

9801-CDLF-1997

Subject: monitoring plan Wilson C&D

Date: Fri, 06 Aug 2004 11:48:48 -0400

From: Ellen Lorscheider <ellen.lorscheider@ncmail.net>

To: Gary Ahlberg <alluvial@earthlink.net>, Jim Barber <Jim.Barber@ncmail.net>

Hello Gary, Could you make the following changes to the Monitoring Plan..

Page 7 6.4.1 Sampling equipment listed should also include that bailing line should be nylon, teflon coated wire, or single stranded stainless steel wire.

6.4.2 It is preferred that field equipment is always deconned in a laboratory, not field deconned. This needs to be stated.

A 10% nitric acid or 10% hydrochloric acid rinse should be used after the phosphate free soap/water wash.

Documentation of proper cleaning protocol must be provided with disposable bailers.

Page 8 6.4.3

line 19 typo "three or five" should read "three, four, or five".

Add that the purging may need to be continued past the 3 to 5 volumes if pH and spec conductance have not stabilized.

6.4.4.1

It is not necessary to have separate bailers for purging and sampling.

Note that the order of taking samples is: VOCs followed by metals.

Page 9 Sample should be delivered to lab the same day that it was taken.

Example of a Chain of Custody form was not attached to plan

Page 10 Groundwater samples are tested for Appendix I VOCs and RCRA metals along with spec conductance, pH, and temp.

A copy of the QA/QC was not attached to plan.

Inorganic Constituents list should be adjusted to reflect addition of mercury (and deletion of unnecessary metals)

Organic Parameters do not need to list the Semi-VOCs. VOCs can also be tested according to EPA Method SW-846 8260.

Page 12 6.7

3rd line should be: "abandoned according to 15A NCAC 2C .0113" not "under direction of DWM".

Neat cement grout and/or bentonite grout (not clay) should be used for abandonment of wells.

Plan Sheet: Please also show the Compliance Boundary.

If P-102 is constructed properly it looks like it would suffice as GMW-2 to save the county from having to install another well.

I'm in all day today if you need to contact me. Thanks, Ellen

9801
Fac/Perm/Co ID#
Carmen Johnson
Date 8/20/12
DIN
Doc ID#

Carmen Johnson

Fac/Perm/Co ID # 98-01	Date 8/20/12	Doc ID#
		DIN

Subject: Re: FW: Wilson Co C&D

Date: Wed, 19 May 2004 14:29:19 -0400

From: "Gary Ahlberg" <alluvial@earthlink.net>

To: "Jim Barber" <jim.barber@ncmail.net>

OK. I don't want to make a decision without your full review of the data. If you would advance a draft of the siting verdict.

Thanks,

Gary

> [Original Message]
 > From: Jim Barber <Jim.Barber@ncmail.net>
 > To: JAMES COFFEY <JAMES.C.COFFEY@ncmail.net>; ELLEN LORSCHIEDER <ELLEN.LORSCHIEDER@ncmail.net>; <alluvial@earthlink.net>
 > Date: 5/14/2004 2:58:32 PM
 > Subject: Re: FW: Wilson Co C&D
 >
 > Gary;
 > I have spoken with Ellen about her review of the site suitability information you have submitted, along with the response to comments. At this time the issue of settlement is normally addressed in the construction plan. In order to expedite the construction review process you have chosen to address this issue now or bring it to light. In discussing with Ellen the info you provided and the phone conversation we had a week or so ago, I have not reviewed the settlement info. or method or methods used to determine the settlement issue (consolidation of the upper sands or consolidation of the lower clays or combo of the two). If you agree, based upon the settlement number calculated of 1.30' and your estimate that it likely will only be 0.5' (based upon construction and loading of the site); I will be comfortable with a settlement factor of 1.0', therefore providing a 5.0' separation for seasonal high table and the waste mass.
 > If you wish to discuss this further, give me a call once the construction application is submitted and I will look at the information provided in the application. At this time the Section is putting together the site suitability letter and will fax and send a copy of the S.S. letter next week upon signing by Jim Coffey.
 > jim barber
 >
 > Gary Ahlberg wrote:
 >
 > > Mr. Barber,
 > >
 > > As we discussed recently, the conceptual base grades will be revised in the construction plan to include a total separation of 4.5 ft from the SHGW elevation. Our response to comments details the engineering approach for typical settlement across the entire footprint. Just to add some clarity to our plan (as included in the site report), we plan to build the base in 3 phases under the initial 5-year permit to construct. This will yield

> > balanced loading of the subgrade, and site grade improvements for
> > stormwater drainage.
> >
> > Your confirmation of the acceptability of this design approach would
> > greatly serve our project needs. Current operations are rapidly nearing
> > permitted capacity.
> >
> > Thanks,
> >
> > GWA
> >
> > Gary W. Ahlberg, P.E.
> > 201 N. Front Street, Suite 706
> > Wilmington, NC 28401
> > p 910.362.9800
> > f 910.362.0407
> > c 910.232.6696
> >
> > > [Original Message]
> > > From: Ellen Lorscheider <ellen.lorscheider@ncmail.net>
> > > To: Gary Ahlberg <alluvial@earthlink.net>; Jim Barber
> > > <Jim.Barber@ncmail.net>
> > > Date: 5/13/2004 2:06:24 PM
> > > Subject: Wilson Co C&D
> > >
> > > Jim, I am satisfied with the response to my comments regarding the
site
> > > suitability for the Wilson County C&D. Please be aware that the
> > > basegrades which are shown on the plans sheets do not incorporate the
> > > settlement of 1.3 feet (0.5 foot typical per G. Ahlberg). The base
> > > grades will need to be set during the design of the phase 1.