terrain or vegetative ground cover.

Section 3 DEFINITIONS

BUILDING AND ZONING ADMINISTRATOR: means the person acting in that capacity for the City of O'Fallon or the duly authorized representative.

CITY: means the City of O'Fallon, Illinois.

CONSTRUCTION: means the erection, alteration, repair, renovation, demolition or removal of any building or structure; and the clearing, stripping, excavating, filling, and grading of sites in connection therewith.

ENGINEERING OFFICE: means the City of O'Fallon Engineering office.

EROSION: means the wearing away of the land surface by the action of wind, water or gravity.

EXCAVATION: means the removal, stripping or disturbance of soil, earth, sand, rock, gravel or other similar substance from the ground.

EXISTING TOPOGRAPHY (GRADE): means the vertical and horizontal location of the existing ground surface prior to excavation or filling.

FILLING: means to deposit, place, push, pull or transport soil, earth, sand, gravel, rock or any similar material by any act, and shall include the conditions resulting therefrom.

FINISHED GRADE: means the final grade or elevation of the ground surface conforming to the approved grading plan.

GRADING: means any excavation or filling or combination thereof.

GRADING PERMIT: means an approved application for any grading as defined in Section 5 from the Building and Zoning office

IMPERVIOUS: means a soil or surface which water, air, or roots cannot penetrate.

PERMITTEE: means any person to whom a grading permit is issued pursuant to the Ordinance.

TIMING SCHEDULE: means a construction progress schedule showing the proposed dates of commencement and completion of each of the various subdivisions of work as shown and called for in the approved plans and specifications.

Section 4 APPLICATION

Application for a grading permit shall be made by the property owner or authorized agent to the Building and Zoning Administrator for that purpose. The grading permit may be a section within the application for a building permit or application for initial zoning compliance or may be on such forms as provided by the Building Zoning and Engineering office. An application form shall be accompanied by a detailed statement of proposed work and the purpose thereof and why the excavation, grading or filling is clearly incidental to the improvement of the property. An application shall be accompanied by the materials enumerated in the section entitled "Plan Content". The Engineering office shall assist in the review and approval process for any submitted application.

Section 5 REGULATIONS

Permit Required:

No grading shall be commenced in the City of O'Fallon, except as hereinafter provided, without first obtaining a grading permit from the Building and Zoning Administrator.

Permit Exceptions:

No grading permit shall be required for the following classes of grading operations:

- a. For the construction of a single structure which is located either on a lot within a plat that has received final approval in accordance with City Subdivision Regulations or a single lot located within corporate limits before enactment of subdivision regulations; provided however that erosion and sedimentation control measures have been and are being employed in accordance with the approved grading, drainage, erosion, and sedimentation controls plans and specifications for the plat.

- b. Necessary grading or removal or excavation of soil or other material shall be permitted within the limits of the right-of-way or slope rights of any existing street, or for the purposes of constructing streets and other related improvements within the area of new subdivisions when made in accordance with approved subdivision plans and for which the appropriate permits have been issued for street and drain construction.
- c. Individual private on-site sewage systems which do not alter the natural terrain.
- d. The stockpiling, with slopes at or greater than the natural angle of repose, of raw or processed sand, stone and gravel at quarries, concrete, asphalt and material processing plants and storage yards, provided sediment and erosion control measures have been employed to protect against off-site damages.
- e. Grading and trenching for utility installation within highway rights-of-way, or in the space or abutting lot(s) needed to accommodate the respective house connections, provided, however, that all contract documents contain erosion and sediment control provision, and that if during the course of utility operations any erosion and sediment control measures previously in place are disturbed or destroyed, the utility company shall restore or repair such measures to their original condition.
- f. Accepted agricultural land management practices included but not limited to gardening and landscaping within incorporated areas and approved subdivision plats, and accepted agricultural, horticultural and forestry activities in all other areas.
- g. Construction and maintenance of Interstate, U.S., State, County, Township and City roads and streets that are built and maintained with Federal and/or State funds.

Section 6 PLAN CONTENT

A plan developed to meet the requirements of Section 7 shall contain information listed below explaining how the standards and criteria established by Section 7 will be met.

