

City of Green – NEXUS Environmental Observations

Date: 08/21/2018

Environmental Inspector(s): *[Signature]*

Weather & Soil Conditions: Sunny; 78°F; 5-10 mph winds; wet/saturated soils

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

Item/Location	BMPs	Y	N	N/A	Notes
Street Cleaning	Street Cleaning Evident	X			Regular street cleaning was evident. Streets were clean and free of sediment.
	No Tracking Observed	X			
	Street Cleaning Equipment Staged	X			
Rock Entrances	Properly Topdressed	X			
	Check Dams in Ditchline	X			
Sediment Control Devices	Properly Installed	X			*Damage to silt fence remains near Mile Post 41.5 along Comet Rd. No significant environmental issues were observed due to the location, however.
	Functional	X			
	No Maintenance Recommended		X		
	No Additional SCD 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			No additional stream or wetland crossings were 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			
	Impacts within ROW Limits	X			
General R/W	Good Housekeeping	X			*see above.
	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			
Refueling Signage Installed	X				
Trenching, Lowering In, Backfill, and Tie-In Activity	S&W Impacts Avoided	X			Tie-in activity was ongoing throughout the right-of-way but was noticeable between Killinger Rd and South Main. Valve installation was ongoing on the north side of the Killinger Rd. crossing. Comet Rd crossing had been completed.
	Timber Matting Utilized	X			
	Entrances Topdressed	X			
	Street Cleaning Evident	X			
	Soil Stored Separate from Topsoil	X			
	Trench Plugs Installed	X			
Stabilization and Restoration	No Areas Idle >14 Days	X			Grade and cleanup crews were stationed near Mayfair Rd. Asphalt had been laid at the Comet Rd crossing.
	No Areas Near S&W Idle	X			
	Final Restoration Progress	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

Key Observations:

1. Minor tear in silt fence remains along Comet Rd near Mile Post 41.5 remains.

Notes:

The NEXUS ROW was observed from public roadways between Mayfair Rd and Main St.

Activity along the ROW throughout the City of Green remains observed in areas not fully visible from the roadway. The R/W was idle during the site visit due to inclement R/W conditions from a recent rain event (~0.45"). Restoration (clean up) remained ongoing east of Mayfair Rd. The rock construction entrance at Wise Rd had been removed and area final restored. Tie-in activity remained ongoing at Killinger Rd, Comet Rd, and S Main. Valve installation was in progress on the north side of the Killinger Rd crossing during the site visit. The Comet Rd crossing had been completed, and the road re-opened. Silt fence maintenance will be needed east of Comet Rd.

All impacts to streams and wetlands as visible from the roadway remained minimal. Timber mat bridges remained installed at all streams and wetlands visible from the roadway with equipment gates installed or staged for re-installation as needed. Well-point dewatering remained active in Wetland A14-112 west of Arlington Rd.

Erosion and sediment control devices remained properly installed and functioning throughout the ROW. Regular maintenance of sediment control devices was evident where visible.

- 1) A minor tear was previously observed in the silt fence installed along the rock construction entrance on Comet Rd near Mile Post 41.5 and has not significantly changed since the last site visit. No significant environmental issues are observed or expected as no environmental resources are nearby but maintenance will be needed when the road crossing is finished.

General environmental observations from the site visit:

- The R/W was idle due to a significant rain event.
- Tie-in activity was observed throughout the City of Green. The Comet Rd. crossing had been completed.
- Silt fence maintenance is needed along Comet Rd. No significant environmental issues are observed or expected.
- ROW cleanup and restoration activity is ongoing east of Mayfair Rd.
- Regular street cleaning was evident as streets were clean and free of sediment.
- 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 as visible from the roadways. 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.

Overall, our observations were satisfactory related to industry standards.