NATURAL RESOURCE TECHNOLOGY

Meeting Minutes

Group: Will County Station – Pond #2 Liner Replacement Project

Participants:
Jeff Beaudry – MWG Will County (station project manager)
Becky Maddox – MWG Corporate/Will County (environmental manager)
Aron Yakima – Brieser (contractor project manager)
Matt Albert – CAAWS (project estimator)
Heather Simon – NRT (project manager)
Eric Tlachac – NRT (project manager)
Ryan Baeten – NRT (project engineer)
Joseph Ridgway – NRT (project engineer)

Absent: None

Date, Time, Place: June 25, 2013, 14:00 – 15:00 CT – Conference Call

Meeting Roles:	
Facilitator:	Heather Simon
Minutes Recorder:	Joseph Ridgway
Next Meeting:	As Needed

Meeting Notes:

Discussion Items:

1) Project Introductions
2) Safety Training Requirements – Jeff can be available to provide site-specific H&S training to personnel as early as 05:30am; prefers that training be completed prior to project start
3) Brieser will provide potable water and toilets
4) Brieser's Job trailer can be mobilized to small trailer park on site
5) NRT's role – periodic inspections for construction quality assurance (CQA) during subgrade prep, geocell installation, and placement of cushion/warning layers, and full-time CQA oversight during liner installation and leak location survey
6) Schedule update
   a) LaFarge will be finished with dredging activities on 07/05/13
   b) Brieser – plans to start work on 07/08/13; anticipates 6-week duration; CAAWS onsite 1st week in August
   c) Construction storm water discharge permit is posted online – good to go
7) Poz-O-Pac material removed from pond will be recycled at Orange Crush facility via direct

NATURAL RESOURCE TECHNOLOGY

EXHIBIT
Bloomberg No. 5208
MWG-509

MWG13-15_28235

load and haul (not stockpiled)

8) SWPPP and Erosion Control
   a) Collected storm water to be conveyed to active Pond #3
   b) Stockpiling of residual ash and other materials
      i) Materials to be reused as backfill, excluding residual ash, to be stockpiled within a bermed area; if inactive for 7 days, must be covered
      ii) Becky to review notes to identify what was done during construction at Pond #3 for management of residual ash
         (1) Jeff mentioned possibility of stockpiling residual ash in active Pond #3
   c) Becky is identified as the SWPPP inspector
9) Truck route/access still from south of site – All workers shall be mindful of railroad traffic that is not consistently scheduled; railroad has the right-of-way.
10) Pond sides slopes may require re-grading – over-excavation at Pond #3 may have historically occurred leading to steeper grade
   a) Survey to be performed before subgrade preparation activities to identify and confirm areas that require grading to meet a 3H:1V side slopes; and a survey of prepared subgrade prior to geosynthetic installation to be performed as part of original scope of work.
11) CAAWS to provide Panel Layout Diagram (Note – this was done on 06/28/13)
12) QC/QA - Ryan provided overview of NRT's CQA approach
   a) All seems shall be non-destructively tested
      i) Spark tests shall be performed where vacuum tests are not possible
      ii) Vacuum box must be clean/visible
   b) Don't stack HDPE rolls more than three high – prevents crushing roll core
   c) All CQA efforts will be documented by NRT, in addition to CAAWS
13) Anchor trench may be excavated ahead of time if soils are free draining
14) Top layer of geotextile cannot be seamed using heat – CAAWS to look into fusion welding or sewing; will get back to NRT
15) Geocell will be installed by Brieser
   a) Planned for about 10 laborers for geocell installation
   b) Estimated installation rate of 2,000 ft^2/d – 8 days forecasted on schedule
   c) To be installed from top of slope down, filling with concrete as deployed
   d) Brieser will only deploy an amount of geocell that can be backfilled the same day
   e) Horizontal runout along weir will provide necessary anchoring (no trench)
   f) Material has been delivered to the site
   g) Leak location survey must be performed before backfilling the geocell along the horizontal runout at top of slope with cushion material (this small strip should be left open until survey completed)
   h) Cushion and warning layers to be placed after geocell is complete
16) NRT to submit Issued for Construction Plans to team this week, also include Joseph's contact info

Action Items:	Who	Due Date
Review notes from previous work to determine how material was stockpiled	Becky	Before project start – 07/08/13

Action Items (Continued):	Who	Due Date
CAAW to provide NRT with Panel Layout Diagram (Note – this was done on 6/28/13.)	Matt	One week before CAAW mobilized to site
CAAW to provide seeming technique to be used for top layer of geotextile	Matt	One week before CAAW mobilized to site
NRT to provide Brieser with Issued for Construction Plan Set, will also provide Joseph's contact info	Heather	06/28/13