

City of Green – NEXUS Environmental Observations

Date: 08/02/2018

Environmental Inspector(s): *Jim St*

Weather & Soil Conditions: Mostly Cloudy; 78°F; 5-10 mph winds; dry/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			Regular Street cleaning 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			*minor tear in silt fence observed near Mile Post 41.5 along Comet Rd. No significant environmental issues.
	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			Crews were installing sheet piling in Wetland A14-112 west of Arlington Rd likely in prep for tie-in activity. Crews appeared to be working off timber matting.
	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, and Backfill	S&W Impacts Avoided	X			Mainline excavation was observed east of Mayfair Rd during the site visit. Lowering in tie-in activity was observed south of Greensburg Rd.
	Timber Matting Utilized	X			
	Entrances Topdressed	X			
	Street Cleaning Evident	X			
	Soil Stored Separate from Topsoil	X			
	Trench Plugs Installed	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 Root 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 tear in silt fence observed along Comet Rd near Mile Post 41.5

Notes:

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

Activity along the ROW throughout the City of Green was primarily observed in areas not fully visible from the roadway.

Mainline trench excavation was active east of Mayfair Road during the site visit. Lowering in for tie-in activity was observed along the ROW just south of Greensburg Rd. A crew was observed north of Killinger prepping for tie-in activity.

Sheet piling was being installed in Wetland A14-112 near the Stream west of S Arlington during the site visit. No impacts to the waterbodies were visible from the roadway. Work appeared to be occurring off timber matting.

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. Water was running clear at the Stream near Greensburg Park.

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 observed in the silt fence installed along the rock construction entrance on Comet Rd near Mile Post 41.5. No significant environmental issues observed or expected as no environmental resources are nearby. Maintenance should be performed when environmental crews return to the area.

General environmental observations from the site visit:

- Tie-in activity was observed sporadically throughout the City of Green.
- Sheet piling installation was in progress west of S Arlington Rd in prep for stream and wetland crossing tie-in activity.
- Minor silt fence maintenance needed along Comet Rd. No significant environmental issues observed or expected.
- Regular street cleaning was evident. 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 as visible from 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.