

MALAGA COUNTY WATER DISTRICT
EVALUATION OF SIU's NEED FOR A PLAN TO CONTROL SLUG DISCHARGE

INDUSTRY/COMMERCIAL Entity: _____

Contact Person (Name/Phone Number): _____

MCWD Non Residential Wastewater Discharge Permit No.: _____

Purpose: The questions below are used to help the District determine whether the SIU needs a plan to control slug discharge. The following procedure shall be fully and effectively exercised and implemented once a year.

- 1) Did SIU have slug discharge in the past year? _____ yes _____ no

If yes, the inspector should investigate the results of such activity by interview or by requesting to review reports on the slug discharge. The inspector should retain a copy of the report (if available) for IU's file or summarize the activities when the slug discharge occurred.

- 2) To determine whether a "slug control plan" is needed by the SIU, the inspector should ask the following questions:

- a) Does the SIU store chemicals or other volumes of materials?

If yes, describe the location, volume, and material(s) stored.

Describe any secondary containment facilities.

Describe the area surrounding the materials. Identify floor drains or other means of conveyance of spills.

- b) Do the pretreatment facilities have tanks or elevated structures that contain materials that may spill?

If yes, describe.

- c) Can the facility process bypass the pretreatment facilities?

If yes, describe.

- d) Is there a notice board for employees advising them to call the District office (559-485-7353) or Wastewater Treatment Plant (559-495-1070) in the event of an uncontrolled discharge (ASAP or within 1 hour)? yes
 no

- e) Does the notice identify the following as minimum requirements:

Time of day

Location

Type of Discharge

Concentration

Volume

Corrective Action Taken

yes no

3) Based on questions #2a-e and site observation, does the SIU need a plan to control slug discharge? _____ yes _____ no

If the answer to question #3 is “no”, write comments and conclude this part of the inspection.

If the answer to question#3 is “yes” then the inspector should indicate to the SIU that clearly identified practices to control slug discharge are needed. The Slug Control Plan should satisfy the basis components listed in Appendix B (IU Slug Control Plan Review Checklist for POTWs) of the EPA Guidance Manual “Control of Slug Discharge Loadings to POTWs” (Attached).

Comments:

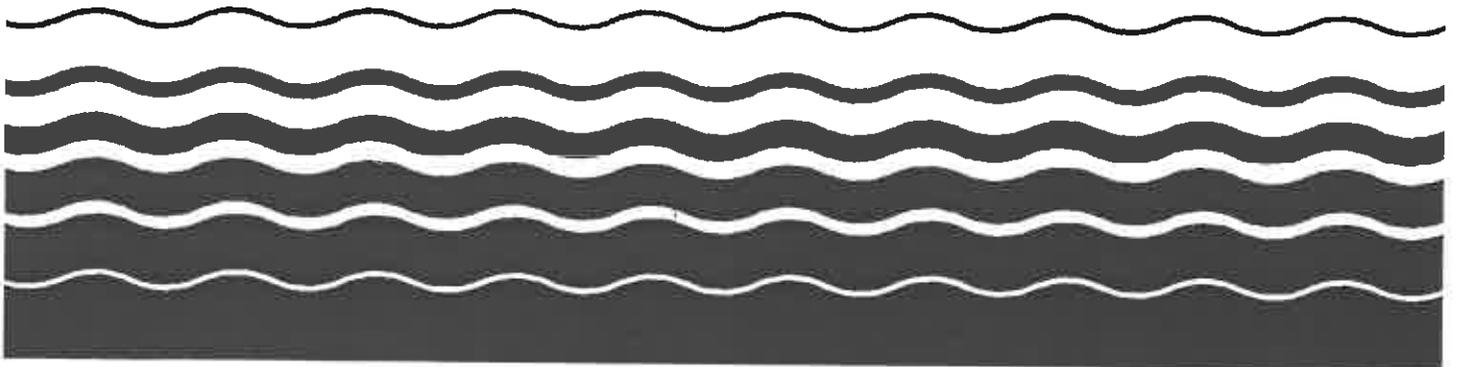
Reviewer: _____ Date: _____ Time: _____

Slug discharge according to 40 CFR Section 403.8 f (2) v is any discharge of a non-routine episodic nature, including, but not limited to, an accidental spill or a non customary batch discharge.



