

City of Cameron, Missouri Sewer Overflow Response Plan (SORP)



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SEWER OVERFLOW RESPONSE PLAN (SORP)

Approved On: May 1, 2006

Amended On: October 30, 2008

Sewer System Owner:

City of Cameron
205 N. Main Street
Cameron, MO 64429

Contact Persons:

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Cell: (816) 288-1762

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Roger Moerke, Wastewater Plant Supervisor
Alliance Water Resources
Plant (816) 632-7361
Cell: (816) 632-8969

David Watson, City Manager
(816) 632-2177

Regulatory Agency To Report Sewer Overflow:

Missouri DNR
500 NE Colbern Rd.
Lee's Summit, MO 64086
Contact Person: Bob Betts
Phone: (816) 622-7000
Fax: (816) 622-7044

Clinton Co. Health Dept.
Phone: (816) 539-2144

Tri-County Health Dept.
Phone: (660) 783-2707

Spill Line: 573-634-2436 for off-hours major SSO or chemical spill reporting.

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SEWER OVERFLOW RESPONSE PLAN (SORP)

I. AUTHORITY

This Sewer Overflow Response Plan (SORP) is prepared pursuant to NPDES Permit MO-0104299 in Accordance with the NPDES Permit General Conditions, and to facilitate proper incident reporting procedures outlined in 10 CSR 20-7, Bypassing.

II. GENERAL

The Sewer Overflow Response Plan (SORP) is designed to ensure that every report of a sewage overflow incident is immediately dispatched to the appropriate City of Cameron Utility Department personnel for confirmation. Quick response will minimize the effects of the overflow with respect to impacts on public health, beneficial uses and water quality of surface waters and on customer service. The SORP further includes provisions to ensure safety pursuant to the directions provided by the Missouri State Department of Natural Resources (DNR) and that notification and reporting is made to the DNR and County Department of Health when applicable. For purposes of this SORP, “confirmed sewage spill” is also sometimes referred to as “sewer overflow,” “overflow,” or “SSO.” The effective date of this plan is May, 2006.

A. Objectives

The primary objective of the SORP is to protect public health and the environment, satisfy regulatory agencies and waste discharge permit conditions which address procedures for managing sewer overflows, and minimize risk of enforcement actions against the City of Cameron, sewer system owner.

Additional objectives of the SORP are as follows:

- Protect collection system personnel and wastewater treatment plant;
- Protect the collection system, wastewater treatment facilities, and all appurtenances; and
- Protect private and public property beyond the collection and treatment facilities.

B. Organization of Plan

The key elements of the SORP are addressed individually as follows:

Section III - Overflow Response Procedure
Section IV - Public Advisory Procedure
Section V - Regulatory Agency Notification Procedure
Section VI – Maintenance of SORP
Section VII - Appendices

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III. OVERFLOW RESPONSE PROCEDURE

The Overflow Response Procedure presents a strategy for the City of Cameron Utilities Department to mobilize labor, materials, tools and equipment to correct or repair any condition, which may cause or contribute to an un-permitted discharge. The plan considers a wide range of potential system failures that could create an overflow to surface waters, land or buildings.

A. Receipt of Information Regarding an SSO

An overflow may be detected by City employees or by others. The City of Cameron is responsible to act based on received phone calls or reports on possible sewage overflow from the wastewater disposal system, and to provide immediate response to investigate and/or correct reported sewer overflow. The City's contract operator, Alliance Water Resources will report any SSO relating to the wastewater plant or lift stations in accordance with their standard emergency operating procedures.

Generally, telephone calls from the public reporting possible sewer overflows are received at the public offices identified in Appendix D.

1. The telephone operator obtains all relevant information available regarding the overflow including:
 - a. Time and date call was received;
 - b. Specific location;
 - c. Description of problem;
 - d. Time possible overflow was noticed by the caller;
 - e. Caller's name and phone number;
 - f. Observations of the caller; and
 - g. Other relevant information that will enable the City Utilities Department, to quickly locate, assess and stop the overflow.

The telephone operator records initial information in the Sewage Overflow Report (Ref. Appendix A) and notifies City Utilities Department.

2. The City Utility Department dispatches sewer maintenance personnel to confirm the overflow. Until verified, the report of a possible spill will not be referred to as a "sewer overflow."

The City Utilities Department completes the Sewage Overflow Report (Ref. Appendix A) within 24 hours of the sewer overflow confirmation and provides the information orally to the DNR.

