

**From:** Joe Weismann <joe.weismann@usecology.com>  
**Sent:** Thursday, January 08, 2015 2:26 PM  
**To:** Conway, Kimberly  
**Cc:** Timothy Jenkins; Jim Hancock; Noel Bailey; Joe Weismann  
**Subject:** FW: Environmental Monitoring Summary Report - Westinghouse/Hematite Environmental Assessment  
**Attachments:** 2013 IDEQ Radiation Oversight Environmental Monitoring Report.pdf; 2014 Air Quality Compliance Inspection-Revised PTC Letter.pdf; 2014 Air Quality Compliance Inspection-Signed Consent Order.pdf; IDEQ RCRA Oct. 15-16 2013 Compliance Inspection Report.pdf

Ms. Conway;

Answers to your questions may be found below (in red) and in the attached. Please let me know if you have any questions or require additional information.

Best regards,

-JJW

*Joseph J. Weismann, CHP | Vice President, Radiological Programs*

**USEcology, Inc.**

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**From:** Conway, Kimberly [<mailto:Kimberly.Conway@nrc.gov>]  
**Sent:** Wednesday, December 17, 2014 3:21 PM  
**To:** Joe Weismann  
**Subject:** RE: Environmental Monitoring Summary Report - Westinghouse/Hematite Environmental Assessment

Mr. Weismann:

Thank you very much for your assistance. I was hoping you might also be able to answer a few additional questions (below) related to USEI to ensure we have captured relevant updates since the development of the last EA. Where context is helpful, I tried to include excerpts. Please let me know if you need any clarification.

I appreciate your help.

Thanks,  
Kim

1. Has the site boundary or type of operations changed since the January 14, 2014, Hematite License Amendment No. 63 was approved? **No**

2. *Excerpt from previous EA Section 5.8: "USEI indicated that no new cell construction activity has occurred at the site since the previous Westinghouse Hematite alternate disposal authorization, and that nothing beyond the scope of what was authorized by the Idaho State Historical Society in their May 18, 2006, letter has been undertaken. USEI also noted that nothing of cultural or historical significance was discovered during Cell 16 construction activities."*
- Are these statements still accurate? **Yes** If not, please note any relevant updates. **N/A**
3. I would appreciate the following information regarding inspections since you provided information for the EA related to License Amendment No. 63 in July 2013:
- Could you provide results of any 2013 or 2014 IDEQ RCRA facility inspections? **Please see attached.**
  - If any EPA Toxic Substances and Control Act (TSCA) inspections have occurred in 2013 or 2014, could you provide the results of those?
  - Have there been any additional IDEQ radioactive waste management audits in 2013 or 2014? If so, could you provide the results?
  - Have there been any additional IDEQ air quality permit inspections in 2013 or 2014? If so, could you provide the results?
4. *Excerpt from previous EA Section 5.12: "As of the end of May 2013, Cell 15 had 680,361 yd<sup>3</sup> of space remaining. This equates to 1.6 years of capacity at approximately 40,000 yd<sup>3</sup> per month of usage. Construction on the first phases of Cell 16 has been completed, which adds an additional USEI disposal capacity of approximately 800,000 yd<sup>3</sup>. Total permitted capacity of Cell 16 at complete build-out is 10 million yd<sup>3</sup>."*
- What is the current updated capacity and projected life remaining in Cell 15? **722,337 yd<sup>3</sup> (Update as of December 2014 - US Ecology has identified some additional airspace in Cell 15 as a result of changing from an average end-calculation method to full integration across digital surfaces generated in AutoCAD. We also discovered that frost protection materials (~150,000 cyd) were previously accounted for in the original design volume calculation and no longer need to be deducted from the ultimate cell capacity. Consequently, this new calculation reflects 197,860 yd<sup>3</sup> of additional airspace for Cell 15).**
5. *Excerpt from previous EA Section 5.12: "USEI stated that the average concentration of radioactive material in waste disposed of at the USEI facility through 2012 was approximately 79 pCi/g and is well below the site's concentration based limit of 3,000 pCi/g."*
- What is the current average concentration of radioactive material wastes disposed to present? **90.3 pCi/g (through 3<sup>rd</sup> Quarter 2014).**

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**From:** Joe Weismann [<mailto:joe.weismann@usecology.com>]

**Sent:** Wednesday, October 15, 2014 3:00 PM

**To:** Conway, Kimberly

**Cc:** Pallagi, Kenneth E. ([pallagke@westinghouse.com](mailto:pallagke@westinghouse.com))

**Subject:** RE: Environmental Monitoring Summary Report - Westinghouse/Hematite Environmental Assessment

Kim;

Attached please find the 2013 Environmental Monitoring Report for US Ecology Idaho. If you have any questions, please do not hesitate to contact me.

Best regards,

*Joseph J. Weismann, CHP | Vice President, Radiological Programs*

**USEcology, Inc.**

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**From:** Conway, Kimberly [<mailto:Kimberly.Conway@nrc.gov>]

**Sent:** Wednesday, October 15, 2014 12:46 PM

**To:** Joe Weismann

**Subject:** Environmental Monitoring Summary Report - Westinghouse/Hematite Environmental Assessment

Mr. Weismann:

I am a project manager with the U.S. Nuclear Regulatory Commission and I am currently working on an Environmental Assessment (EA) related to Westinghouse's July 11, 2014, request for alternate disposal of waste from the Hematite Decommissioning Project under 10 CFR 20.2002. The EAs for the previous Hematite alternate disposal requests reference USEI's annual environmental reports (e.g., US Ecology Idaho – IDD073114654 “2012 Environmental Monitoring Summary Report – Radiological”) and I was wondering if you might be able to provide a copy of USEI's 2013 report.

Please let me know if you have any questions. I appreciate your help.

Thanks,

Kim