

SMCWPPP CII Stormwater Inspector Training - Case Studies Group Exercise

June 13, 2024

Group Exercise Discussions

- **What is the issue?**
- **What do you write on the inspection form?**
- **Is it an actual or potential discharge?**
- **What BMP effectiveness score? (e.g., 0=effective, 1= fairly/mostly effective, 2=not effective, 3=none implemented)**
- **What corrective actions do you require?**
- **What enforcement action do you take?**



Standard Stormwater Facility Inspection Report Form

Reason for Inspection: First Inspection Routine Inspection Response to Complaint Follow-up **Re-Inspection Due:**

NAME OF FACILITY _____ SITE ADDRESS _____

CONTACT NAME	PHONE	BUSINESS TYPE/ACTIVITY	SIC
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Pollutants of Concern Used at Facility? yes no If yes, indicate which ones: PCBs Mercury Copper Other _____

Is the facility covered under any other programs or permits? (Check all that apply.) None Sanitary sewer

Air quality Hazmat business plan Underground storage tanks Above ground storage tanks

Fire department (hazard storage) Hazmat waste generator Retail food facility Other _____

Is the facility covered under a storm water permit? Does not need coverage No, but may need to be (Refer to Water Board staff)

Individual General Does the facility have a SWPPP? yes no

N/A = Not Applicable; NSW = Non-Stormwater Discharge/ Actual Discharge/ Illicit Discharge
 BMP effectiveness: 0 = BMPs are effective, 1 = BMPs are fairly/almost effective, 2 = BMPs are not effective, 3 = No BMPs are implemented

ACTIVITY AREAS	Potential Discharge	Actual Discharge	REMARKS: Describe recommendations, requirements, and time to implement	
	N/A	BMP Effectiveness	NSW	
A. Outdoor Process/Manufacturing Areas				
B. Outdoor Material Storage Areas				
C. Outdoor Waste Storage/Disposal Areas				
D. Outdoor Vehicle and Heavy Equipment Storage, Maintenance Areas				
E. Outdoor Parking Areas and Access Roads				
F. Outdoor Wash Areas				
G. Rooftop Equipment				
H. Outdoor Drainage from Indoor Areas				
I. Other (describe):				

COMMENTS/REMARKS/REQUIREMENTS Structural control present Maintenance required in storm drain system yes no

See attached for more comments.

PRIORITY ROUTINE INSPECTION: <input type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low			<input type="checkbox"/> Referred to:		
ENFORCEMENT LEVELS:	<input type="checkbox"/> None	<input type="checkbox"/> Verbal Warning	<input type="checkbox"/> Warning Notice	<input type="checkbox"/> Admin. Action with Penalty &/or Cost Recovery	<input type="checkbox"/> Legal Action

Were violations corrected within 10 days or otherwise deemed resolved in a timely manner? N/A yes no see Follow-Up Inspection Report

Facility Representative: _____ Inspector: _____

Case Study #1 - Waste Storage

Trash and debris placed near waste containers but not overflowing



- *Enforcement/corrective actions needed?*
- *What if it is cleaned up before you leave?*

