

**City of Green – NEXUS Environmental Observations**

Date: 05/15/2018

Environmental Inspector(s): *Jim G*

Weather & Soil Conditions: Partly Sunny; 69°F; 0-5 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			Streets 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			
	Functional	X			
	No Maintenance Recommended	X			
	No Additional SCD Recommended	X			
Stabilization Timeframes	No Areas Idle >14 Days	X			The R/W visible from the roadway between Koons Rd and Arlington Rd had been temporarily stabilized since the last site visit
	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			
	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 Avoided	X			
General R/W	Wood Chip Disposal	X			A crew was active along the R/W west of Christman Rd during the site visit. Erosion and sediment controls appeared properly installed and functional in this area.
	Topsoil Segregated	X			
	E/SCD Functional	X			
	No SCD Maintenance Needed	X			
	Good Housekeeping	X			
	Water Bars Installed	X			
	Proper Dewatering	X			
	S&W Signage Installed	X			
Refueling Signage 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 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:** None

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**Notes:**

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

A Michels R/W crew was observed working along the R/W between Christman and Comet Rds. All erosion and sediment controls appeared to be properly installed and functioning. The R/W visible from the roadway north of the western Koons Rd crossing had been temporarily stabilized with straw mulch since the last site visit. Additional equipment had been staged at the eastern Koons Rd crossing and the Killinger Rd crossing, equipment was idle during the site visit. An environmental crew was observed west of the Comet Rd crossing.

All streams and wetlands that were visible from the roadway remained avoided.

- Erosion and sediment control devices were properly installed and functioning.
- No straw mulch was observed in wetlands that were visible from the roadway.

Erosion and sediment controls remained properly installed and functioning as needed.

- Regular maintenance of sediment control devices was evident.

General environmental observations from the site visit:

- A crew was active during the site visit west of Christman Rd.
- The streets were clean and free of sediment.
- Rock construction entrances at roadway ingress/egress points appeared to be in working condition.
- 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.
- Temporary stabilization (straw mulch) was applied on idle topsoil piles and along the R/W near Koons, Arlington, and Killinger Rds. Temporary stabilization will be utilized prior to pipeline construction crews beginning work in May per Randy Burke (NEXUS).
- Timber mats remain installed at the equipment crossing locations of streams and wetlands. Temporary equipment gates were observed at all 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.

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**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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