

L-31N Seepage Barrier Phase 2 Construction

Miami-Dade Limestone Products Association

Project Team:



MACVICAR CONSULTING, INC.
SOUTH FLORIDA WATER RESOURCE SPECIALISTS



- * West side of L-31N Canal between ENP and canal
- * 35 feet deep cement, bentonite slurry seepage barrier
- * 2 miles completed in 2012
- * Additional 3 miles under construction



Construction Process

- * Trencher cuts 32” wide by 35’ deep trench moving from south to north ahead of slurry placement
- * Trench is backfilled with cuttings to allow for slurry to be placed in daily sections
- * Cuttings are excavated and replaced with slurry which is pumped from a batch plant on east side of the canal
- * New sections are tied into previous day’s section by ~ 5’
- * Batch plant is moved north in 3,000’ increments as construction proceeds to minimize pumping distance

Trenching



Trenching



Trenching



Excavation and Slurry Placement



Excavation and Slurry Placement



Turbidity Control

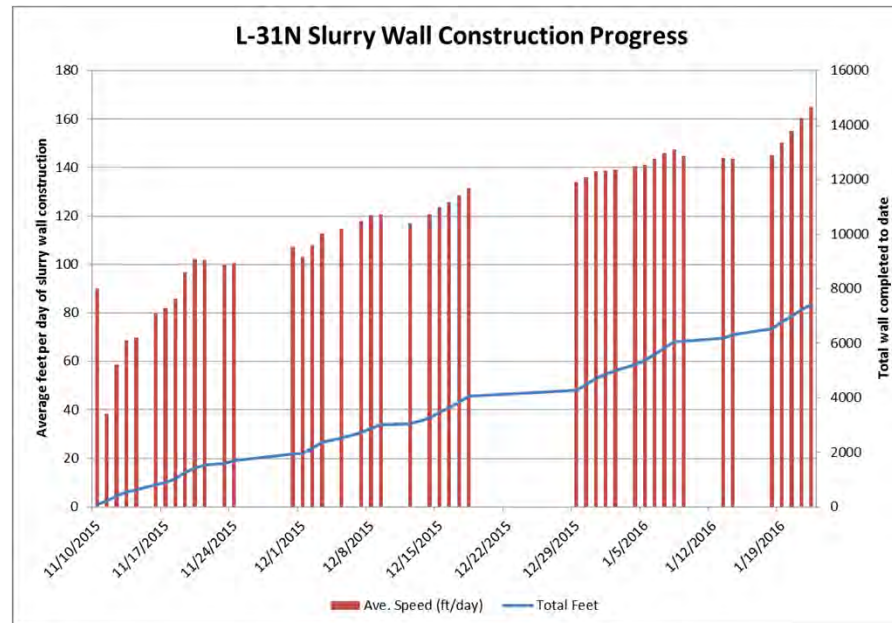


Batch Plant



Construction Status

- * Trenching >90% complete
- * 7,500 linear feet of wall constructed, >50% complete
- * Expected completion April 2016



Questions?

