

North Carolina Department of Transportation Roadside Environmental Unit Erosion & Sedimentation / Stormwater Report

ICA

Immediate Corrective Action

This project does not comply with the North Carolina Erosion and Sedimentation Control laws. Immediate Corrective Action is needed to resolve the situation to full compliance with the Law: (T15A: 04B.0000).

Project Information

Inspection Date: 06/01/2020 **Evaluator:** Katherine Marciniak
Project #: 34409.3.GV17 **TIP #:** R-2247EB **Contract #:** C204137
Division #: 9 **County:** Forsyth
Project Type: Contract **Engineer:** Winston-Salem Resident Eng 1
Project Length: 2.60 **Disturbed Acres:** 100
River Basin: Yadkin **HQW Zone:** NO **Trout Zone:** NO
Location Description: Winston Salem Northern Beltway Interchange at US 52

Project Evaluation

Report Type: Routine ICA ICA Ex 1st ICA Ex 2nd CICA - SWO
 PCN ECPAR

Length	Section	Installation of BMPs	Maintenance of BMPs	Effectiveness of BMPs	Plan Implementation	Overall Project Evaluation
	SB 52- offsite culverts 20/21 and JS	6	6	6	6	6

Grading Scale: 0 - 6 = Immediate Corrective Action Required, 7 = Fair, 8 = Good, 9 = Very Good, 10 = Excellent

Remarks and Recommendations:

Met with Lee, Nick, Darryl, Dale, and Austin (NCDOT); Luca, Pete, David, Paul, Steve, and John (Blythe) onsite.

This inspection was a follow up to the offsite sediment at jurisdictional areas reported on May 26 and May 28, 2020. See report dated May 27, 2020 for reported offsite inspection and corrective actions related to the reported offsite.

Sediment has been deposited in the small stream located below basin 13S-3 (Permit site 13B) down the length of the creek to where it joins the temporary diversion channel located near culvert 21. No clean up in this area had occurred. Sediment at the temporary stream crossing back up to the Permit site 13B area needs to be cleaned up and the bank areas repair seeded and have coir fiber matting installed to provide stabilization as groundcover is established.

Sediment washing into the culvert and stream from above culvert 20 to beyond culvert 21 has not been cleaned up. Sediment within the stone along the relocated stream and streambank stabilization areas need to be removed; sediment within the culverts needs to be removed. Pockets of sediment deposited along the creek past where culvert 21 need to be cleaned up per DEO. Ensure all headwall/wingwall areas are stabilized to prevent continued loss of material. Near culvert 20- stabilize area above the geotextile fabric where base soil is

exposed.

Silt fence and SDOs from culvert 21 need to have the accumulated sediment removed, SDOs repaired/reinstalled, and sediment that has accumulated along the top of bank area clean up.

Offsite sediment (silt/mud/screenings) located within the permit and jurisdictional areas needs to be cleaned up.

Efforts to clean up offsite sediment, repair and reinstall measures, and restabilize the site needs to be a priority. Efforts need to be concentrated on urgent repairs and cleanup of offsite, repairs to measures leading/draining to SDOs, and all other measures needing repair/maintenance.

Sediment removal and clean up needs to be completed to the satisfaction of REU, Div Env Staff and DWR/DEMLR. Site will be reinspected on Monday, June 8th at 9am for completion of clean up and repairs in this report. Note: failure to address the above issues and take adequate corrective measures can result in issuance of further ICA reports for this project.