

City of Green – NEXUS Environmental Observations

Date: 07/24/2018

Environmental Inspector(s): Jim St

Weather & Soil Conditions: Sun and Clouds; 84°F; 5-10 mph winds; dry 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. Minor sediment track out observed at Eastern Koons Rd and Thursby Rd. Street sweeper idle at Massillon Rd.
	No Tracking Observed	X	X		
	Street Cleaning Equipment Staged	X			
Rock Entrances	Properly Topdressed		X		*see 7/3 observations regarding entrances
	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			No stream or wetland crossings have been observed to date. Water was running clear in the Stream near Greensburg Park.
	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			
Mainline Trenching And Lowering In	S&W Impacts Avoided	X			*see 7/3 observations regarding entrances Trenching occurred east of Mayfair, south of Greensburg, west of Massillon Rd. Trenching was observed in progress south of W Koons near Singer Lake Bog. All trench soil stockpiled separately from topsoil as visible from the roadway. Trench plugs visible west of Massillon Rd.
	Timber Matting Utilized	X			
	Entrances Topdressed		X		
	Street Cleaning Evident	X			
	Soil Stored Separate from Topsoil	X			
	Trench Plugs Installed	X			
Nimisila Reservoir HDD	No Inadvertent Returns	X			Nimisila Reservoir HDD pipe was no longer visible from the roadway, HDD pullback appears complete. No inadvertent returns observed.

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: None

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 contained to areas not visible from the roadway.

Trenching was in progress along the ROW south of the western Koons Rd crossing near Singer Lake Bog. Trenching was previously observed along the ROW west of Massillon Rd, south of Greensburg Rd, and east of Mayfair Rd. Pipe appeared to be installed in the ROW south of Greensburg Park and west of Massillon Rd as the pipe string is no longer visible from park property. A trench plug was observed installed on the slope west of Massillon Rd.

Nimisila HDD appeared completed. No activity was observed in the area and bore pipe was no longer visible from the roadways between Christman Rd and Comet Rd. No inadvertent returns were visible in Nimisila Reservoir from Christman Rd.

All impacts to streams and wetlands as visible from the roadway remained minimal. Erosion and sediment control devices remained properly installed and functioning throughout the ROW. Regular maintenance of sediment control devices was evident where visible.

Regular street cleaning was evident throughout the entire City of Green. Minor sediment track out was observed at the Eastern Koons Rd crossing and on Thursby during the site visit. Additional gravel topdressing of construction entrances can help prevent sediment track out onto roadways and should be considered as conditions necessitate.

General environmental observations from the site visit:

- Trenching activity was visible south of the Western Koons Rd crossing.
- The Nimisila Reservoir HDD appeared completed. No inadvertent returns were visible in Nimisila Reservoir from Christman Rd.
- 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.
- A trench breaker was observed along the R/W west of Massillon Rd. Permanent trench breakers are barriers installed in the open trench around the pipe and are intended to slow subsurface water flow and erosion along the trench and around the pipe in sloping terrain.

Overall, our observations were satisfactory related to industry standards.