If the overflow will affect bathing areas during the bathing season, or public drinking water intakes, the City shall notify the DNR contact person and the Health

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Department contact person orally, within two hours of becoming aware of the discharge.

If the overflow results in a fish kill, notify the DNR contact person within two hours of becoming aware of the discharge. The City Utilities Department Director is responsible for reviewing, updating and signing the final Sewage Overflow Report. Sewage overflow response tracking protocol is summarized in Appendix C.

B. Dispatch of Sewer Maintenance Personnel to Site of Sewer Overflow

Failure of any element within the wastewater disposal system that threatens to cause or causes a SSO must trigger an immediate response to isolate and correct the problem. Personnel and equipment must be available to respond to any SSO locations. Additional maintenance personnel shall be “on call” in the event extra manpower is needed. Summary of Sewer Overflow Action Plan is included in Appendix C.

1. Dispatching Maintenance Personnel

- When the City receives notification of a potential sewer overflow outlined in Section A, the Utilities Department dispatches maintenance personnel with appropriate resources as required. Alliance Water Resources will report any SSO at the wastewater plant or lift stations within the city.

2. Maintenance Personnel Instructions

- Dispatch City and/or Alliance maintenance personnel by telephone or radio. Assign and appropriate personnel, materials, supplies and equipment needed.
- The telephone operator must verify that the entire message has been received and acknowledged by the maintenance personnel who were dispatched. All personnel being dispatched to the site of an SSO proceed immediately to the site of the overflow. Report any delays or conflicts in assignments immediately for resolution.
- In all cases response maintenance personnel report their findings, including possible damage to private and public property, to the Utilities Director immediately upon making their investigation. If the Utilities Director has not received findings from the field crew within one (1) hour the Utilities Director contacts the response maintenance personnel to determine the status of the investigation.

3. Additional Resources

The Utilities Director or Water and Sewer Department Supervisor receives and conveys to appropriate parties requests for additional personnel, material, supplies, and equipment for maintenance personnel working at the site of a sewer overflow.

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4. Preliminary Assessment of Damage to Private and Public Property

The City maintenance personnel shall use discretion in their actions as reasonably as they can. They must be aware that the City of Cameron could face increased liability for any further damages inflicted to private property during such assistance. The City maintenance personnel shall not enter private property for purposes of assessing damage unless authorized by the Water and Sewer Department Supervisor or Director of Utilities. The City maintenance personnel shall take appropriate still photographs and/or video footage; if possible, of the sewer overflow impacted area in order to thoroughly document the nature and extent of impacts. Retain photographs for filing with the Overflow Report.

5. Field Supervision and Inspection

- The Director of Utilities visits the site of the sewer overflow to ensure that provisions of this Overflow Response Plan and other directives are met.
- The Director of Utilities or Supervisor is responsible for verbally notifying the DNR within the specified time and submitting the Overflow Report to the DNR.

6. Coordination with Hazardous Material Response

- Upon arrival at the scene of a sewer overflow, should a suspicious substance (e.g., oil sheen, foamy residue) be found on the ground surface, or should a suspicious odor (e.g., gasoline) not common to the sewer system be detected, the City sewer maintenance crew shall immediately contact the Supervisor of the Water and Sewer Department or the Director of Utilities for guidance before taking further action.
- Should the Supervisor or Director determine the need to alert the hazardous material response team, the maintenance personnel awaits the contracted hazardous waste team response.
- Contact the DNR 24-hour Spill Hotline at 1-(573) 634-2436, or the National Response Center 800-424-8802.
- Upon arrival of the hazardous material response team, the City sewer maintenance personnel receive direction from the person with the lead authority of that team. Only when that authority determines it is safe and appropriate for the City sewer maintenance personnel to proceed under the SORP with the containment, clean-up activities and correction.

C. Overflow Correction, Containment, and Clean-Up

This section describes specific actions to be performed by the City sewer maintenance personnel during a SSO.

The objectives of these actions are:

- To protect public health, environment and property from sewage overflows and restore surrounding area back to normal as soon as possible;
- To establish perimeters and control zones with appropriate traffic cones and barricades, vehicles or use of natural topography (e.g., hills, berms);
- To promptly notify the regulatory agency with preliminary overflow information and potential impacts;
- To contain the sewer overflow to the maximum extent possible including preventing the discharge of sewage into surface waters; and
- To minimize the City of Cameron's exposure to any regulatory agency penalties and fines.

