

# MS4 Construction Program Newsletter



**COLORADO**  
Department of Transportation  
CDOT Water Quality Program

Issue 1

September 2021

## CDOT HQ News

There are some big projects and updates on the way from HQ, designed to improve MS4 compliance and productivity.

- CDOT's corrective action response log (CARL) is transitioning from ESCAN to 2nd Nature.
- General MS4 E-Learning is being developed for the training system on the LMS.
- A new Control Measure Selection and Design class is in development.
- TECS in-person classes plan to return Spring 2022. Virtual classes will be available until then. Come get TECS certified!
- Drone study underway to supplement the control measure inspection process. Keep an eye out for an upcoming presentation.



Contact the MS4 Construction Program Manager, [laura.newman@state.co.us](mailto:laura.newman@state.co.us) for more information on any of these announcements.

Contact the MS4 Construction Field Manager, [paul.heffernan@state.co.us](mailto:paul.heffernan@state.co.us), for more information and help with the new 2nd Nature Software.

## Getting Back to Normal

Like many others, CDOT has begun its return back to the office! This also means that CDPHE inspections of construction sites have resumed. Be on the lookout for these common Field and SWMP Findings:

### Common Inspection Findings

| Field  | SWMP   |
|--|--|
| <ul style="list-style-type: none"> <li>• Vehicle track off</li> <li>• Material waste/trash on site</li> <li>• Excess sediment behind silt fence/erosion logs</li> <li>• Earth berms not compacted</li> <li>• Control measures not adequately maintained</li> </ul> | <ul style="list-style-type: none"> <li>• Corrective actions not completed immediately</li> <li>• Inspection forms not signed</li> <li>• Site map not up to date</li> <li>• Missing inspections</li> <li>• Field conditions not accurately represented</li> </ul> |

## Tom Boyce Water Quality Training Facility Renovation

In the summer of 2020, the TBWQTF was renovated. This facility was constructed to teach temporary control measure best management practices and Permanent Water Quality Design, Inspection, and Maintenance through field demonstrations. Students can learn in a state-of-the-art classroom, then hop outside to learn in field applications. With these recent renovations, the learning experience for CDOT's students is better than ever. We are excited to

get students back at the facility while considering health safety guidelines. Virtual TECS and SWMP classes are currently available and in-person classes are slated to resume in Spring 2022.



Contact the Training Coordinator, [valerie.stanson@state.co.us](mailto:valerie.stanson@state.co.us), for more information on classes.

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## Possible Wood Storage

Be proactive when planning to use mulch on your construction site, as there are rumors of a possible wood mulch shortage. The Region Water Quality Staff can help with alternative strategies for control measures in the event of a wood mulch shortage.



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## EPA Proposes Changes to their Construction General Permit (CGP)

The 2022 CGP will include clarification of permit language and new permit requirements. Below is a list of important changes to the 2017 CGP:

- Clarify that perimeter controls are required in addition to establishing a natural buffer between construction activities and Waters of the U.S.
- Clarify how often inspections are required after multi-day storm events.
- Clarify that site maps must be updated following site inspection to reflect any changes to stormwater controls.
- Specify that inspections include checking for signs of sedimentation at points downstream that could be attributable to the discharge.
- Require photo documentation for stabilized site as part of permit termination.
- Add specificity to dewatering discharge requirements.

Refer to the [Proposed 2022 Construction General Permit \(GCP\) - Fact Sheet](#) for more information.

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## Upcoming Trainings and Conferences



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[CDOT SWMP Certification Class \(Virtual\)](#)

9/14 - 9/15

[Protecting Soil & Water Resources through Proactive Stormwater Compliance \(Live Webinars\)](#)

9/15, 9/22, 9/29

[Reduce Stormwater Infrastructure with Grass & Gravel Porous Pavers \(Free Webinar\)](#)

9/21

[StormCon Direct \(Virtual\)](#)

Starting on 10/11

[MS4 Inspector Training \(Virtual\)](#)

10/12

[CDOT TECS Certification Class \(Virtual\)](#)

10/27 - 10/28

[IECA Mountain States Conference & Expo \(In-Person\)](#)

11/14 - 11/15

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**MS4 Construction Program Website:**

<https://www.codot.gov/programs/environmental/water-quality/stormwater-programs/construction-sites-program>

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