

## **City of Lebanon**

### Sanitary Sewer Overflow Response Plan

**Purpose:** This Response Plan is designed to outline the procedures and programs to be used when responding to a Sanitary Sewer Overflow (SSO) as to minimize the environmental impact and potential human health risk of SSOs.

#### **SSO Response Plan**

- I. Notification of an SSO event will be given to the Superintendent in charge of the WWTP/Sewer Maintenance Department. He can be notified by: Office phone or cellular phone. If he cannot be notified then the Assistant Superintendent shall be notified by: Office phone or cellular phone.
- II. After notification has been made to the proper supervisor, that supervisor will determine the necessary personnel and equipment needed to handle the SSO situation. The supervisor shall have the authority to call in personnel needed for any after hour emergencies. During normal working hours (8am-5pm Mon.-Fri.) the supervisor will have the resources of any City of Lebanon Departments needed.
- III. Upon arrival to an SSO situation all efforts will be made to correct the cause of the SSO. Measures will be taken to notify and protect the public from exposure to any health hazards associated with SSOs. Barriers such as fencing or cones, will be used to protect the public until proper clean up is complete. The public will be informed in person or written media as to the progress of resolving the problem. Chemicals such as lime shall be used to reduce the possible health concerns. Any solids or other excess material shall be hauled away and disposed of by the use of City equipment.
- IV. In the case of an extended SSO event City personnel will use all available resources to minimize the volume of untreated wastewater discharge. Portable pumps will be rented if the City's equipment is insufficient to reduce the discharge volume.
- V. The City shall investigate the cause of any SSO event. The City Maintenance Crew will use any equipment and resources available in this process. This investigation will provide the necessary information required to correct the SSO event. If a change in preventative maintenance schedule needs to be changed, this will provide the information. A Work Order will be filled out that outlines the needed repairs to correct the SSO event when re-construction is needed. A completed Work Order will be turned into the Maintenance Supervisor for review and to determine if the action was sufficient to eliminate future SSOs for that location.
- VI. Training will be provided to Maintenance Personnel at least yearly to review proper maintenance and repair procedures. This training will also be used to update new procedures available. Training will provide hands on use of available City equipment. When circumstances allow cross training during the regular work schedule will improve personnel's knowledge of equipment and

techniques. The purpose of this training is to provide the ability to have all maintenance personnel able to use any equipment to help with routine and emergency situations.

VII. The resource commitment that the City offers are in personnel, equipment and financial. The number on staff that does normal routine maintenance is six (6) with the ability to call upon an additional ten (10) if the situation calls for more. The equipment list for maintenance purposes include: a high pressure water jetter/vacuum truck (Vactor 2107), a back up high pressure water jetter truck, an easement machine that allows access to sanitary sewers which the jetter trucks cannot drive to, Closed Circuit Television Camera for inspection of sanitary sewer lines, four (4) Case 590 Back-hoes, two (2) 410G John deere back-hoes, two (2) CX225 Excavators, two (2) 553 Cat track loaders, smoke testing equipment, confined space entry equipment, six (8) pick-up trucks, one (1) full size van, sewer maps, manhole locators, access to a 6" diesel pump and other associated equipment and tools.

VIII. All activities related to SSO events will be reported orally to MDNR within 24 hours. Written notice of SSO within 5 days to EPA/MDNR, and a monthly written summary of SSOs sent to EPA/MDNR and the Laclede County Health Department. Reports shall contain cause, estimated volume, source, location, date/duration, destination of flow, corrective action, name of reporter, weather condition/rainfall, and water quality.