Under most circumstances, the City of Cameron can handle all response actions with its own maintenance forces, including Alliance Resources personnel (contract plant operator). They have the skills and experience to respond rapidly and in the most appropriate manner. An important issue with respect to an emergency response is to ensure that the temporary actions necessary to divert flows and repair the problem do not produce a problem elsewhere in the system.

Circumstances may arise when the City could benefit from the support of private-sector construction assistance. This may be true in the case of large diameter pipes buried to depths requiring sheet piling and dewatering should excavation be required. The City may also choose to use private contractors for open excavation operations that might exceed one day to complete.

1. Responsibilities of City Sewer Maintenance Personnel Upon Arrival

It is the responsibility of the first personnel who arrive at the site of a sewer overflow to protect the health and safety of the public by mitigating the impact of the overflow to the maximum extent possible. Should the overflow not be the responsibility of The City of Cameron, but there is imminent danger to public health, public or private property, or to the quality of waters of the state, then the City Water and Sewer Department Supervisor or Utilities Director takes prudent emergency action until the responsible party assumes responsibility and provides actions.

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Upon arrival at a SSO, the City sewer maintenance personnel performs the following:

- Determines the cause of the overflow, e.g. sewer line blockage, pump station mechanical or electrical failure, sewer line break, etc.;
- Identifies and requests assistance or additional resources to correct the overflow or to assist in determination of its cause;
- Takes immediate steps to stop the overflow, e.g. relieves pipeline blockage, manually operates pump station controls, repairs pipe, etc. Extraordinary steps may be considered where overflows from private property threaten public health and safety (e.g., an overflow running off of private property into the public right-of-way); and
- Requests additional personnel, materials, supplies, or equipment that will expedite and minimize the impact of the overflow.

2. Initial Measures for Containment

Initiate measures to contain the overflowing sewage and recover where possible sewage, which has already been discharged, minimizing impact to public health or the environment.

- Determine the immediate destination of the overflow, e.g. storm drain, street curb gutter, body of water, stream bed, etc.;
- Identify and request the necessary materials and equipment to contain or isolate the overflow, if not readily available; and
- Take immediate steps to contain the overflow, e.g., block or bag storm drains, recover through vacuum truck, divert into downstream manhole, etc.

3. Additional Measures Under Potentially Prolonged Overflow Conditions

In the event of a prolonged sewer line blockage or a sewer line collapse, set up a portable by-pass pumping operation around the obstruction.

- Take appropriate measures to determine the proper size and number of pumps required to effectively handle the sewage flow.
- Implement continuous or periodic monitoring of the by-pass pumping operation as required.
- Address regulatory agency issues in conjunction with emergency repairs.

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4. Cleanup

Clean sewer overflow sites thoroughly after an overflow. No readily identified residue (e.g., sewage solids, papers, rags, plastics, and rubber products) is to remain.

- Whenever possible digital photos should be taken of the area before and after cleanup.
- Where practical, thoroughly flush the area and clean of any sewage or wash-down water. Solids and debris are to be flushed, swept, raked, picked-up, and transported for proper disposal.
- Secure the overflow area to prevent contact by members of the public until the site has been thoroughly cleaned.
- Where appropriate, disinfect and deodorize the overflow site.
- Where sewage has resulted in ponding, pump the pond dry and dispose of the residue in accordance with applicable regulations and policies.
- If a ponded area contains sewage, which cannot be pumped dry, it may be treated with bleach. If sewage has discharged into a body of water that may contain fish or other aquatic life, do not use bleach. Contact the DNR for specific instructions.

D. Sewage Overflow Report

The Sewer Overflow Report in Appendix A contains information which is required to be reported to DNR and possibly to the Health Department depending upon the nature of the spill.

If the overflow will affect bathing areas during the bathing season, or public drinking water intakes, the City shall notify the DNR contact person and the Health Department contact person orally, within two hours of becoming aware of the discharge.

If the overflow results in a fish kill, notify the DNR contact person within two hours of becoming aware of the discharge.

