Brantley Engineering, LLC

CQA Daily Field Monitoring Summary

Project Number: 2014-101	Owner: Omni Waste of Osceola County, LLC
Report Number: 21	Contractor: RCS Excavation
Project Name: JED Cell 10 Construction	Installer: Comanco
Location: St. Cloud, Florida	Date: 3/27/14

Weather Description

Sky Cover:	Cloudy w/ Showers	Amt. of Precip:	0.3"	Wind:	5-10	(mph)
Temp: Low (F):	54 at 7:00	a.m.	High (F)	75 at 3:00	p.m.	

CQA's On Site: Kevin Lesley

Daily Load Count: 384 loads of general fill material (6,144 CY Cumulative 86,720 CY)

Major Construction Equipment: 2- Excavators, 1 - 650 John Deer Dozier, 1 - CAT D-6 Dozier, 10 - Off road haul trucks, 1-Smooth drum, 1 - John Deer Tractor with Box Blade, 1 - Articulating Water Truck, 1 - Dozier, 1 - Front End Loader

Contractor(s) Construction Progress:

RCS resumed structural fill placement in the middle of the cell continuing to southern edge of floor with Lift 4 utilizing the D6 Dozier and same haul trucks to transport fill materials from the borrow pit to Cell 10. RCS continues with same pattern of placement and compaction using pneumatic roller behind Dozier to compact placed Lifts. RCS moved into where Lift 4 has been tested and passed to begin placement of Lift 5 working from middle of cell back towards the southern section of the cell. RCS used crew of 3 and the front end loader to unload and stockpile HDPE liner from trucks #3 through #8. This brings the cumulative total of HDPE rolls to 95 Rolls (60-mil) + 1 additional roll (40-mil) cut in 3 sections for the flap.

CQA (s) Monitoring Activities and Test Results:

Observe and Document Cell 10 construction progress with RCS using same existing equipment to place structural fill for continuing Lift 4 and beginning of Lift 5. Although light showers on & off throughout day, material compaction is very firm under loaded haul trucks throughout entire days construction. Rained just enough to moisture condition placed material throughout day while also hindering ability to use nuclear density gauge for testing. Used probe and proof roll testing throughout the day, while confirmation nuclear density gauge testing will be performed first thing in the morning prior to placement of next lift. Observed and inventoried HDPE liner shipments throughout day. Took stone samples to the UPS location in Melbourne.

CQA Specialist: Kevin Lesley