



Industrial General Permit Overview

**State Water Resources Control Board
Division of Water Quality
Industrial/Construction Storm Water
Unit**



Goals

- Performance Based Model
- Improved Data Quality
- Incentives and Flexibility



2005 Draft

1. SWPPP Checklist
2. Pollutant Source Inspections
3. Minimum BMPs
4. BMP Descriptions
5. Ineligible Storm Events

2005 Draft (cont)

6. Pre-Storm Observations

7. Containment Observations

8. Sampling Parameter Selection

9. Field Measurements

10. Storm Water Sample Collection
and Handling Instructions

Current Draft

- 11. Electronic Filing Requirements
- 12. Numeric Action Levels & Numeric Effluent Limitations*
- 13. Corrective Actions*
- 14. Certification and Training Requirements (QSD/QSP)*
- 15. Qualified Storm Event
- 16. Sampling Frequency Requirements
- 17. Daily Average

Current Draft (Cont)

18. Qualified Combined Samples

19. Compliance Storm Event

20. Requirements for Facilities with Significant Land Disturbances

21. Conditional Exclusion - No Exposure*

22. Conditional Exclusion - No Discharge Certification *

23. Conditional Exclusion - Green Storm Water Impact Reduction Technology (G-SIRT)*



IGP – Proposed Changes (2011 Draft)



11. Electronic Filing Requirements

All dischargers are required to file the following electronically into SMARTS:

Permit Registration Documents (PRDs):

Notice of Intent (NOI), Site Map, SWPPP, Signed Certification Statement, Annual Fee.

- Electronically Filed by Legally Responsible Person (LRP), who represents owner/operator.



11. Electronic Filing Requirements (Cont)

All dischargers are required to file the following electronically into SMARTS:

Notice of Terminations (NOTs)

Annual Report

Within 30 days of receiving results dischargers shall submit:

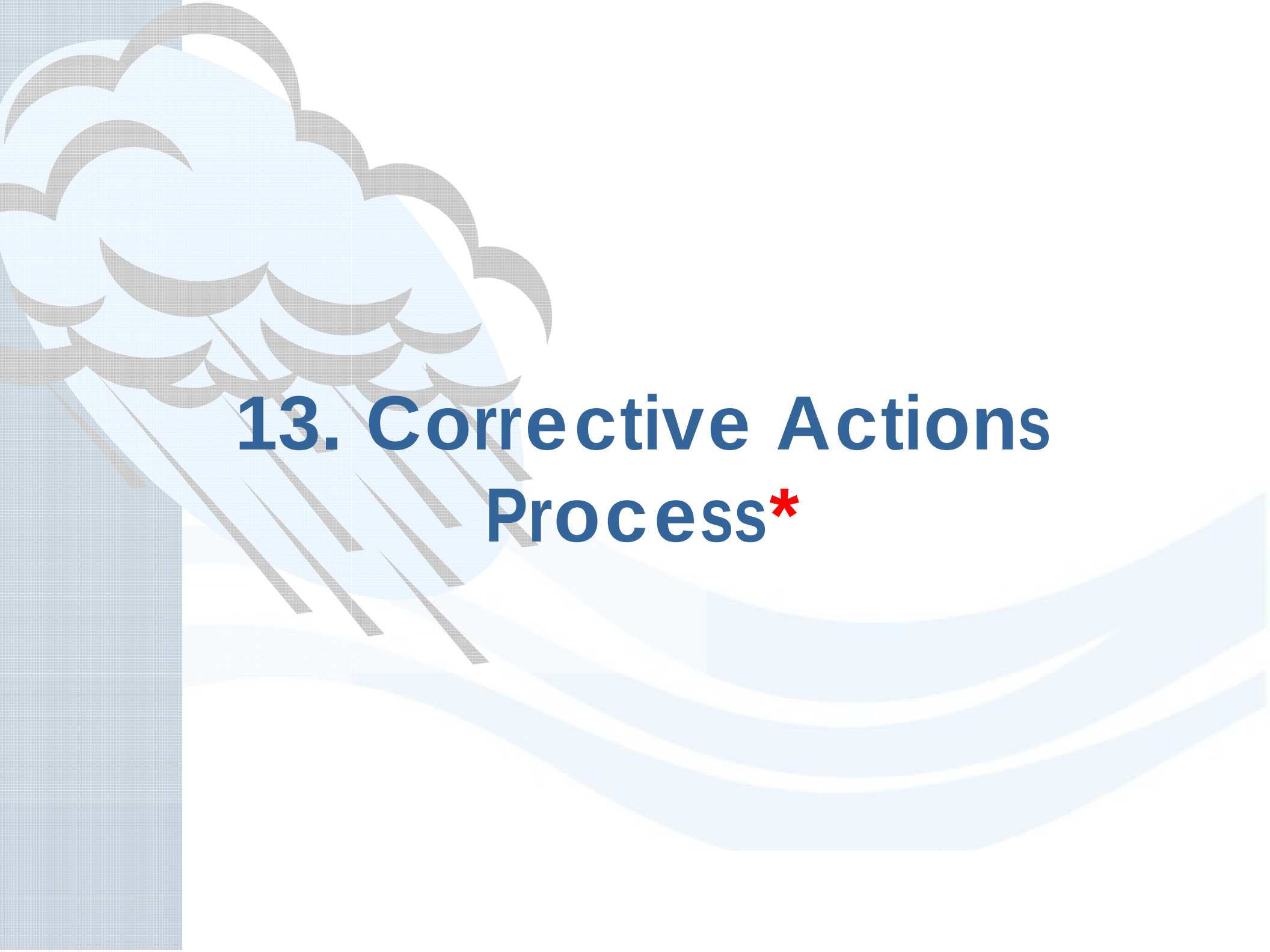
- Analytical results from lab
- Field measurements of pH and Electrical Conductivity
- Hardness value of receiving waters (if subject under Section XV)