Case Study #1 - Waste Storage

Trash and debris has been cleaned and waste the containers remain lidded



- *Are corrective actions sufficient?*

Case Study #2 - FOG Storage

FOG residue on the tallow bin and immediate area

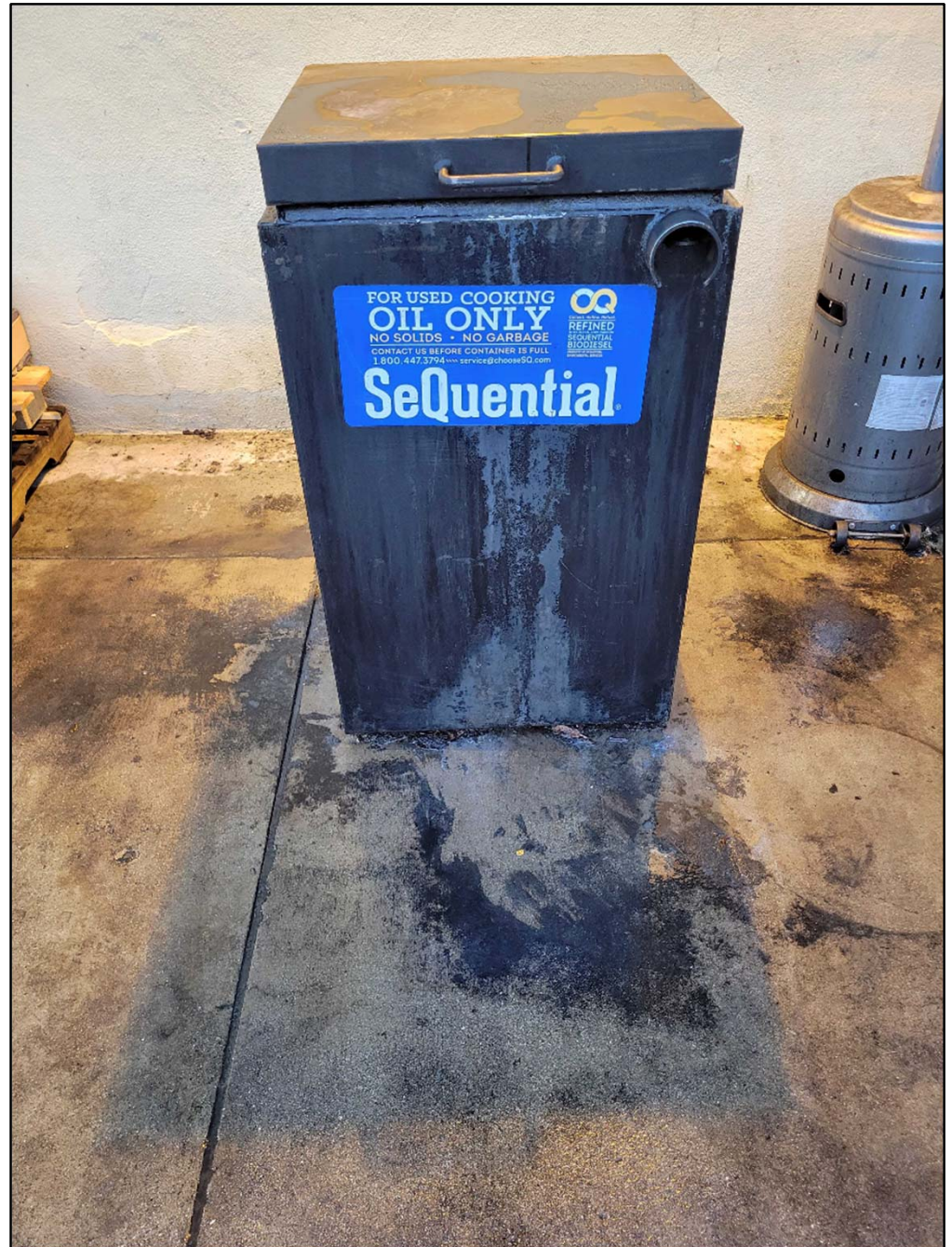
- *Enforcement/ corrective actions needed?*
- *What instructions/options do you provide for cleaning?*



Case Study #2 - FOG Storage

Cleaned tallow bin
and immediate area

- *Are corrective actions sufficient?*



Case Study #3 - Material Storage



This facility is relatively clean and organized



- *Enforcement/ corrective actions needed?*

Case Study #3 - Material Storage



Galvanized material covered with tarps

- *Were corrective actions necessary?*



Case Study #4 - Illicit Discharge

- Muddy water from holes being drilled at construction project on school grounds
- Entered storm drain
- *Enforcement/corrective actions needed?*
- *Is this tracked in your IDDE Program or Construction Inspection Program?*



Mar 28, 2024, 1:29 PM

Case Study #5 – Illicit Connection

Newspaper processor has PVC pipe extending out from the building daylighting over storm drain



Case Study #5 – Illicit Connection

No discharge observed during the inspection



- *Is this an active or potential discharge if not observed during the inspection?*
- *What corrective actions should be implemented?*
- *What if it is found to be air conditioning condensate? Process wastewater?*