

Section 1. Registration Information

Source Identification

Facility Name:	Grand Glaize Treatment Plant
Parent Company #1 Name:	Metropolitan St. Louis Sewer District
Submission Type:	Resubmission
Receipt Date:	June 2004
Status:	Deregistered
Deregistration Effective Date:	November 2007

Facility Identification

Facility ID:	1000 0010 9768
--------------	----------------

Dun and Bradstreet Numbers (DUNS)

Facility DUNS:	980739585
----------------	-----------

Facility Location Address

Street 1:	1000 Grand Glaize Parkway
Street 2:	N/A
City:	Valley Park
State:	MO
ZIP:	63088
ZIP4:	1952
County:	St. Louis

Facility Latitude and Longitude

Latitude (decimal):	38.561953
Longitude (decimal):	-090.471878

Local Emergency Planning Committee and Regulations

LEPC:	N/A
OSHA PSM:	N/A
EPCRA 302:	Yes
CAA Title V:	N/A

Process Chemicals

Program Level:	Program Level 2 process
Chemical Name:	Chlorine
CAS Number:	7782-50-5
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Sulfur dioxide (anhydrous)
CAS Number:	7446-09-5
Flammable/Toxic:	Toxic

Process NAICS

NAICS Code:	22132
NAICS Description:	Sewage Treatment Facilities

Section 6. Accident History

Accident History ID: Accident 1

Date of Accident:	March 2002
Time Accident Began (HH:MM):	00:00
NAICS Code of Process Involved:	22132
NAICS Description:	Sewage Treatment Facilities
Release Duration:	468 Hours 00 Minutes

Release Event

Gas Release:	N/A
Liquid Spill/Evaporation:	Yes
Fire:	N/A
Explosion:	N/A
Uncontrolled/Runaway Reaction:	N/A

Release Source

Storage Vessel:	N/A
Piping:	Yes
Process Vessel:	N/A
Transfer Hose:	N/A
Valve:	N/A
Pump:	N/A
Joint:	N/A
Other Release Source:	Chlorinated water from 36" deep underground piping (2" PVC)

Weather Conditions at the Time of Event

Wind Speed:	12.0
Units:	Miles/h
Direction:	SSE
Temperature:	54
Atmospheric Stability Class:	N/A
Precipitation Present:	N/A
Unknown Weather Conditions:	N/A

On-Site Impacts

Employee or Contractor Deaths:	0
Public Responder Deaths:	0
Public Deaths:	0
Employee or Contractor Injuries:	0
Public Responder Injuries:	0
Public Injuries:	0
On-Site Property Damage (\$):	0

Known Off-Site Impacts

Deaths:	0
Hospitalizations:	0
Public Deaths:	0
Other Medical Treatments:	0
Evacuated:	0
Sheltered-in-Place:	0
Off-Site Property Damage (\$):	0

Environmental Damage

Fish or Animal Kills:	N/A
Tree, Lawn, Shrub, or Crop Damage:	N/A
Water Contamination:	N/A
Soil Contamination:	Yes
Other Environmental Damage:	none

Initiating Event

Initiating Event:	Equipment Failure
-------------------	-------------------

Contributing Factors

Equipment Failure:	Yes
Human Error:	N/A
Improper Procedures:	N/A
Overpressurization:	N/A
Upset Condition:	N/A
By-Pass Condition:	N/A
Maintenance Activity/Inactivity:	N/A
Process Design Failure:	N/A
Unsuitable Equipment:	N/A
Unusual Weather Condition:	N/A
Management Error:	N/A
Other Contributing Factor:	Underground 2" chlorinated-water PVC pipe was encased in street concrete. Street settled; pipe ruptured under street.

Off-Site Responders Notified

Off-Site Responders Notified:	Notified Only
-------------------------------	---------------

Changes Introduced as a Result of the Accident

Improved or Upgraded Equipment:	Yes
Revised Maintenance:	N/A
Revised Training:	N/A
Revised Operating Procedures:	N/A
New Process Controls:	N/A
New Mitigation Systems:	N/A
Revised Emergency Response Plan:	N/A
Changed Process:	N/A
Reduced Inventory:	N/A
None:	N/A
Other Changes Introduced:	Repaired PVC water pipe was sleeved within ductile iron pipe.

Chemicals in Accident History

Quantity Released (lbs):	42
Percent Weight:	N/A
Chemical Name:	Chlorine
CAS Number:	7782-50-5
Flammable/Toxic:	Toxic

Section 9. Emergency Response

Written Emergency Response (ER) Plan

Community Plan (Is facility included in written community emergency response plan?):	Yes
Facility Plan (Does facility have its own written emergency response plan?):	Yes
Response Actions (Does ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?):	Yes
Public Information (Does ER plan include procedures for informing the public and local agencies responding to accidental release?):	Yes
Healthcare (Does facility's ER plan include information on emergency health care?):	Yes

Local Agency

Agency Name (Name of local agency
with which the facility ER plan or
response activities are coordinated):

Valley Park Fire Department

Agency Phone Number (Phone number
of local agency with which the facility
ER plan or response activities are
coordinated):

(636) 225-4288