

City of Green – NEXUS Environmental Observations

Date: 06/28/2018

Environmental Inspector(s): James G. H.

Weather & Soil Conditions: Sun and clouds; 81°F; 5-10 mph winds; wet soils

Observed from: Road R/W Within NEXUS R/W

Item/Location	BMPs	Y	N	N/A	Notes
Street Cleaning	Street Cleaning Evident	X			Recent street cleaning was evident. Street cleaning was underway on S Main and Comet during the site visit. *see notes
	No Tracking Observed		X		
	Street Cleaning Equipment Staged	X			
Rock Entrances	Properly Topdressed		X		Additional gravel topdressing of the construction entrances can help minimize track out onto the roadway. *see notes for locations
	Check Dams in Ditchline	X			
Sediment Control Devices	Properly Installed	X			
	Functional	X			
	No Maintenance Recommended	X			
	No Additional SCD Recommended	X			
Stabilization Timeframes	No Areas Idle >14 Days	X			
	No Areas Near S and W Idle	X			
	No Additional TS Recommended	X			
Equipment Bridges	Fabric and Sideboards Intact	X			
	Equipment Gates Installed	X			
	Free of Sediment	X			
	No Maintenance Recommended	X			
Streams and Wetlands	Equipment Bridge Installed (S)	X			All stringing, bending, and welding appears to be occurring off timber matting near environmental resources as visible from the roadway.
	Filter Fabric and Sideboards	X			
	Timber Mats Utilized (W)	X			
	Equipment Gates Re-installed	X			
	E/SCDs Installed and Functional	X			
	No Additional SCD Recommended	X			
	No Turbidity or Sedimentation	X			
General R/W	Impacts Avoided	X			
	Good Housekeeping	X			
	Topsoil Segregated	X			
	E/SCD Functional	X			
	No SCD Maintenance Needed	X			
	Proper Dewatering	X			
	Water Bars Installed	X			
	RUMA Signage Installed	X			
S&W Signage Installed	X				
Mainline Welding and Bending	Refueling Signage Installed	X			*see above and notes
	S&W Impacts Avoided	X			
	Timber Matting Utilized	X			
	Entrances Topdressed		X		
	Street Cleaning Evident	X			

BMP: Best Management Practice CWC: Concrete Wash Containment DB: Drivable Berm EB: Equipment Bridge ECM: Erosion Control Matting EG: Equipment Gate E/SCD: Erosion/Sediment Control Device FS: Filter Sock GH: Good Housekeeping GR: General Recommendation H/SR: Hard/Soft Restoration IP: Inlet Protection MD: Minimized Disturbance PRT: Potential Roost Tree RCE: Rock Construction Entrance S: Stream SB: Straw Bale SF: Silt Fence TM: Timber Mat TP: Trench Plug TS: Temporary Stabilization VB: Vegetated Buffer W: Wetland WB: Water Bar WSC: Wet-saw Slurry Containment

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Key Observations: 1. Minor sediment tracking was observed in the roadway at Mayfair Rd, Greensburg Rd, Eastern Koons Rd, Killinger Rd, and Comet Rd. *See below.

Notes:

The NEXUS R/W was observed from public roadways between Mayfair Rd and Main St.

Mainline welding and bending was active along the ROW between Christman Rd to S Main St.

Additional welding activity was observed throughout the entire City of Green.

Sheet piling installation could not be confirmed in Wetland A14-122 between Main St and Comet Rd near Nimisila Creek due to pipe welding and bending activity. Equipment was travelling on timber matting as observed from the roadway.

All remaining streams and wetlands that were visible from the roadway remained avoided. Pipe welding and bending was observed in wetlands and adjacent to streams as expected. Erosion and sediment control devices remained properly installed and functioning as needed throughout the ROW. Regular maintenance of sediment control devices was evident where visible.

*Minor sediment tracking was observed in the roadway at Mayfair Rd, Greensburg Rd, Eastern Koons Rd, Killinger Rd, and Comet Rd during the site visit. Street cleaning was underway at South Main St and Comet Rd. A second power broom was staged at Mayfair Rd. Regular street cleaning was evident throughout the entire City of Green and sediment in the roadways during the site visit appeared to be from activity earlier in the day.

- Additional gravel topdressing of construction entrances can help prevent sediment track out onto roadways and should be considered.

General environmental observations from the site visit:

- Welding activity was observed throughout the entire City of Green. Mainline welding and bending was observed west of Christman Rd.
- Regular street cleaning was evident with street cleaning active at S Main and Comet during the site visit. Additional gravel topdressing at construction entrances can help prevent sediment track out onto the roadways.
- Silt fence and/or Belted Silt Retention Fence (reinforced silt fence) appeared to remain properly installed and functional along wetland and stream boundaries, within residential areas, and downslope of several agricultural fields.
- Timber mats remain installed at the equipment crossing locations of streams and wetlands. Temporary equipment gates were observed at stream and wetland crossings that were visible from the roadway. Signage also remained installed at the wetlands and streams which included refueling guidance due to the presence of environmental resources. All mainline activity appeared to be occurring off timber matting as visible from the roadway.

Overall, our observations were satisfactory related to industry standards.