

**DALLAS WATER UTILITIES
SLUG DISCHARGE CONTROL PLAN**

Purpose

- To set standards to prevent chemical spills and leaks of chemicals to the sewer system that might cause harm or pass through at Dallas Water Utilities (DWU) Wastewater Plants or cause injury to persons.
- To provide a plan should a spill take place.
- To set criteria for prompt action and notification to the proper personnel dealing with a spill.

A slug discharge control plan shall address, at a minimum, the following:

- A. Description of the facility;
- B. Description of discharge practices, including non-routine batch discharges;
- C. Description of stored chemicals;
- D. Procedures for
 1. Immediately notify, via telephone, the Pretreatment & Laboratory Services Division (PALS) of any accidental or slug discharge, as required by the wastewater discharge permit.
 2. Follow up written report within five days.
 3. A plan to be adopted in case of a spill.
- E. Procedures to prevent adverse impact from any accidental or slug discharge to the sanitary sewer including;
 1. Routine inspection and maintenance of chemical/liquid storage tanks/areas.
 2. Procedures for handling and transferring of liquids/solids, including loading and unloading of these materials.
 3. Controls in place to prevent liquids from leaving the plant site, including stormwater run-off.
 4. Employee training and documentation.
 5. Secondary containment for liquid storage tanks.
 6. Measures for containing organics, such as solvents, on-site.
 7. Emergency response measures and equipment for emergency response.
- F. Slug Discharge Control Plan (SDCP) Certification Statement

Important Telephone Numbers

(Notification to the required agencies must be done individually)

City Notification related to wastewater impact:
Pretreatment Services Division (PALS) – (214) 670-6749

Notification related to storm water impact:

State TCEQ emergency response for discharge, spill: 1-800-832-8224
DFW Regional 4 Office: (817) 588-5800

Federal National Response Center (NRC) 1-800-424-8802

EXAMPLE

SLUG DISCHARGE CONTROL PLAN (SDCP)

A. Description of the facility

1. Facility Name: _____
2. Authorized Signatory and Title: _____
 - a) Work Telephone: _____
 - b) Home Telephone: _____
3. Contact Person and Title: _____
 - a) Work Telephone: _____
 - b) Home Telephone: _____
4. Business Type: _____
5. Operating Schedule:
 - a) Number of shifts: _____
 - b) Hours of shifts: _____
6. Number of employees per shift: _____
 - a) Number of shifts: _____
 - b) Hours of shifts: _____
7. Average Daily Flow: _____
8. Hours of Discharge: _____
9. Categorical Pretreatment Standards applicable at facility: _____

B. Description of discharge practices, including non-routine batch discharges

Process discharge practices

Process Description	Average Flow (GPD)	Maximum Flow (GPD)	Type of Discharge (batch, continuous, none)

If you have chemical storage containers, bins, or ponds in a manufacturing area, could an accidental spill lead to a discharge to: (Check all that apply).

- an onsite disposal system
- public sanitary sewer system (e.g. through a floor drain)
- storm drain
- to ground
- other; specify _____
- not applicable, no possible discharge to any of the above routes

C. Please describe the floor drains in your manufacturing and chemical storage areas. Where do they discharge? _____

C. Description of stored chemicals

1. Description of security provisions dealing with chemical storage, treatment, and process control (i.e. overflow alarms on tanks):

2. Describe chemical storage containers, bins, or ponds at your facility. Please give a description of their location, contents, size, type, and frequency and method of cleaning. Also indicate in a diagram or comment on the proximity of these containers to a sewer or storm drain. Indicate if buried metal containers have cathodic protection.

D. Procedures for notification and adopted plans in case of a spill

1. Notify Company Supervisor
2. Notify Emergency Contact Person
3. Emergency notice to employees of spill and chemical involved.
4. Notify : Pretreatment & Laboratory Services Division (PALS)
Dallas Water Utilities Department
5510 S. Westmoreland Suite 200
Dallas, Texas 75237
Telephone Number : (214)670-6949
Fax Number: (214)243-2360
5. Contain the spill as soon as possible.
6. If it has reached the sanitary sewer:
 - a) Neutralize with chemicals, if possible
 - b) Contain as much as possible
7. Estimate size of spill and chemicals involved.
8. Notify PALS immediately but not to exceed 24 hours after becoming aware of spill.
9. A written report will be sent to PALS within 5 days. The report should specify:
 - a) Description and cause of the upset (example, whether slug load or accidental discharge) including location of discharge, type, concentration, and volume of waste.
 - b) Duration of noncompliance including exact dates and times of noncompliance and, if the noncompliance is continuing, an immediate response to cause the non-complaint discharge to cease; also continuous communication with the affected parties so as to keep them informed of the situation.
 - c) All steps taken or to be taken to reduce, eliminate, and prevent continuation or recurrence of such an upset, slug load or accidental discharge, spill, or other conditions of noncompliance.

E. Procedures to prevent adverse impact from any accidental or slug discharge

1. Routine inspection and maintenance of chemical/liquid storage tanks/areas
 - a. Check tanks regularly for cracks, holes, and deteriorating metal that could result in leaks.
 - b. Check chemical storage areas and containers on a regular basis to insure leaks are not occurring.

2. Procedures for handling and transferring of liquids/solids
 - a. Monitor solution level when filling tanks to prevent overflow
 - b. Loading and unloading procedures
 - c. Use Special Control valves
3. Describe the controls in place to prevent liquids from leaving the plant site, including stormwater run-off.
4. Employee training and documentation: To educate employees handling the chemicals and the importance of not releasing those chemicals to the sanitary sewer system.
5. Secondary containment for liquid storage tanks.
6. Measures for containing organics, such as solvents, on-site.
7. Emergency response measures posted throughout the plant.
8. Equipment on hand to help contain spills.
 - pumps
 - chemical absorbent pads
 - neutralizing agents
 - sand bags
 - other _____

F. SDCP Certification Statement

Based on my inquiry of the person or persons directly responsible for preparing and managing Slug Discharge Control Plan (SDCP), I certify that this facility is implementing the SDCP submitted to the control authority (City) on (Date).

Name(s)	Title	
Signature	Date	Telephone