



Sunnyvale

O&M Inspections

Julie Choun
C3 Workshop, 10/29/19



Agenda

- Sunnyvale's Program
- Documentation
- Identifying C3 Projects
- Challenges

Who We Are

Compliance Inspection Group

- 6 Environmental Compliance Inspectors (ECIs)
- 2 Laboratory/Field Technicians
- 1 Senior Environmental Inspector
- All ECIs conduct wastewater and stormwater inspections at a variety of businesses, such as:
 - ◆ Significant Industrial Users
 - ◆ Automotives
 - ◆ Restaurants
 - ◆ Dentals
 - ◆ Machine Shops
 - ◆ Etc.

Sunnyvale's Program

- 100% of C3s in our inventory inspected annually
 - ◆ Currently 150 Sites
 - ◆ 165 inspections FY 18/19
 - ◆ FY 18/19 = 96% Compliance Rate
- Completed in rainy season- October-April
- Of the 150 sites
 - ◆ 109 are residential
 - ◆ 41 commercial
 - ◆ 39 are vault based
 - Now accepting third party certifications

Vault Based

Taking Measurements



Common Enforcement Actions for LID

- Erosion
- Lack of Plants



Inspection Forms

Standard Stormwater Treatment BMP Inspection Data Collection Form

Date: _____ Time: _____ File Number: _____
 Municipality: _____ Agency or Department: _____
 Inspectors: _____

I. REASON FOR INSPECTION

☐ Initial ☐ Follow-up ☐ Other _____
☐ Routine ☐ Response to Complaint Inspection Frequency: _____

II. PROJECT INFORMATION

1. ID # or Assessor Parcel Number: _____ 2. Year of Installation: _____
 3. Project Type: ☐ Residential ☐ Commercial ☐ Industrial ☐ Multi-use ☐ Road ☐ Institutional ☐ Other _____
 4. Facility Name: _____
 Site Address: _____
 Contact Name: _____ Phone: _____
 5. If the property owner is different than the contact name, fill out information below:
 Owner Name: _____ Title: _____
 Owner's Address: _____ Phone: _____
 6. If the BMP operator is different than the contact name, fill out information below:
 Name: _____ Title: _____
 Address: _____ Phone: _____
 7. Maintenance Documentation: ☐ Reviewed ☐ Not Reviewed ☐ Not Available ☐ Other: _____
 8. Party responsible for O&M Documentation: ☐ Property owner ☐ BMP Operator ☐ Contractor ☐ Other: _____

III. BMP TYPE AND INSPECTION RESULTS (Use Codes from "Potential Inspection Results with Definitions" sheet)

| Biofiltration | Structural | Infiltration |
|---|--|--|
| <input type="checkbox"/> Vegetated Swale | <input type="checkbox"/> Drain Inlet | <input type="checkbox"/> Infiltration Basin |
| <input type="checkbox"/> Vegetated Buffer Strip | <input type="checkbox"/> Porous Pavement | <input type="checkbox"/> Infiltration Trench |
| <input type="checkbox"/> Skerston | <input type="checkbox"/> Media Filter | <input type="checkbox"/> Exfiltration Trench |
| <input type="checkbox"/> Root Gardens | <input type="checkbox"/> Hydrodynamic Separator | <input type="checkbox"/> Retention/Infiltration |
| <input type="checkbox"/> Planter Boxes | <input type="checkbox"/> Water Separator | <input type="checkbox"/> Other (Describe): _____ |
| Detention | <input type="checkbox"/> Water Quality Inlet | |
| <input type="checkbox"/> Extended Detention Basin | <input type="checkbox"/> Underground Detention Systems | |
| <input type="checkbox"/> Wet Pond | <input type="checkbox"/> Wet Vault | |
| <input type="checkbox"/> Wetland | | |

2. Is maintenance needed at this time? ☐ Yes ☐ No 3. *Mosquitoes or Mosquito Larvae Present? ☐ Yes ☐ No
 4. Comments/Notes: _____

IV. FOLLOW-UP AND ENFORCEMENT ACTIONS (Add additional information on back)

1. Describe corrective actions needed: _____
 2. Describe materials distributed (brochures, BMPs, etc.): _____
 3. Describe Enforcement Action:
☐ None ☐ Verbal Notice ☐ Warning Notice ☐ Administrative Action ☐ Administrative Action with Penalty/Fine ☐ Civil Action
☐ Criminal Action ☐ Referral for Enforcement
 4. Follow-up required? ☐ Yes ☐ No ☐ Comments _____
 5. Priority for reinspection: ☐ High ☐ Medium ☐ Low
 6. Return inspection needed? ☐ Yes ☐ No ☐ Comments _____
 7. Required Compliance Date: _____ Date Corrected: _____

Facility Representative: _____ Inspection: _____

CITY OF SUNNYVALE – INSPECTION NOTICE

 Responsible Party: _____ Date of Inspection: _____
 Address: _____ Inspection Type: ☐ Routine ☐ Follow-Up

I acknowledge that the site noted above was inspected by the City of Sunnyvale Environmental Services Department – Regulatory Programs Division, Compliance Inspection Group.