The City Water and Sewer Department Supervisor, Director of Utilities or Alliance Water Resources personnel completes a Sewer Overflow Report (Ref. Appendix A). The City promptly notifies the DNR when the overflow is eliminated. Information regarding the sewer overflow includes the following:

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- Determination if the sewage overflow had reached surface waters, i.e., all overflows where sewage was observed running to surface waters, or there was obvious indication (e.g. sewage residue) that sewage flowed to surface waters; and
- Determination that the sewage overflow had not reached surface waters by describing conditions at the sewage overflow, which support this determination.
- Determination of the start time of the sewer overflow by one of the following methods:
 - a. Date and time information received and/or reported to have begun and later substantiated by City sewer maintenance personnel;
 - b. Visual observation;
- Determination of the stop time of the sewer overflow by one of the following methods:
 - a. When the blockage is cleared or flow is controlled or contained; or
 - b. The arrival time of the City sewer maintenance personnel, if the overflow stopped between the time it was reported and the time of arrival.
- Visual observations

An estimation of the rate of sewer overflow in gallons per minute (GPM) by one of the following criteria:

 - a. Direct observations of the overflow; or
 - b. Measurement of actual overflow rate from the sewer main.
- Determination of the volume of the sewer overflow
- Photographs of the event, when possible.
- Assessment of any damage to the exterior areas of public/private property. City sewer maintenance personnel shall not enter private property for purposes of estimating damage to structures, floor and wall coverings, and other personal property without authorization from the Utilities Department Supervisor or Director.

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E. Customer Satisfaction

The City Water and Sewer Department Supervisor/Alliance personnel follows up in person or by telephone with the entity who was reporting the overflow. The cause of the overflow and its resolution will be disclosed.

IV. PUBLIC ADVISORY PROCEDURE

This section describes the actions the City of Cameron will take, in cooperation with the DNR, to limit public access to areas potentially impacted by un-permitted discharges of pollutants to surface water bodies from the wastewater collection system.

A. Temporary Signage

The City of Cameron has primary responsibility for determining when to post notices of polluted surface water bodies or ground surfaces that result from uncontrolled wastewater discharges from its facilities. The postings do not necessarily prohibit use of recreational areas, unless posted otherwise, but provide a warning of potential public health risks due to sewage contamination.

The Director of Utilities or City Manager will determine if posting of a confirmed overflow is necessary.

B. Other Public Notification

Should the posting of surface water bodies or ground surfaces subjected to a sewer overflow be deemed necessary by the Utilities Department, the Department Director determines the need for further public notification.

V. REGULATORY AGENCY NOTIFICATION PLAN

The Regulatory Agency Notification Plan establishes procedures, which the City of Cameron follows to provide formal notice to the DNR as necessary in the event of a SSO.

Agency notifications will be performed in parallel with other internal notifications. Internal notification and mobilization of City sewer maintenance personnel are established in Section III - Overflow Response Procedure.

Using data supplied during the verification process and updates from the maintenance personnel, the City Utilities Department Supervisor, Director, or Alliance personnel (for plant and lift stations) prepares initial and final Overflow Reports. Initial report will be provided orally to the DNR and if necessary the local health department within either two (2) hours or 24 hours from the time the City became aware of the SSO. If the overflow will affect bathing areas during the bathing season, or public drinking water intakes, the City shall notify the DNR contact person and the Health Department contact person orally, within two

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hours of becoming aware of the discharge. If the overflow results in a fish kill, notify the DNR contact person, if possible, within two hours of becoming aware of the discharge.

Prepare and provide final report to the regulatory agency within five (5) days after the City becomes aware of the overflow. Submit by mail. It can also be sent by E-Mail at joe.heafner@dnr.gov. The City Water and Sewer Department Supervisor is responsible for meeting the notification requirement. The Water and Sewer Department Supervisor or Department Director prepares written notification to the appropriate regulatory agency of any confirmed overflows. The Utilities Director signs these notifications. The DNR contact person may waive the written report requirement on a case-by-case basis if the oral report was received within the required time frame. Regardless of other notifications, a Report of Noncompliance form is required to be submitted with the monthly Discharge Monitoring Report.

A. Immediate Notification

If the overflow will affect bathing areas during the bathing season, or public drinking water intakes, the City shall notify the DNR contact person and the Health Department contact person orally, within two hours of becoming aware of the discharge.

If the overflow results in a fish kill, notify the DNR contact person within two hours of becoming aware of the discharge.

