Basins to BMPs Using 4C Method & Peer Site Visits

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Decommissioning a sediment basin

1. Call for an on-site determination/meeting when requesting to decommission/phase out a temporary sediment basin.
2. Determination can only be made by the Local Program Erosion Control Specialist and/or his or her equivalent.
3. Once it has been determined that the temporary sediment basin can come out it must be marked and initialed by the inspector on the approved set of erosion control plans.
4. If sediment basin has water in it, the water must be pumped out from the surface into a filter bag on a level area free of debris or another approved method at non-erosive velocities.
5. Remove skimmer and plug any holes in the riser (if applicable), remove all baffle materials.
6. Basin must be cleaned out to existing constructed grade then filled in with like material.
7. Fill or convert basin as to the approved elevation or product on the approved plans.
8. After final grading has been completed area must be stabilized with lime, seed, fertilizer, straw and tack according to the City of Wilson's seeding application rates and specs.
   a. Seeding must be done within 7 days of grading on slopes steeper than 3:1 and 14 days for all other.

SOP (Standard Operating Procedure)

4C Method
Consistency, Communication, Consideration and Cooperation
What Are the Initial Steps to Convert a Temporary Basin to a BMP?

Establishing Guidelines

- For each entity, your guidelines will be different, due to the region you are in.
- Are strictly guidelines and does not fit all situations.
- Can make the process easier and not unexpected.
Guidelines
HELP WITH MISCOMMUNICATION HELP WITH CONSISTENCY

Suggested guidelines to have

4 C Method

Consistency

"conformity in the application of something, typically that which is necessary for the sake of logic, accuracy, or fairness."

Covering exposed areas
1. Call for an on-site determination/meeting when requesting to decommission/phase out a temporary sediment basin.
4 C Method
Communication

An open line of communication can do wonders. It will help others directly involved to have a better understanding of what you expect from them and what they can expect from you.

It is nice to have the Engineer onsite when making the decision.

E-mails, texts can cause miscommunication.
Who has the Authority

Determination to take out a basin can only be made by the Governing party Erosion Control Specialist and/or his or her equivalent (or Higher UP).
Example Plan to convert Temporary Basin to Level spreader

Do you see a problem?

Look at drainage

Site Conditions
Would you choose to take out smaller basin and put in Level spreader?

No, but I would consider letting them put in other level spreader

4 C Method Consideration

Being considerate by looking at all avenues with everyone on the construction site. What about the contractor, the owner, and what is best for the environment?
This is not diffuse
Things I have learned over the years!

Sometimes it is better to put in the footprint of the permanent structure
4 C Method
Co-operation

"...working or acting together for their common/mutual benefit".....

Sometimes you have to work with what you got.

When all else fails
STOCK UP!

Peer Visit
What Are We Missing?
This is Not a Detailed Visit, Just a Pulse Check

KEEP CALM AND CHECK PULSE

Visit of Active Sites With Peer Visitor

Review of Plans Along With Plan Comments

Plan a Day That Coincides With a Pre-Construction Conference
Review Standard Documents and Forms

Erosion Control Checklist

1. Property Survey - Review for preliminary work
2. Property Survey - Review for final work
3. Final Design - Check plans for compliance
4. Project Review - Initial review of plans
5. Final Review - Final review of plans
6. Specifications - Review for compliance

Provide Awareness of New Products and Procedures

An Open Mind for Constructive Criticism

A HAPPY PEER VISITOR!!!
QUESTIONS/COMMENTS