Control Of Slug Loadings To POTWs

Guidance Manual



APPENDIX B

IU SLUG CONTROL PLAN REVIEW CHECKLIST FOR POTWs

APPENDIX B. IU SLUG CONTROL PLAN REVIEW CHECKLIST FOR POTWs

The IU Slug Control Plan should be evaluated using the following requirements criteria and checking the appropriate column. A check in the "S" Column means the Plan satisfactorily meets the requirements; "U" means the Plan unsatisfactorily meets the requirements; "A" means that additional information is needed to determine if the requirement is being met; and "N/A" means the requirement is not applicable to the facility. The reviewer should use best engineering judgment in determining the adequateness of the Plan in meeting each requirement. Comments should be provided as appropriate.

	S	U	A	N/A
I. General Information				
Facility Name, Address, Contacts and Phone Numbers				
Type of Business, Operating Schedule, Number of Employees				
Daily Wastewater Discharge Flow Rates(s)				
Applicable Categorical Standards				
Previous Slugs				
Security and Warning Signs				
Comments:				

II. Facility Layout and Flow Diagrams

General Layout of Facility Showing:

	S	U	A	N/A
Property Boundaries				
Entrance and Exit Routes				
Manufacturing Areas				
Hazardous Materials Process & Storage Areas				
Waste Handling, Storage and Treatment Facilities				
Loading and Unloading Areas				
Drainage Direction				
Floor Drains, Pipes, and Channels and Drainage Destinations				
Flow Diagram(s) Showing:				
Piping and Instrumentation				
Flow Rates				
Tanks and Capacities				
Treatment Systems				
Final Destinations of Flows				
Comments:				

III. Hazardous Materials Data

Hazardous Materials

Location

Maximum Volume

Container Volume

Type of Container

Comments:

S	U	A	N/A

IV. Slug Prevention Equipment and Procedures

Adequate Equipment in the Following Areas:

Storage

Loading/Unloading

Process

Treatment

Other Areas:

Comments:

S	U	A	N/A

	S	U	A	N/A
Adequate Procedures Including the Following:				
Inspections and Maintenance of Containers and Tanks				
Inspections and Maintenance of Slug Prevention and Response Equipment				
Inspections of Storage, Process, Loading and Unloading Areas				
Proper Labeling				
Other Procedures Needed:				
Comments:				

	S	U	A	N/A
V. Emergency Response Equipment and Procedures				
Availability of the Following Equipment:				
Communication Equipment and Alarms				
Spill Containment and Control Equipment and Tools				
Spilled Material Storage Containers				
Protective Clothing				
Respirators				
First Aid Kits				
Decontamination Equipment				
Ventilation Equipment				

	S	U	A	N/A
Other Equipment Needed:				
Comments:				
Adequate Response Procedures Including the Following:				
Notification of Responsible Facility Personnel				
Chain of Command				
Safety and First Aid Procedures				
Evacuation Procedures				
Notification of Outside Assistance				
Spill and Slug Assessment Procedures				
Spill and Slug Cleanup Procedures				
Decontamination Procedures				
Procedures for Preventing Contact Between Incompatible Materials				
Procedures for Disposing or Treating Spilled Materials				
Other Procedures Needed:				
Comments:				

	S	U	A	N/A
VI. Slug Reporting and Control Plan Modification Procedures				
Slug Reporting Procedures				
Slug Plan Modification Procedures				
Comments:				

	S	U	A	N/A
VII. Training Program				
Detailed Outline of Training Program				
Training Appropriate to Job Description				
Hazards of Chemicals Used at the Facility				
Emergency Response Training				
Comments:				

	S	U	A	N/A
VIII. Certifications				
Facility Representative Certification				
Professional Engineer Certification				
Comments:				

General Comments and Follow-up Actions Needed:

IX. Approval Status

Approved _____
Not Approved _____

Reviewed by: _____ Date: _____
(POTW Reviewer)

APPENDIX C

EXAMPLE FORMS TO DOCUMENT SLUGS

- **SLUG NOTIFICATION LOG SHEET**
- **LOG OF CONTACT WITH OTHER AGENCIES**
- **LOG OF KEY EVENTS OF THE SLUG**
- **FINAL REPORT FORM**