Table 14: Mitigation Bank Analysis

RESOURCE ANALYSIS				
IMPACT SITE DATA				
Resource Category	**Service Area; HUC**	**Distance to Impact Site**	**Credits Needed**	
Freshwater Wetland	PSA 03070204	--	1298.48	
Stream	PSA; 03070204	--	23,282	
			Sufficient Credits Available	**Recommended for Use**
MITIGATION BANK DATA				
Hog Creek Mitigation Bank				
Wetland	PSA; 03070204	60 miles	Not by itself	yes
Musket Bay Mitigation Bank				
Wetland	PSA; 03070204	51 miles	Not by itself	yes
Offerman Mitigation Bank				
Wetland	PSA; 03070204	59 miles	Not by itself	yes
Satilla River Mitigation Bank				
Wetland	PSA; 03070203	38 miles	Not by itself	yes

Additionally, following completion of the proposed mining activities, elevations within the footprint of the wetland will be restored to pre-mining conditions, stockpiled topsoil which will be removed prior to mining will be redeposited within the wetland footprint and the area would be planted with a variety of tree, shrub and herbaceous species.

7.0 WATERS OF THE U.S. JURISDICTIONAL DETERMINATION

During the Twin Pines Minerals due diligence process, TTL performed a delineation of waters of the U.S. for the various tracts during a time period covering April 2018 - April 2019. A report of findings along with a request for a jurisdictional determination for the Keystone and Loncala tracts was submitted to the USACE and review in 2018. On November 27 and 28, 2018, a site visit was conducted with USACE representatives to review the delineated areas. Revised reports based on the site visit are included as Appendix A. Reports of findings along with a request for a jurisdictional determination for the Adirondack and TIAA tracts are included in Appendix A of this submittal.

8.0 THREATENED AND ENDANGERED SPECIES

Project site-specific reviews on the USFWS Information for Planning and Consultation (IPaC) website identified 3 federally-listed species, 3 federal candidate species, and 3 species under review for federal status consideration as having the potential to occur within the vicinity of the project