Fax the initial and any updated Sewer Overflow Report to:

- **Missouri Department of Natural Resources,
Attn: Joe Heafner
Telephone: (816) 622-7000 or direct line 7025 to leave message.
Fax: (816) 622-7044
Weekends/Holidays/Evenings: If the overflow is major, call the spill line:
(573) 634-2436. If not major, leave message at (816) 622-7025.**

B. Secondary Notification

The Director of Utilities, Water and Wastewater Supervisor or Alliance personnel may contact other agencies, as necessary, as well as other interested and possibly impacted parties.

VI. MAINTENANCE OF SORP

The SORP will be reviewed on an annual basis. Possible amendments can include:

- Change in procedures
- Change in contact personnel
- Changes due to regulatory requirements

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APPENDICES

- Appendix A - Sanitary Sewer Overflow Report Form
- Appendix B - Sewer Overflow Notice Plan Flow Chart
- Appendix C - Sewer Overflow Response Tracking Protocol
- Appendix D - List of Public Offices to Report Overflow
- Appendix E - Suggested Criteria for Demonstrating How a Sewer Overflow was Unavoidable
- Appendix F - Measures to Avoid Sewer Overflow
- Appendix G - Overflow Descriptions and Required Notifications

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Appendix A SANITARY SEWER OVERFLOW REPORT FORM

1. Oral Reporting of Overflow, Bypass or Upset

All releases of untreated or partially treated sewage require 24-hour oral notification except those that require 2-hour oral notification.

- a. Overflow requiring 2-hour notification.
 - Impact or closure of bathing area
 - Impact or closure of public drinking water intake
 - Results in fish kills
 - Other: _____

- b. Overflow requiring 24-hour notification.
 - Gravity sewer manhole
 - Pump station
 - Treatment plant bypass
 - Other

- c. Oral report to DNR contact person.

Name: _____

Phone Number: _____

E-mail Address: _____

DNR Office: _____

Date of phone notification: ____/____/____

- d. Oral report to local Health Department contact person (if necessary).

Name: _____

Phone Number: _____

E-mail Address: _____

Health Department Office: _____

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Date of phone notification: ____/____/____

2. Overflow Location and Description

a. Location

City/Town/Village: _____

Address or Landmark: _____

b. Discharge Location:

- Directly to receiving ground water
- Ground
- Receiving water via storm drain
- Building

c. Type of overflow

- Gravity sewer manhole
- Pump station
- Bypass at treatment plan
- Other _____

3. Time of Overflow/Bypass Incident

- When did the incident begin? Date: ____/____/____

- Was the overflow/bypass event ongoing at the time of report: Yes No

If yes, how long is the incident expected to continue? _____

If no, when did event end? Date: ____/____/____ Time: _____

4. General Information about Overflow at this Location

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a. Estimated volume of overflow released at time of report: _____

b. Method of estimating volume: _____

c. Estimated total volume of overflow released at end of incident: _____

d. Were digital photos taken: Yes No

e. Corrective measures taken:

No action

Removed blockage

Repair pump station

Other: _____

f. Cause of overflow/bypass (select all those that apply):

Rain

Snow melt

High ground water

Other excessive flow

Sewer system blockage or collapse

Pump /lift station failure

Other: _____

g. Additional comment: _____

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MISSOURI DEPARTMENT OF NATURAL RESOURCES WASTEWATER BYPASS REPORT FORM

1. FACILITY NAME _____ PERMIT NO. 0104299 _____
2. Within 24 hours of discovery, notify the MDNR Regional Office by phone [(816) 622-7000] or fax [(816) 622-7044], Report weekend and holiday bypasses to regional office on next regular business day; if the bypass poses an eminent threat to human health or the environment or causes a fish kill, contact MDNR Environmental Emergency Response at (573) 634-2436.

DATE _____ TIME _____ PERSON CONTACTED _____

3. Within 5 days of becoming aware of the circumstances of the bypass, submit this report to the MDNR Regional Office: Missouri Department of Natural Resources, Kansas City Regional Office, 500 NE Colbern Road, Lee's Summit, MO 64086.
4. DATE bypass began or discovered _____ TIME _____
5. DATE bypass ended _____ TIME _____
6. Approximate number of gallons bypassed _____
7. Receiving stream _____
8. Bypass source and location (i.e. pump station, wastewater treatment plant, manhole)

