

Subject: North Wake Landfill - Meeting Minutes

From: "Nicole Young" <obs-nyoung@mindspring.com>

Date: Wed, 17 Sep 2008 14:51:09 -0400

To: <tmaloney@co.wake.nc.us>, <Eric.Staehle@co.wake.nc.us>, <john.roberson@co.wake.nc.us>, <jbeal@co.wake.nc.us>, <lee.squires@co.wake.nc.us>, "Brinchek, W. Michael \ (Mike\)" <BrinchekWM@cdm.com>, "Brossoie, Robert" <BrossoieRE@cdm.com>, <ed.mussler@ncmail.net>, <donna.wilson@ncmail.net>, <buckleyjb@cdm.com>

Attached please find the minutes from the meeting with the NC Division of Environmental Services on September 4, 2008. Thank you.



Nicole M. Young, ASLA
OBS Landscape Architects
306 / 200 Parham Street, Suite B
Raleigh, NC 27601
phone: (919) 755-0046
fax: (919) 755-0930
obs-nyoung@mindspring.com

NCDENRMtgMins_NWLFReuse9-4-08.doc

Content-Type: application/msword
Content-Encoding: base64

The following are minutes from our meeting with NC Division of Environmental Services on 9.4.08

Attendees

Ed Mussler NCDENR
Donna Wilson NCDENR
John Roberson Wake County
Johnny Beal Wake County
Eric Staehle Wake County
Lee Squires Wake County
Mike Brinchek CDM
Bob Brossoie CDM
Brian Starkey obs landscape architects

The following are minutes from the meeting held at the office of NCDENR on 9.4.08 at 10:00

Brian gave an overview of the Master Plan, phase one park improvements and proposed plans for the top of the Subtitle D cell including placement of walks, fencing, benches, signage and plantings.

Plans appeared generally acceptable to NCDENR representatives with the following comments:

Leachate Pond

Mike Brinchek reported that the City of Raleigh permit allows a leachate discharge of 125,000 gpd compared to an estimated 50,000 gpd from the NWLF based on modeling & assuming 600 gals/acre/day for leachate generation.

Approval to remove / decommission leachate pond will require the following:

- 1) Report on data from landfill regarding leachate flow.
- 2) Information on the soil conditions below the current pond (3 concrete cores w/soil samples). CDM develop a soil sampling/testing plan w/costs.
- 3) Investigation into conditions around wet wells (piping from the leachate pond to the flowmeter vault + the vault itself)
- 4) Determination of impact on ground water.
- 5) Submit data from similar closed facilities in support of decommissioning the leachate pond along with the modeling results
- 6) Submittal of the decommissioning steps
- 7) If contaminated soil is encountered beneath the leachate pond, what steps will be taken to remediate the contamination (e.g. remove contaminated soil & dispose of in LF)

If soils beneath are contaminated a plan for remedial action needs to be included in the decommissioning report. Donna Wilson asked if the soils under the liner would be exposed in the park area. No. Soils from the borrow area will be backfilled over the soil subgrade following decommissioning of the pond.

Report on leachate pond will be accepted and reviewed by NCDENR prior to submittal of the entire modification to the closure permit....so that removal and disposal of pond liner can proceed prior to liner being completed on subtitle D cell. Decommissioning of pond needs to happen by early to mid November

Master Plan needs to be included in post closure modification report so it is part of permanent record.

Plan to decommission pond to follow 1680 rules.

Application will be for a permit modification not an amendment. Permit modification is more specifically a modification to the Post Closure Plan.

Permit modification to include reference to temporary EMS facility (Santek shop) & temporary fueling station (next to GSA). Also need to modify staging/phasing of park project in permit modification from original plan document.

Need to verify design of bioretention basin w/DWQ/DLQ.

Ed Mussler agreeable to trees being planted on top of the LF if there is additional soil cover & no impact to 18" protective soil layer. Additional soil cover will not extend above the permitted fill contours. Would be a consideration to plant trees during later phases.

Stated during the meeting that fencing in the crown/viewing area is intended to prevent public access to the gas collection wellheads. Ed Mussler did not pose any questions w/regard to wellhead protection (e.g. vaults below grade). Ed Mussler referenced a Mecklenburg County site where protection of gas wells was addressed.

Eric Staehle reported that the reuse project would open as a County park & would remain Wake County property & also be maintained by Wake County. Future discussions are planned with the City. Ed Mussler stated that he would prefer not to deal w/multiple partners from a maintenance standpoint.