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51-03	December 22, 2011	16062

DELIVERED - By E-Mail
Date: December 22, 2011
Solid Waste Section
Raleigh Central Office

Chao, Ming-tai

From: Chao, Ming-tai
Sent: Thursday, December 22, 2011 8:50 AM
To: 'Lamb, Steve'
Cc: Mussler, Ed
Subject: RE: Construction Record Report for LFGCCS, Johnston County MSWLF, 51-03

Hey Steve:

I have completed a review of the revised Construction Document Report (Report). There are several “typos” or data missing in the As-built drawings which are described below:

1. (Sheet 9 of 12) There are two locations have the same identification number-ZEW-405. To avoid confusion please change the one with other identification number and keep the ZEW-405 for the well EW-405 or make a “field note” in the drawing to eliminate any potential confusion in the future.
2. (Sheet 10 of 12) The well EW-417 was removed from the project scope according to the Report but showed on the drawing. Is it a typographic error? Or will this be the well EW-416 which is missing from the drawing? Please clarify.
3. (Sheet 11 of 12) The well EW-409 and EW-414 are missing from the drawing. There is “ZEW-413 (Point #2017) located in the proximity of EW-414; is this well EW-414? Please clarify.
4. (Sheet 12 of 12) Please incorporate the responses to the comments No. 1 through 3 to the data sheet on the drawing.
5. Appendix D – As-built Well Schedule Table
 - i. Please double check the landfill depths at wells EW-503 and EW-505; there are apparently have some calculation errors.
 - ii. The baseliner elevation at the well EW-506 is approximately 224 above mean sea level according to the Drawing No. 2 of 2. The baseliner elevation data presented in the Table of Appendix D is incorrect. Please make necessary correction.

Please submit only the portions of the documents which are subjected to revise [one hard copy and one electronic copy (in pdf format)]. The Solid Waste Section appreciates your corporations on this matter. Should you have any questions, please contact me at 919-707-8251. Wishing you and your family have a Merry Christmas and Happy New Year.

Ming-Tai Chao, P.E.
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From: Lamb, Steve [<mailto:SLamb@scsengineers.com>]
Sent: Tuesday, November 29, 2011 1:21 PM
To: Chao, Ming-tai
Cc: Mussler, Ed; Wilson, Donna
Subject: RE: Construction Record Report for LFGCCS, Johnston County MSWLF, 51-03

Ming:

Thanks for the draft comments letter. We will review this week and revise report accordingly. In regards to EW509, EW510, and EW511, we did not drill through the liner. After we submitted the permit drawings to you we obtained better as-built data of the liner grades in Phase 5, revised the drawing/well schedule and adjusted the drilling depths to maximize LFG extraction. Sorry for the confusion on this one, we should have documented that better in the report.

Steve

From: Chao, Ming-tai [<mailto:ming.chao@ncdenr.gov>]
Sent: Tuesday, November 29, 2011 9:31 AM
To: Lamb, Steve
Cc: Mussler, Ed; Wilson, Donna
Subject: Construction Record Report for LFGCCS, Johnston County MSWLF, 51-03

Dear Mr. Lamb:

After completing a review of the "Construction Documentation Report (Report) – Landfill Gas Collection and Control System Expansion 2011" dated November 17, 2011, I made comments on the Report to request for more information and clarification on several issues associated with the project. The attached is the "draft" comment letter for you to review so that certain comments such as the request for supplemental data and the correction of typos can be removed from the final official comment letter if you agree to provide a revised copy of the report including an electronic copy in a CD (pdf format).

Please pay special attention to the Comment No. 5 iii. Based on the data in the report, the landfill baseliner is likely damaged by advancing soil borings – EW509, EW-510, & EW-511. However, I don't want to make the final conclusion on this matter without discussing with you and your associates in charge of the construction activities. Please feel free to contact me if you have any questions on the draft comment letter.

Best regards,

Ming-Tai Chao, P.E.
Environmental Engineer II
Permitting Branch, Solid Waste Section
Division of Waste Management

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