- a. A vicinity map drawn to scale of not less than 2,000 feet to 1 inch (1:24,000) showing the relationship of the site to its general surroundings.
- b. A plan of the development area drawn to a scale of not more than one hundred (100) feet to one (1) inch showing:
 - (1) The boundary line and approximate acreage.
 - (2) Existing topography of the development area and of land adjacent to it within one hundred (100) feet of the boundaries including the location of buildings, structures, utilities, water bodies, sewers, drainage facilities, vegetative cover, paved areas (streets, roads, driveways, sidewalks, etc.) and other significant natural or man-made features. Note: The topographic map shall show two-foot contour intervals where the natural slope does not exceed four percent (4%); five foot contour intervals where the natural slope is between four and twelve percent (4-12%); and ten foot contour intervals where the natural slope exceeds twelve percent (12%). In any event, detail shall be such to clearly indicate the drainage pattern. All elevations shall be based on U.S.G.S. datum.
 - (3) A general description and location of the predominant soils. (If cuts and fills are to exceed five [5] feet, engineering-geological classification shall be included.)

- (4) All proposed land disturbance including areas of excavation, grading, filling, removal or destruction of topsoil and spreading of earth material and including a time schedule of such operation.
- (5) Proposed use including present development and future utilization with detail on soil cover, both vegetative and impervious.
- (6) Provisions to ensure that disturbed areas are controlled during construction and revegetated after construction is complete.
- (7) Design computations for structural measures for erosion and sediment control.
- (8) Provisions for maintenance of erosion and sediment control facilities.
- (9) Title, scale, direction arrow, legend, and seal of a professional engineer, date, and name of person preparing plans, and a statement giving any applicable engineering assumptions and calculations.
- (10) The name and address of the owner and/or person responsible for the development area.
- (11) Subsequent to plan approval the owner will file a statement that he/she will to the best of his/her ability construct, preserve and maintain erosion and sediment control practices in accordance with the approved plan.

- c. The plan shall be supported by such supplemental reports, data, and additional information as determined by the City Engineer, including but not limited to any of the following:
- (1) Finished contours at the same interval as required or used for existing topography, proposed pavement grades, and profile sections showing the elevations, dimensions, locations, and slope of all proposed grading.
 - (2) A map showing the drainage area tributary to the site; drainage computations including the estimated runoff from the watershed, management structure and water management design computations.
 - (3) Seeding mixtures and rates for both temporary and permanent seedlings, lime and fertilizer application rates, and quantity of mulching.
 - (4) Field investigation reports indicating the nature, condition and characteristics of existing drainage and flooding conditions.
- d. The design for all embankment structures classified as "C" Hazards (ponds, lakes, etc.) shall be signed and sealed by a structural engineer.
- e. The approving agent may waive the specific requirements for plan content if he finds that the information submitted is sufficient to show that the work will conform to the basic requirements of this ordinance.

Section 7 STANDARDS AND CRITERIA

Approval of plans and specifications for grading shall consider the following principles:

General Principles for Performance

- a. The smallest practical area of land shall be exposed at any one time during development.
- b. When land is exposed during the development, the exposure shall be kept to the shortest practicable period of time.
- c. Natural features such as trees, groves, waterways and other similar resources shall be preserved whenever possible in the process of developing plans for development and use of lands.
- d. The development shall be fitted to the topography and soils to create the least erosion potential.
- e. Temporary vegetation and/or mulching shall be used to protect critical areas exposed during extended periods for winter shutdown.
- f. Permanent final vegetation and structures shall be installed as soon as practical.
- g. Provisions shall be made to effectively accommodate the increased runoff caused by changed soil and surface conditions during and after development.
- h. Sediment shall be retained on the site.

Minimum Design Standards

All grading plans and specifications including extensions of previously approved plans should include provisions for erosion and sediment control in accordance with, but not limited to, the standards and specifications contained in the Technical Guide of the St. Clair County Soil and Water Conservation District.

Section 8 FEES, APPLICATION, EXPIRATION, SUSPENSION, CANCELLATION**Conditions of Approval or Denial**

The City reserves the right to impose such conditions on the grading permit as may be reasonable to prevent creation of a hazardous or dangerous condition, and to deny the issuance of a grading permit when the proposed work would cause hazards adverse to the public safety and welfare.

