2022 WVDEP AML
Contract 7 Projects - North
CEOI DEP22*16

Contract 7 Projects - North:

1. Weston (Curtis) Landslide
2. Upland Run (Harrison) AMD and Drainage

Prepared for:

West Virginia Department of Environmental Protection
Division of Land Restoration
Abandoned Mine Lands and Reclamation
Project 1:
Weston (Curtis) Landslide

- Located in Lewis Co, Southeast of the City of Weston
- Project Details:
  - 3 slip areas requiring stabilization
  - Road Stabilization
  - Installation, repair and/or replacement various drainage controls and features.
Project 1:

Weston (Curtis) Landslide

- Located in Lewis Co, Southeast of the City of Weston
- Project Details:
  - 3 slip areas requiring stabilization
  - Road Stabilization
  - Installation, repair and/or replacement various drainage controls and features.
Tentative Reclamation Plan:

Weston (Curtis) Landslide

Lower Slips:
- Clear and grub  Install E&S/BMP controls
- Install drainage ditches per plan
- Unload the slip area to competent material, install underdrains and regrade to specifications

Access Road Slip:
- The access road to remain open
- Clear and grub  Install E&S/BMP controls
- Install drainage improvements per plan
- Unload the slip areas to competent material, install retaining wall and underdrains and regrade to specs.
Preliminary Estimated Quantities:

Weston (Curtis) Landslide

- 600 LF of vee ditch
- 35,000 CY of regraded slip material
- 250 LF of retaining wall
- 5.0 acers of revegetation
- 450’ LF of repaved access road
- 500’ LF of restored gravel access road
Project 2:

Upland Run (Harrison) AMD and Drainage

- Located in Lewis Co, West of the City of Weston
- Project Details:
  - Deteriorating drainage system with sediment transport
  - Flooding issues affecting structures
  - AMD passive Treatment
  - Flooding issues at State Road
  - Installation, repair and/or replacement of various drainage systems and features.
  - 3 slip areas requiring stabilization
Project 2:
Upland Run (Harrison) AMD and Drainage
Area A
Tentative Reclamation Plan:
Upland Run (Harrison) AMD and Drainage Area A:
• Clear and grub Install E&S/BMP controls
• Drainage improvements to approximately 3,000 LF of channel consisting of large rip-rap, grouted rip-rap or fabiform style lining TBD with final design.
• Installation of underdrains for AMD sump areas
• Drainage improvements to approximately 1,000 LF of open channel (Vegetated)
• Installation of new culvert system at State Road crossing (approximately 300’)
• Regrade and revegetation of site.
Project 2:

Upland Run (Harrison) AMD and Drainage

- Located in Lewis Co, West of the City of Weston
- Project Details:
  - Deteriorating drainage system with sediment transport
  - Flooding issues affecting structures
  - AMD passive Treatment
  - Flooding issues at State Road
  - Installation, repair and/or replacement of various drainage systems and features.
  - 3 slip areas requiring stabilization
Project 2:
Upland Run (Harrison) AMD and Drainage Area B
Tentative Reclamation Plan:

Upland Run (Harrison) AMD and Drainage Area B:

- Clear and grub, install E&S/BMP controls
- Install drainage ditches and culverts per plan
- Unload the slip area to competent material, install underdrains and regrade to specifications
- Re-grade access road for drainage improvements
- Revegetate disturbed area
Preliminary Estimated Quantities:

Upland Run (Harrison) AMD and Drainage

- 550’ HDPE culvert pipe (30”’) with headwalls
- 200’ HDPE culvert pipe (18”’)
- 2000’ of vee ditch
- 3000’ Armored trapezoidal channel
- 50,000 CY of regraded slip material
- 15.0 acers of Revegetation
- 3,000’ of restored gravel access road
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