12. Numeric Action Levels (NALs)*

- USEPA benchmarks are Numeric Action Levels
- NALs can be exceeded in accordance with corrective action triggers
- NALs exceeded repeatedly, discharger may be subject to NELs

12. Numeric Effluent Limits (NELs)*

- NELs - same values as NALs, unless RWQCB imposes a stricter (water quality based) value.
- NELs not intended to apply to pollutants not generated by industrial activities, for example emergency response, run-on or atmospheric deposition.
- NELs are Subject to Mandatory Minimum Penalties (MMPs).
- Dischargers can electronically submit a Suspension of Numeric Effluent Limitations (SNEL).



13. Corrective Actions Process*

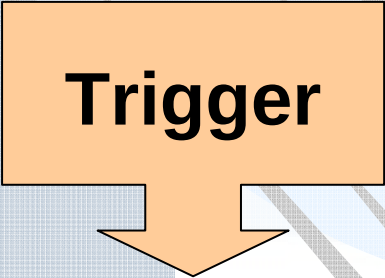
13. Baseline Compliance

- Narrative Effluent Standards
- Numeric Action Levels
- Minimum BMPs
- Inspection, Maintenance & Repair
- Visual Monitoring
- Sample 1 qualified storm event per quarter



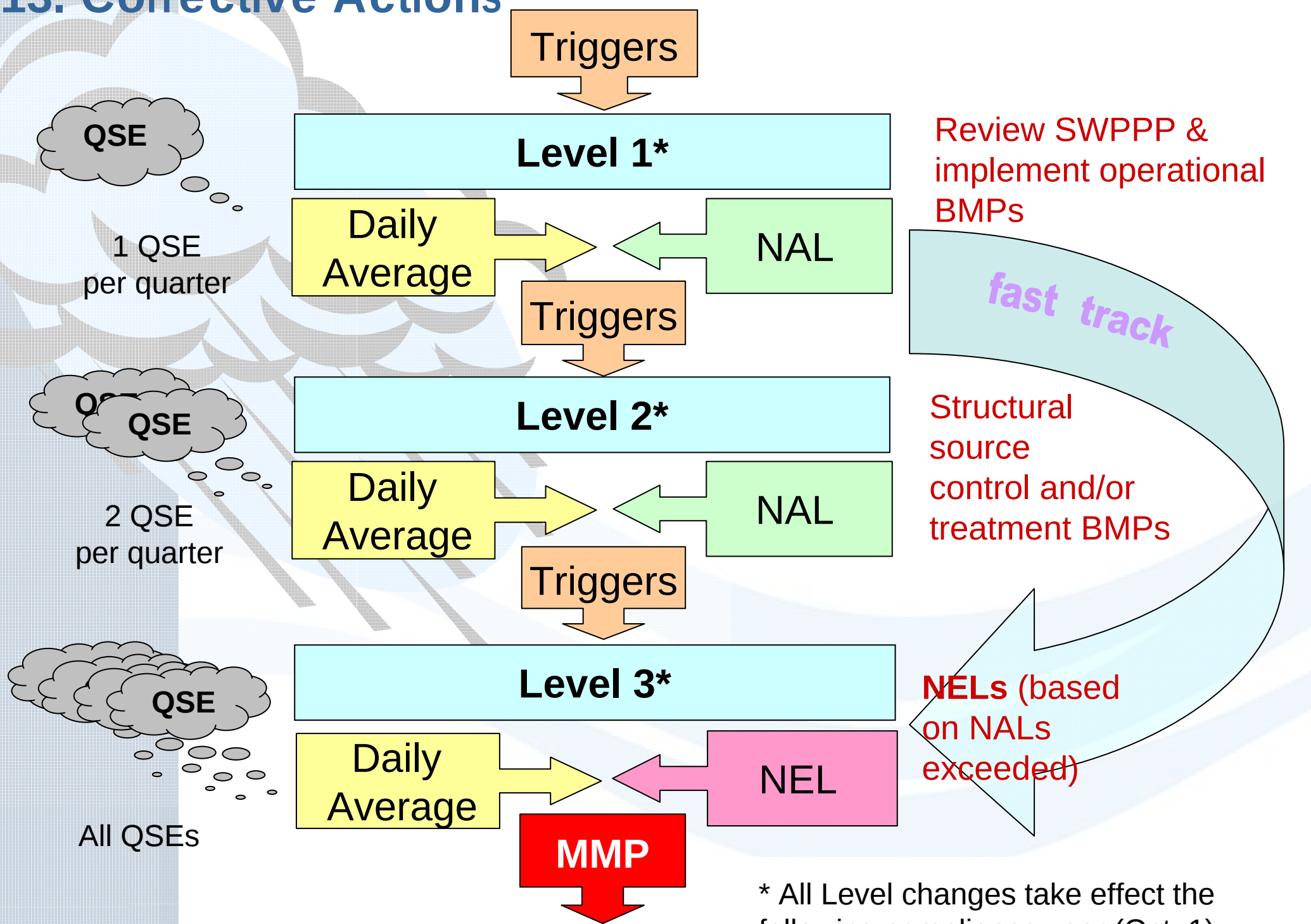
13. Triggers

1. Daily Average exceeds 2.5 the NAL values
2. Daily Average exceeds any two NALs in one qualifying storm
3. Daily Average exceeds the same NAL in any two qualifying storms per reporting year



Trigger

13. Corrective Actions



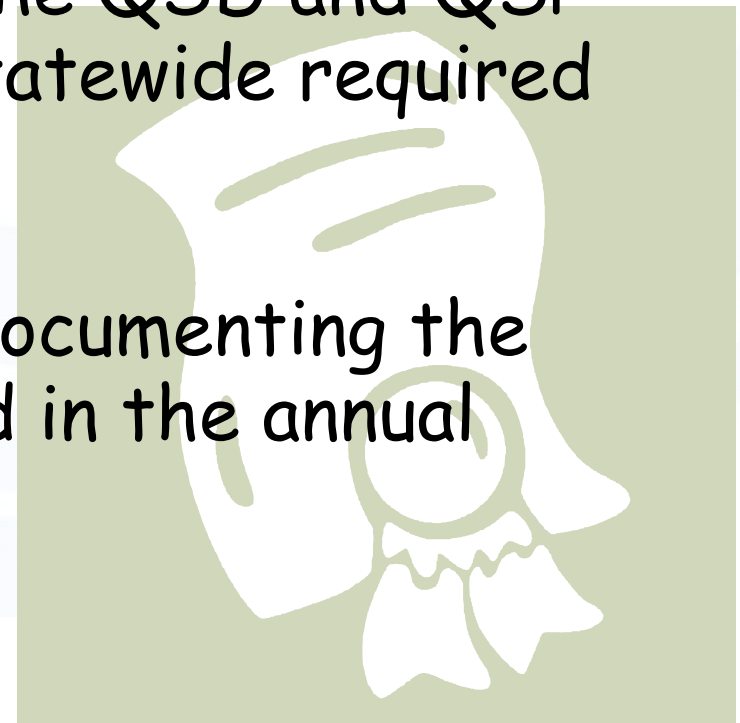
* All Level changes take effect the following compliance year (Oct. 1).

