Center Hill Dam Safety Rehabilitation

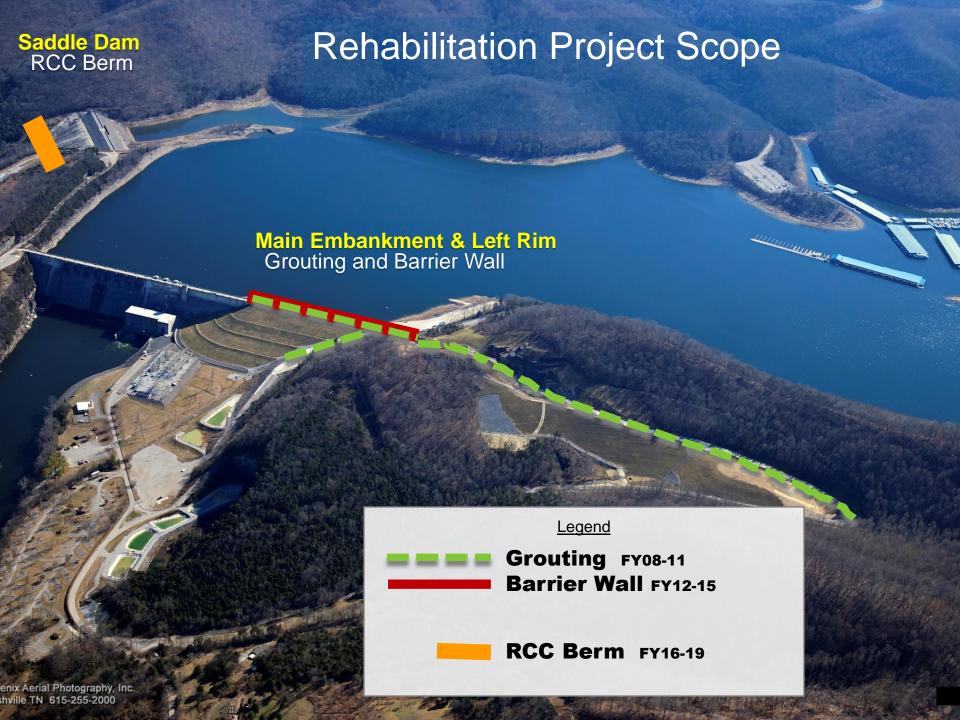
Status Update – Team Cumberland 6 April 2016

