





Alden Resources LLC ARAP# NR19MS.001 Area 6 Mitigation Site 2021 Mitigation Monitoring Report Waypoint# 2021-04

Prepared for:

Tennessee Department of Environment and Conservation Knoxville Environmental Field office 3711 Middlebrook Pike Knoxville, Tennessee 37921-6538

Prepared By:

Waypoint, LLC P.O. Box 54587 Lexington, Kentucky 40555 Phone: 859-407-1599

Annual Monitoring Report

LRN-2018-00397 Nationwide Permit 49 – Area #6 Project ARAP# NR19MS.001

Prepared For:

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Prepared By:

Waypoint, LLC P.O. Box 54587 Lexington, Kentucky 40555 859-407-1599

Date of Report: December 2021
Date of Monitoring: N/A

Project Purpose

In order to meet the purpose and need of the project, 1,316 linear feet of intermittent stream and 0.745 acres of wetlands, which are considered "Waters of the U.S.", would be altered. Restoration work will consist of establishment of 2.98 acres of emergent wetlands and restoration of 1,316 LF of intermittent stream channels using natural stream design techniques, improving the existing conditions of streams within these watersheds, while simultaneously reclaiming abandoned mine lands. Once restoration is complete and given time to mature, an overall increase in physical, chemical, and biological habitat is expected.

Location

The permit area is in Campbell County, Tennessee. It is located 2 miles east of the intersection of Westbourne Road and Cotula Road, on the La Follette, Tennessee 7.5' United States Geological Survey (USGS) topographic quadrangles, near NAD83 latitude N 36.4926587°, NAD83 longitude W 84.0245239°. The tract is positioned on the within the Lower Hickory Creek watershed.

Mitigation Timeline

The project is within the timelines of the permit as stream restoration and wetland efforts are planned after the grading and construction of the stream mitigation areas is complete.

Performance Standards

Performance standards will be assessed on a future date after mitigation efforts begin.

Maintenance Activities

No mitigation has commenced. Therefore, no maintenance activities have occurred.

Alden Resources LLC USACE# LRN-2018-00397 ARAP# NR19MS.001

Recommendations

No recommendations are made at this time.

Mitigation Requirements

Stream and Wetland Mitigation Performance Standards	
Stream	
Performance Standard	Current Status
Stream channels shall be constructed using natural stream design techniques. Additionally, a 50-foot riparian buffer on each side of the stream will be established along the restored stream channels to provide the riparian buffer.	Stream channel reconstruction has not started. The riparian buffer has not been established.
The riparian zone shall be vegetated in a random or scattered method planted at a density of at least 300 native tree stems and 100 native shrub stems per acre. Native tree species shall be planted, with no single species representing more than 30% of tree diversity on the site.	Riparian planting will commence after stream channel reconstruction has been completed.
The Permittee shall assess and submit HGM	Stream channel reconstruction has not started.
data sheets for the stream restoration sites.	Assessments will be made after completion.
Wetland	
Restore 2.98 Acres	Wetland restoration has not commenced.
Meet TRAM Scores	Wetland restoration has not commenced.

Summary Data

Mitigation construction activities have not been completed therefore no summary data is being provided.

Maps and Plans

The maps on the following pages illustrate the proposed impact and mitigation sites for this project. Additional maps and plans will be submitted after mitigation work has been completed.

Conclusions and Recommendations

No impacts or mitigation activities have occurred at the site therefore no recommendations are made.

Appendix A
Site Location Maps