14. Certification and Training Requirements*

Dischargers shall appoint A Qualified SWPPP Developer (QSD), and a Qualified SWPPP Practitioner (QSP).

The discharger is responsible for the QSD and QSP receiving training and taking the Statewide required training courses.

The discharger is responsible for documenting the training the QSD and QSP received in the annual report.



14. Certification and Training Requirements (Cont)*

A Qualified SWPPP Developer (QSD):

- Writes and amends the SWPPP
- Shall be one of the following:
 - A California registered professional civil engineer
 - A California registered professional geologist or engineering geologist
 - A California registered landscape architect
 - A professional hydrologist registered through the American Institute of Hydrology
- Must take the State Water Board approved QSD training course, within one year of the effective date of this General Permit.

14. Certification and Training Requirements (Cont)*

A Qualified SWPPP Practitioner (QSP):

- Is facility personnel (no prerequisites).
- Implements the SWPPP's BMPs and monitoring requirements.
- Completes the State Water Board-sponsored or approved QSP training course within one year from the effective date of this General Permit.

Sampling & Monitoring Requirements

15. Qualified Storm Event

- $\frac{1}{4}$ " or more of rainfall

- Preceded by two days dry weather (storm event $< \frac{1}{8}$ " rainfall)



16. Sampling Frequency (Baseline, Levels 1, 2, 3)

17. Daily Average

Other Sampling & Monitoring

18. Qualified Combined Samples

- Samples from up to four drainage areas
- Equal volumes of samples
- Samples combined in laboratory

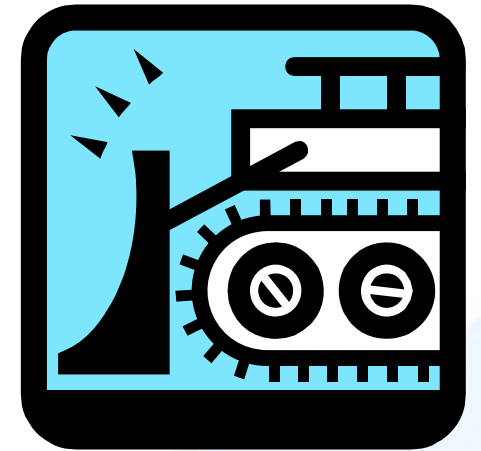


19. Compliance Storm Event - 10 year, 24 hour for TSS and treatment BMPs

20. Facilities with Significant Land Disturbance

Facilities in the following categories:

- Mining and Quarrying Category
- Metal Mining Category
- Landfills, Land Application Sites
- Open Dumps



Shall collect samples on all days of an eligible storm event

Conditional Exclusions

21.No Exposure Certification (NEC) -all pollutant sources must be evaluated and determined as having no exposure

22.No Discharge Certification (NDC) 100 year, 24 hour storm, requires California registered PE

23.Green Storm Water Impact Reduction Technology (G-SIRT)

Specific Electronic Submittals

Dischargers shall file electronically into SMARTS for the following:

- Discharge violations
- Additional Sampling Exemption Request (ASER)
- Sampling Frequency Reduction Request (SFR)
- BMP Implementation Extension Request (BIER)
- Suspension of Numeric Effluent Limitations (SNEL)
- No Exposure Certification (NEC)
- No Discharge Certification (NDC)
- Green Strom Water Impact Reduction Technology (G-SIRT)

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Questions?



Comments?

