



## Flat Rolled Products

Trentwood Works

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SEP 14 2015

Department of Ecology  
Eastern Washington Office

September 11, 2015

Mr. Pat Hallinan  
Department of Ecology  
4601 N Monroe Street  
Spokane, WA 99205

RE: Follow-up to Verbal Report  
Outfall 006 pH Readings

Dear Mr. Hallinan:

As a follow-up to our phone conversation earlier week, the following additional information is provided.

### Background

On Wednesday, August 19, 2015, the facility suffered a complete loss of its electricity supply for almost two hours. As a result of this power outage, various systems were off-line for several hours to days before full functionality completely was restored. On Friday, August 21, 2015, it was noticed that the field pH readout for Outfall 001 was indicating a pH level of 5.8 standard units. A sample of the discharge at that time was taken and brought to the laboratory in order to check the field reading. The pH level recorded in the laboratory was 7.83 standard units.

### Actions Taken

Based upon the pH reading from the laboratory, the pH sensor in Outfall 001 was recalibrated with standards solutions of pH 4.0 and 10.0. Once recalibrated, the sensor was returned to service. The observed field pH readings returned to expected levels.

### Conclusion

Based upon the information learned from the actions taken, it appears that the power outage had a negative impact on the Outfall 006 pH sensor causing it to generate inaccurate readings and that once recalibrated the inaccurate readings issue was resolved.

The August DMR will include the field recorded data, but will be footnoted that the readings of August 19<sup>th</sup> to August 21<sup>st</sup> are suspect due to the power outage.

PO Box 15108  
Spokane Valley, WA 99215

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If you should have any questions, please feel free to contact me at (509) 927-6554.

Sincerely,



Bernard P. (Bud) Leber, Jr.  
Environmental Engineering Manager