9. Cause of bypass _____

10. Corrective action and/or clean-up _____

11. Observed environmental impact including dissolved oxygen measurements _____

Name of representative making report _____

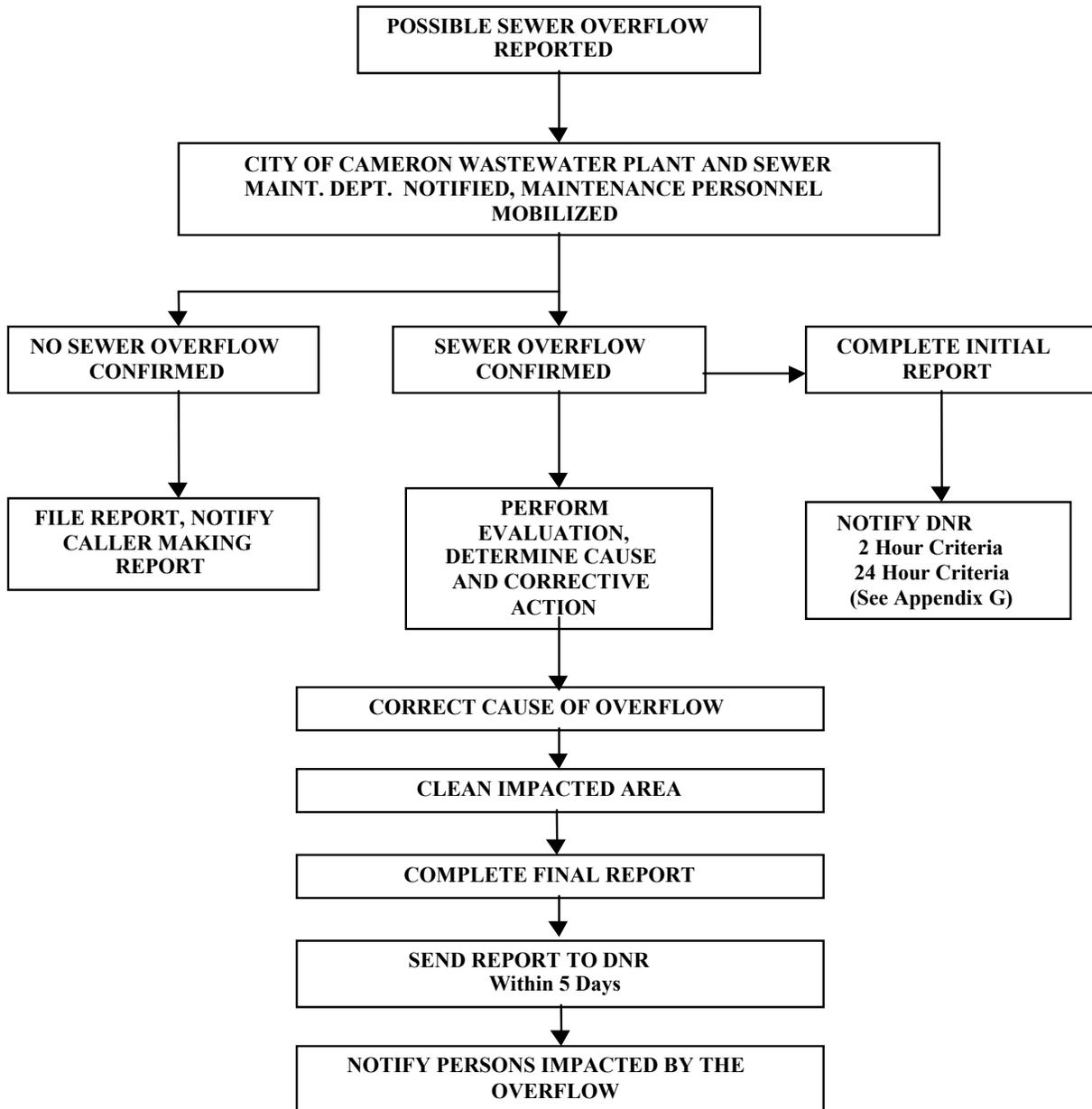
Title _____

Date of report _____

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Appendix B

SEWER OVERFLOW NOTICE PLAN FLOW CHART – CITY OF CAMERON WASTEWATER DISPOSAL SYSTEM



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Appendix C

SEWER OVERFLOW (SSO) RESPONSE TRACKING PROTOCOL CITY OF CAMERON WASTEWATER DISPOSAL SYSTEM

Step	Event
1	Report of possible SSO received by a telephone operator
2	Telephone Operator enters received information into Sewer Overflow Report
3	Telephone Operator contacts City of Cameron Utilities Department, which then deploys maintenance personnel to confirm reported SSO.
4	Maintenance personnel reports back to the City Utility Supervisor reporting significance of the overflow.
5	City Utility Department Supervisor completes initial Overflow Report. If the overflow will affect bathing areas during the bathing season, or public drinking water intakes, the City shall notify the DNR contact person and the Health Department contact person orally, within two hours of becoming aware of the discharge. If the overflow results in a fish kill, notify the DNR contact person within two hours of becoming aware of the discharge.
6	Within 5 days the City of Cameron Director of Utilities prepares final Overflow Report. Report is mailed to DNR.
7	Data from Overflow Report are entered into a permanent record on file at the Utilities Department.
8	Attach Report of Noncompliance to Discharge Monitoring Report

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Appendix D

LIST OF PUBLIC OFFICES TO REPORT OVERFLOW – CITY OF CAMERON WASTEWATER DISPOSAL SYSTEM

Contact Name	Telephone
City Hall	(816) 632-2177
Utilities Dept.	(816) 632-2177
Wastewater Treatment Plant	(816) 632-7361
Fire Department (non-emergency)	(816) 649-3473
Police Department	(816) 632-6521
Dept. of Natural Resources	(816) 622-7000
Clinton County Health Dept.	(816) 539-2144
Tri-County Health Dept. (DeKalb)	(660) 783-2727 (Trenton)
Water Treatment Plant	(816) 632-2844 (This number is also for after hours call out of City standby personnel)

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Appendix E

SUGGESTED CRITERIA FOR DEMONSTRATING HOW A SEWER OVERFLOW WAS UNAVOIDABLE – CITY OF CAMERON WASTEWATER DISPOSAL SYSTEM

SSO's can be demonstrated as unavoidable by showing the discharge meets each of the criteria 1 through 5.

