

New ESC Plan Requirements associated with the New Portal

With the rollout of many of the new features in the coming Portal, there are several new information requirements that are required on submitted ESC Plans. While many of these details have generally appeared on most plans, they will now be mandatory.

Regulated BMP Information

In the new Portal, the new category of “Regulated BMP” covers Sediment Control Ponds, Treatment Systems, and Wheel Washes. These BMPs now require unique plan identifiers for clarity between the ESC plan, inspection reports, and for communication.

The BMP plan identifiers can be alpha-numeric and labeled at the discretion of the consultant. For example, a Sediment Control Pond could simply be represented as ‘SCP-1’ and a Flocculent Treatment System ‘FTS-1’ & ‘FTS-2’.

In addition to the BMP identifiers, the following two regulated BMPs will also need to clearly denote the following information on the ESC Plan:

Flocculent Treatment Systems:

- ❖ Design Flow rate in GPM and metric L/s or m³/s
- ❖ Passive System or Mechanical System – referring to the dosing mechanism (i.e., passive dosing is belts or floc logs, whereas mechanical systems are calibrated dose rates based on metered chemical injection)

Wheel Washes:

- ❖ Number of required tire rotations
- ❖ Wheel wash type – “Passive” or “Active”. Passive wheel washes are classified as static water baths that trucks drive through, whereas Active include spray pumps and usually a form of water filtration

For more information regarding the handling of “Regulated BMPs”, please refer to Regulated BMP section in this newsletter release.

Water Quality Monitoring Points

Each Water Quality Monitoring Point (WQ-MP), in addition to the current requirement of being noted on the plan view, must also be given a plan identifier. The WQ-MP plan labels will then be used to populate the corresponding WQ-MP in the online Inspection Portal for ease of cross-referencing the inspection results to the ESC Plan.

The WQ-MP labels can be alpha-numeric and labeled at the discretion of the consultant based on what makes sense for the site, phasing, layout, etc.

Time of Concentration (Tc)

The new Portal has been enhanced so that it communicates more readily with the City's rain gauges. As a result, the Portal will now be able to automatically insert rainfall values into your report using the date and time of the inspection. To aid in the collection and integration of the rainfall data, the Time of Concentration (Tc) for the site will now be collected against each project, recorded during the ESC Plan Review process.

Plan Submissions

Please ensure that all the above details are included in future ESC Plan submissions.

If for some reason this information isn't denoted on a submitted ESC Plan, it will be required before the drawings can be accepted moving forward.