



**Davis Creek Energy, LLC  
Annual Mitigation Report  
Area# 6 Project  
Campbell County, Tennessee  
LRN# 2018-00397  
ARAP# NR19MS.001  
BSC#218091**

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**Davis Creek Energy, LLC  
USACE# LRN-2018-00397  
ARAP# NR19MS.001  
Area#6 Mitigation Site  
2020 Mitigation Monitoring Report  
BSC# 218091**

Prepared for:

U.S. Army Corps of Engineers  
Nashville District Regulatory Branch  
3701 Bell Road  
Nashville, Tennessee 37214-2660

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

Prepared By:

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November 23, 2020  
Updated April 1, 2021

## **Annual Monitoring Report**

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

### **Prepared For:**

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### **Prepared By:**

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**Date of Report: November 23, 2020 (Updated April 1, 2021)**

**Date of Monitoring: N/A**

### **Project Purpose**

In order to meet the purpose and need of the project, 1,098 linear feet of intermittent stream and 0.56 acres of wetlands, which are considered “waters of the U.S.”, would be altered. Restoration work consists of establishment of 26 Functional Wetland Units (FWUs) within constructed wetlands and 1,138 LF of intermittent stream channels using natural stream design techniques, increasing the length 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 (including increased stream length) 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.

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## Recommendations

No recommendations are made at this time.

## Mitigation Requirements

<b>Stream and Wetland Mitigation Performance Standards</b>	
<b>Stream</b>	
<b>Performance Standard</b>	<b>Current Status</b>
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 data sheets for the stream restoration sites.	Stream channel reconstruction has not started. Assessments will be made after completion.
<b>Wetland</b>	
Restore 26 FWUs	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.

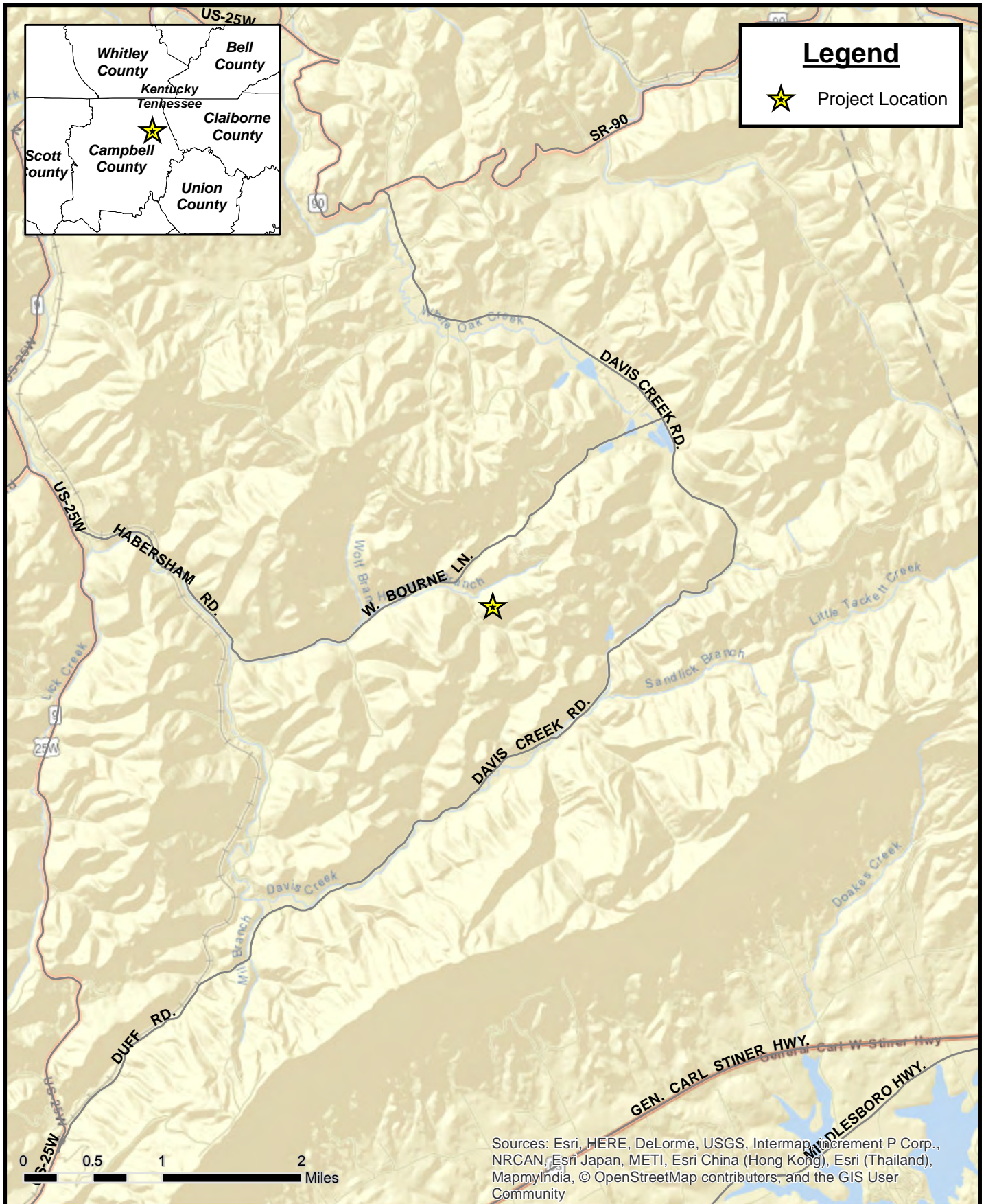
## Maps and Plans

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

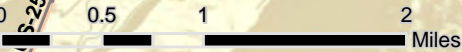
No impacts or mitigation activities have occurred at the site therefore no recommendations are made.





**Legend**

★ Project Location



Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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**Figure 1: Highway Location Map**

BSC#: 218091  
 DATE: January 31, 2019  
 Drawn By: BES



USACE#: LRN 2018-00397  
 Permit#: Pending  
 Checked By: BES