Linda H. Adcock
Project Manager
Nashville District

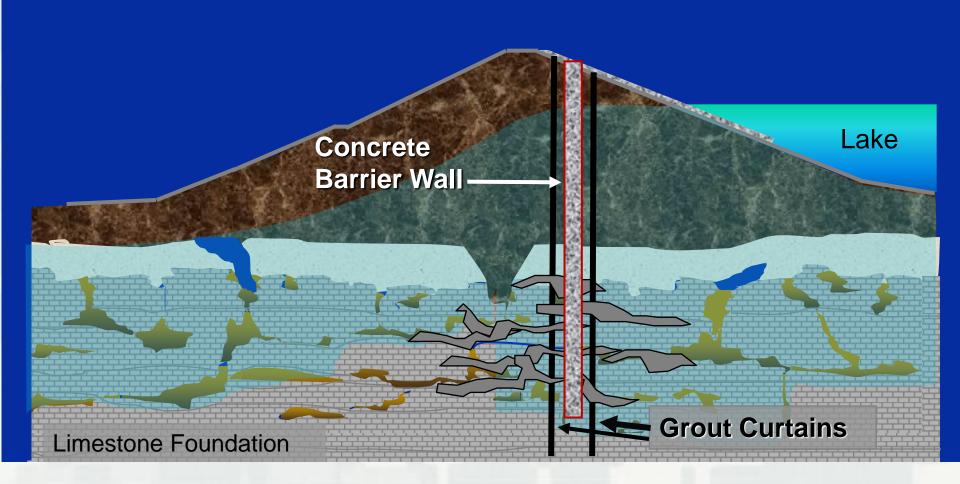


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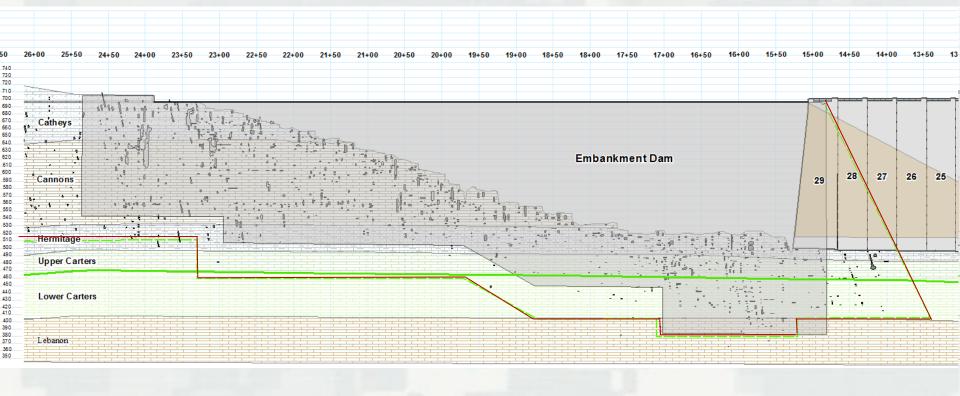
Grout Curtain and Barrier Wall





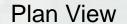
Grouting and Barrier Wall

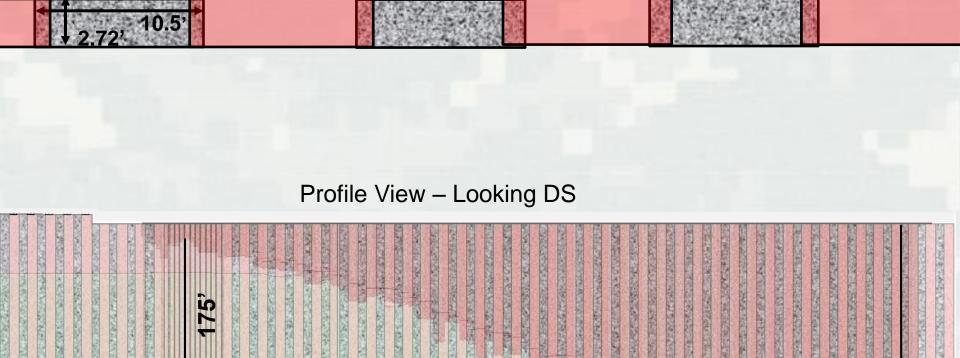
Profile View – Looking DS





Barrier Wall Geometry





Cannon LS
Hermitage

Upper Carters LS

Lower Carters LS

Lebanon LS

Wall Excavation-BC50 Cutter

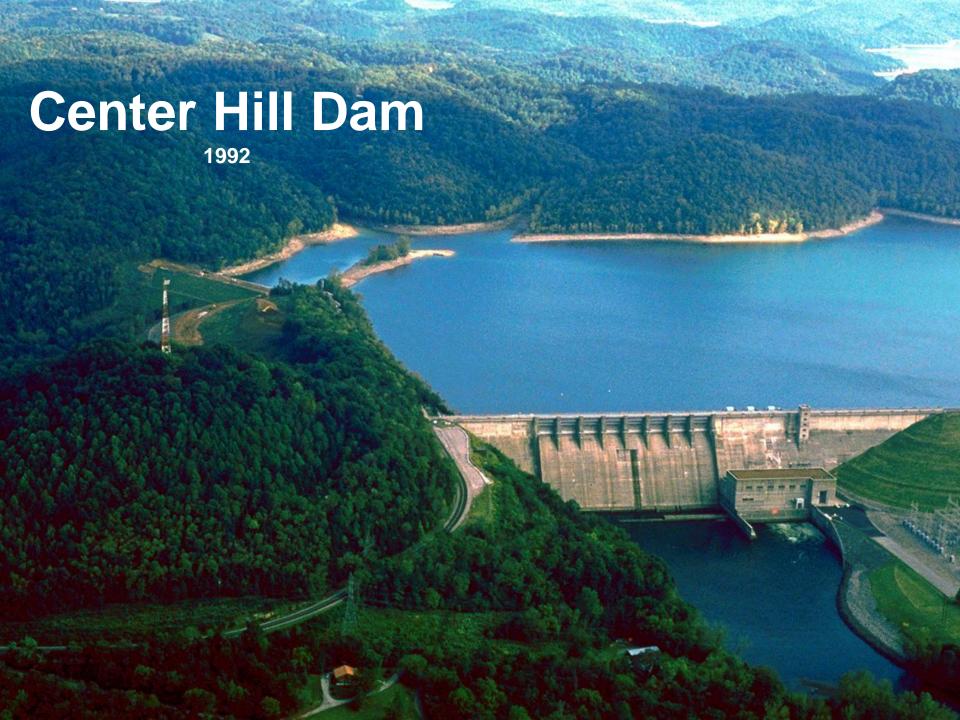
Cutter head fitted with rock picks and soil cutters

