

From: Ritter, Christine
To: ["Joan Smyth"](#)
Cc: [Wilson, Donna](#)
Subject: Johnston Co WQMP and Landfill Gas Monitoring Plan
Date: Wednesday, February 19, 2014 12:08:00 PM

Hi Joan-

I have completed my review of the Johnston County Landfill Water Quality Monitoring Plan and Landfill Gas Monitoring Plan submitted by Smith + Gardner on behalf of Johnston County. I have the following comments:

WQMP

I approve the revisions requested to the groundwater monitoring well network at the Johnston County Landfill, which now combines detection and assessment monitoring at the multiple landfill units, including the C&D Landfill, the Phase 1-4A landfill, and the Phase 5 landfill. I am requesting that a Contingency Plan section be added to the WQMP, which addresses contingencies for detection monitoring in accordance with .1633 *Detection Monitoring Program* and contingencies for assessment monitoring in accordance with .1634 *Assessment Monitoring Program*. You may discuss how or why the various monitoring wells that were eliminated from the revised network may potentially be used for additional sampling if necessary.

Page 5, Section 2.2.1 Modifications from Previous Monitoring Network: The first sentence should have an additional comma or two separating the various landfill units.

LFGMP

I approve the landfill gas monitoring plan as proposed, however, although Phase 5 is located a great distance from the property boundary, I would like some additional discussion regarding the absence of LFG monitoring around Phase 5. Can you please include a discussion or rationale for not monitoring that landfill area, specifically explaining how a release from that particular landfill unit would be identified or detected in the future.

Page 5 contains a typo, under Section 2.1, Figure 1 should be listed as Figure 2.

If you have any questions or comments, please call or email me.

Thank you,
Christine

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