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ST JULIENS CREEK  
5090.3a

EMAIL AND COMMENTS FROM VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY  
REGARDING REMEDIAL ACTION WORK PLAN FOR SITE 5 ST JULIENS CREEK ANNEX  
CHESAPEAKE VA  
10/21/2010  
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

**From:** [Doran, Karen \(DEQ\)](#)  
**To:** [Jones, Adrienne/VBO](#); [Bob Stroud](#); [Staszak, Janna/VBO](#); [Walter Bell](#)  
**Subject:** Site 5 RA WP - VDEQ comments  
**Date:** Thursday, October 21, 2010 1:52:02 PM

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Team -

I have reviewed the referenced document and submit the following VDEQ comments:

Technical:

1. Section 2 - include a bullet discussing the restoration of wetlands
2. Section 3.5.4 - please include additional details regarding the filter bag, and the location and estimated quantity of the proposed downgradient discharge of nuisance water
3. Section 3.6.2, third paragraph, last sentence - please explain how removal to a depth of 1 foot reduces remaining risks to an acceptable level, i.e. were pre-confirmation samples taken?
4. Section 3.10.4 - include wetland restoration in header AND in the third paragraph, first sentence add that the monitoring and maintenance will also verify that all impacted wetlands have been restored sufficiently to achieve no net loss of pre-construction existing wetland acreage and functions AND in the fourth paragraph maintenance may include regrading the site if restored wetlands are not successful due to incorrect elevation
5. Section 3.12 - please include reporting for wetland restoration monitoring and maintenance in this section
6. Figure 3-5 - it is difficult to differentiate between the existing wetland area, the wetlands 5 extended area, and the upland restoration area on this figure and in the legend, please clarify
7. Appendix E, second set of bullets, second bullet - this states mechanical screening is not required for grid R - is this still accurate?
8. Appendix F, Section 1, second paragraph, last sentence - should this sentence include potential human health hazards as well?

Typographical:

9. Section 1.2, fifth paragraph, last sentence - change "combine" to "combined"
10. Section 2 - the portion of the removal area adjacent to and west of the waste/burnt soil area is not accounted for in this section
11. Figure 2-1 - misspellings in line 2 and 31
12. Section 3.5.1, first paragraph - correct grammatical errors in this paragraph
13. Section 3.6.1, last sentence - should the reference to Section 3.6.3 actually be to Section 3.6.4?
14. Section 3.7, second bullet - I cannot locate Section 3.6.6 as referred to in this bullet
15. Figure 3-2 - "technicians" and "relevant" are misspelled
16. Appendix C
  - a. page 3, last line - missing period

- b. page 4, first line - "Because" is misspelled
- c. page 5, #4 - extra ")"
- d. Figure G-3
  - i. Table 1 - should "WM" be "WP"?
  - ii. Table 3, note 1 - "seed" is misspelled
- e. Figure ES-2
  - i. Waste/burnt soil area refers to Note 3 - should be Note 2
  - ii. "disturbance" is misspelled
  - iii. What is the line between the silt fence and the waste/burnt soil area depicting?
- f. Figure ES-3 - "disturbance" and "excavation" are misspelled
- g. Figure ES-5 - remove Note 3 reference from the Perimeter Fence description
- h. Figure SD-1 - "disturbance" is misspelled

Thank you for the opportunity to comment.

*Karen M. Doran*

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