Permit Fee

An application fee of \$35.00 shall be required to cover the costs of permit and inspection.

Receipt of Application

The Building and Zoning Administrator shall establish the amount of the performance bond, if any, and, if the application and plan comply with the standards contained in this Ordinance, shall issue a permit in accordance therewith. They shall forthwith coordinate application review with the City Engineering office. In acting upon such an application and plan, the Building and Zoning Administrator shall be guided by and shall take into consideration the public health, safety and general welfare. Particular consideration shall be given as to whether the plan will create any of the following conditions:

- a. interference with surface water flow and drainage as determined by the Engineering Office;

- b. interference with lateral supports and slopes;
- c. excessive erosion, alteration of the natural topography and grade of land, depletion of natural deposits of top soil and other natural materials, disturbance of the plant and wildlife, creation of nuisance and dangerous open pits, and creation of stagnant water pools.

Permit Expiration

A grading permit shall be valid for a period of one (1) year from the date of issuance. If the applicant is unable to complete the work within the time specified in the permit, the applicant may, prior to the expiration of such time, present in writing a request for an extension of time, setting forth the reasons for the requested extension. If the Building and Zoning Administrator finds that such an extension is warranted, additional time for completion of the work can be granted, subject to such additional measures as may be reasonably considered necessary.

Permit Suspension

In the event that work performed does not conform to the provisions of the permit, or to the approved plans and specifications, or to any written instructions of the Building and Zoning Administrator, a written notice to comply shall be served upon permittee by registered mail. Such notice shall set forth the nature of the correction required and the time within which corrections shall be made. Failure to comply with such notice shall be deemed justification for suspension of the permit, which will require that all work stop except that necessary for correction of the violation. Upon correction of the violation the permittee may apply for removal of the suspension.

Section 9 VIOLATIONS, PENALTIES, INSPECTIONS**Violations and Penalties**

Any person, firm or corporation who violates or fails to comply with any of the provisions of this ordinance shall be guilty of a misdemeanor, and upon conviction, shall be subject to a fine of not more than \$750.00 for each and every violation. Each day that the violation continues shall be considered a separate offense.

Inspections

The Building and Zoning Administrator or their designee shall from time to time, as he/she may deem necessary, inspect the work done under the approved plans, specifications, timing schedule, and permit. The City Engineering Office will be assisting in any such inspection and or review, upon request of the Building and Zoning Administrator.

Section 10 CONSTITUTIONALITY, APPEALS, VARIANCES AND COMPLAINTS**Constitutionality**

If any section, subsection, sentence, clause or phrase of this Ordinance is for any reason held to be invalid or unconstitutional by the decision of any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of this Ordinance.

Appeals

In order that the spirit of this ordinance may be observed and substantial justice done, the Zoning Board of Appeals shall upon application or appeal and after conducting a public hearing and upon making a finding of fact owing to special conditions, find that literal interpretations of this Chapter would result in an unnecessary hardship, may vary conditions of this Chapter.

A. Variances:

The Zoning Board of Appeals shall hold a public hearing on each variance, appeal or other special request as stipulated in the Zoning Ordinances of the City of O'Fallon. All proper notices and procedures shall be followed as required. The Board of Appeals shall not grant any variance unless, based upon the evidence presented that:

- 1) The variance is consistent with the spirit and purpose of the Erosion Control Ordinance and will not cause injury to the area in which it is proposed to be located and the proposed development will not be injurious to the public health.
- 2) Strict application of the requirements would result in great practical difficulties or hardship.
- 3) The plight of the applicant is peculiar circumstances not of their own making.
- 4) The variance or appeal granted will be the most minimum deviation from the requirements and afford the maximum protection to the public.

Complaints

Whenever any violation of this chapter occurs, or is alleged to have occurred, any person may file a written complaint on forms provided by the Administrator. The Administrator shall record such complaints, promptly investigate and if he/she deems necessary, initiate appropriate corrective action.

The foregoing ordinance passed this 18th day of February, 1997 by the O'Fallon City Council and approved by it's Mayor this _____ day of _____, 1997.