At the time of inspection, the above-named site was determined to have:
☐ No violations and is compliant with all applicable pretreatment or stormwater regulations

Comments: _____

Best Management Practices/Documents Provided: _____

Description of Violation(s)

Pretreatment – Enforcement Action: ☐ Verbal Notice ☐ Warning Notice ☐ Notice of Violation (Administrative Citation Referral)
☐ 12.12.025. Failure to properly operate and maintain grease removal device
☐ 12.12.120. Violation of local discharge limits
☐ 12.12.180. Failure to comply with conditions of the Wastewater Discharge Permit
☐ 12.12.260. Failure to provide access to all parts of the premises for purposes of inspection, sampling, or records examination
☐ 12.12.275. Failure to implement minimum best management practices and source control measures
☐ Other: _____

Stormwater – Enforcement Action: ☐ Verbal Notice ☐ Warning Notice ☐ Notice of Violation (Administrative Citation Referral)
Enforcement Due to Truth: ☐ Yes ☐ No
☐ 12.60.070(a). Any discharge not composed entirely of stormwater or allowing any material/waste to enter the storm drain
☐ 12.60.070(b). Improper storage of waste or material that may result in an illicit discharge
☐ 12.60.230. Failure to implement minimum best management practices and source control measures
☐ 12.60.260. Failure to properly operate and maintain stormwater treatment and/or source control best management practices
☐ Other: _____

Comments: _____

Corrective Action(s): _____

☐ You are hereby notified to implement the corrections or actions for the violations noted above within _____ day(s) from the date of this notice (no later than _____).

I acknowledge that by living or doing business in Sunnyvale, compliance with Sunnyvale Municipal Code, Title 12 Water and Sewers, is required.

Received By (Name/Title): _____ Inspector: _____

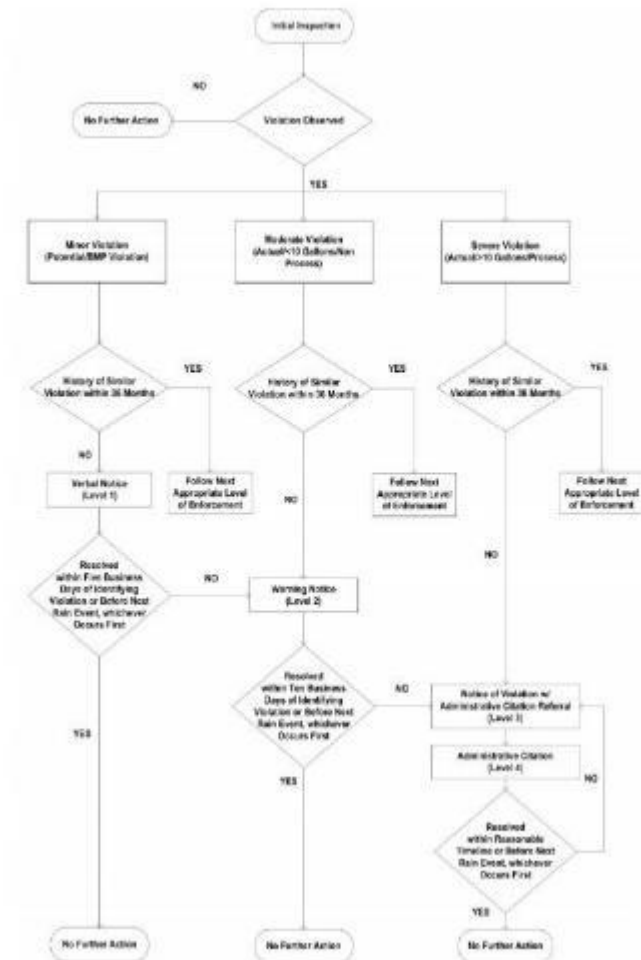
Signature: _____

- Failure to correct the above violation(s) will result in escalated enforcement actions, including possible monetary penalties -

City of Sunnyvale – Environmental Services Department – Regulatory Program
 2450 Bonanza Avenue, Sunnyvale, CA 94086 | Phone: 408-735-7270 | Fax: 408-747-1139 | E-Fax: 408-3258-0727

Enforcement Response

- Verbal Notice
- Warning Notice
- Notice of Violation/Administrative Citation (Starting at \$250)



Tracking/Documentation

- Manually entered into our Access database
- Hard copy retained in a file on site
- C3 project tracking spreadsheet
- SCVURPPPs new green infrastructure database

Identifying C3 Projects

- Review C3 Projects in the Stormwater Annual Report
 - ◆ Entered into C3 project tracking spreadsheet
 - ◆ Access City's Building and Planning Modules to check on completion
 - ◆ Assigned to Inspectors in Workplan
- Inspector Stewardship

Challenges

- Home Owner Associations (HOA)
 - ◆ Figuring out the contacts
 - ◆ Some can be slow to act due to committee
- No HOA
 - ◆ Dealing with individual home owners
- Staff Lack of Plant Knowledge/Ground Cover
- Structural Errors/Deficiencies
 - ◆ Increase communications with installation inspectors

Contact Information:

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