

City of Green – NEXUS Environmental Observations

Date: 04/24/2018

Environmental Inspector(s): Jessie Grund

Weather & Soil Conditions: Light Rain; 51°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			-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			
	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			
	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			-Tree clearing activity and demobilization appeared completed
	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

City of Green – NEXUS Environmental Observations

Key Observations: None

Notes:

The NEXUS R/W was observed from public roadways between Mayfair Rd and Main St. Minimal change was observed throughout the remaining R/W; tree clearing activities appear completed and the entire R/W was idle during the site visit.

Demobilization of tree clearing equipment at Mayfair Rd appeared complete.

- Streets were clean and free of sediment.

Inspectors were observed walking the R/W near Koons Road performing environmental inspections as needed.

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

- Stump grinding activity appeared to be avoided in wetlands and along stream banks.
- Erosion and sediment control devices were properly installed and functioning.
- No sedimentation was observed in streams or wetlands from clearing activities.

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

- Regular maintenance of sediment control devices was evident.
- Silt fence and straw bale check dams were installed in drainage swales to prevent any potential erosion or sedimentation.

Overall, our observations were satisfactory related to industry standards.

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

General environmental observations from the site visit:

- Tree clearing activities appeared completed. Demobilization of all equipment was complete.
- The streets were 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. Temporary stabilization will also be utilized following the completion of all tree activities and 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.

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