Onboard instrumentation (inclinometers) for monitoring orientation



Pump for slurry circulation and removal of cuttings





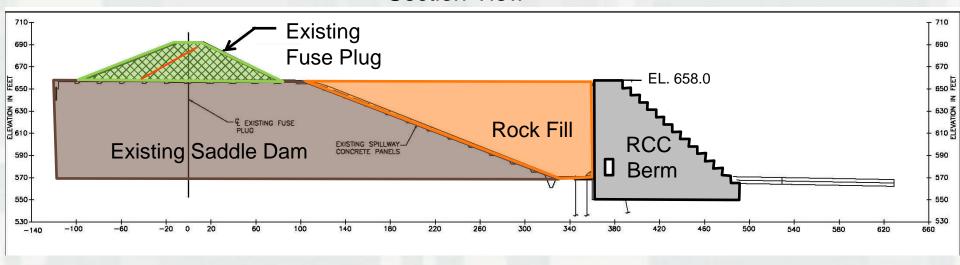
Existing Saddle Dam and Fuse Plug





RCC Berm at Saddle Dam

Section View

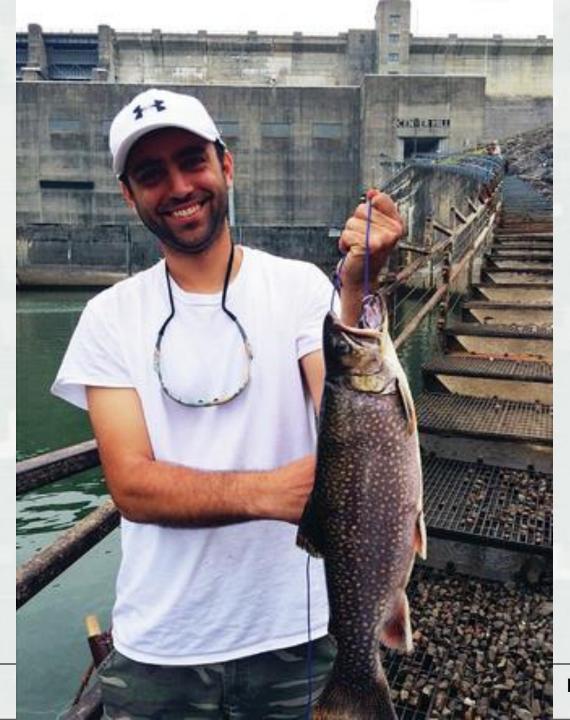




Completion and Pool Raising Activities

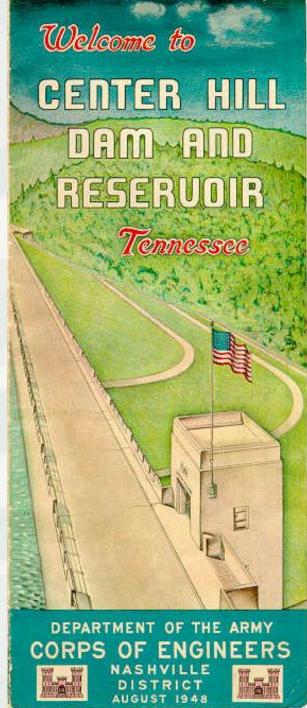
	Center Hill Dam Safety Modification Pool Raising Plan/Schedule																																																
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Ca	ıl Y	r. 201	.5		Calendar Yr. 2010												Calendar Yr. 201						17							Calendar Yr. 2					2018						Calendar Yr. 2019								
																																								<u> </u>									
		Conduct PIE Risk Estimate of Barrier Wall,																													-																		
					Summary Report of En								nvironmental																		Co	Conduct PIE Risk Estimate of Saddle Dam with Berm,																	
		Commitments																						C/						Compile and Approve Report, revise DSA									SA	C Rating									
Barrier Wall Physical Completion					Barrier Wall Documentation																					RCC at Elev. 658																							
					for Evaluation and Fiscal Closeout																									(80% confidence 1 July 2018)																			
		Berr	n & I	LR So	Solicitation Constru										t Saddle Dam RCC Berm & Left Rim Stabiliza									zati	ion		È						Ĺ																
	& Source Selection															→																																	
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Questions?