1. The discharge resulted from a temporary, exceptional incident that was either:
 - A. Necessary to prevent loss of life, personal injury, or severe property damage
 - B. Beyond the reasonable control of the operator. Incidents beyond the reasonable control of the operator would include:
 - Exceptional acts of nature;
 - Third party actions that could not be reasonably prevented, including vandalism that could not be avoided by reasonable measures;
 - Blockages that could not be avoided by reasonable measures;
 - Unforeseeable sudden structural, mechanical, or electrical failure that could not be avoided by reasonable measures.
2. The discharge had no feasible alternative
3. The discharge was not caused by any of the following;
 - A. Operational error,
 - B. Improperly designed or constructed collection system facilities,
 - C. Inadequate collection system facilities or components,
 - D. The lack of appropriate preventive maintenance, or
 - E. Careless or improper oversight
4. Steps to stop the discharge, address the source of the problem, and mitigate potential impacts from the discharge were taken as soon as possible after becoming aware of the release.

Appendix F

MEASURES TO AVOID SEWER OVERFLOW

CITY OF CAMERON WASTEWATER DISPOSAL SYSTEM

A. Proper Collection System Maintenance and Operations Program

- Cleaning of pipes (grease, roots deposits)
- Sealing or maintenance for deteriorating sewers
- Remediation of poor/substandard construction (short term)
- Sewer replacement or rehabilitation program (long term)
- Proper maintenance and operations of pump stations
- Inspection of private laterals

B. New Wastewater Disposal System Construction

- Use latest technology and standards in constructing new wastewater disposal system improvements
- Perform proper construction inspection/quality assurance procedures

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Appendix G OVERFLOW DESCRIPTIONS AND REQUIRED NOTIFICATION

Overflows requiring 2-Hour Verbal Notification

- impact or closure of bathing area during bathing season (DNR & HEALTH DEPT)
- impact of closure of public drinking water intake (DNR)
- results in a fish kill (DNR)

Overflows Requiring 24-Hour Notification (DNR only)

- gravity sewer manhole
- pump station
- sewer siphon
- treatment plant bypass

DNR

Joe Heafner
500 NE Colbern Rd.
Lee's Summit, MO 64086P
Phone: (816) 622-7000
Fax: (816) 622-7044
E-Mail: joe.heafner@dnr.mo.gov

HEALTH DEPT.

Clinton County Health Unit
Phone: (816) 539-2144

Tri-County Health Unit
Phone: (660) 783-2707