



## Red Bay Environmental

April 21, 2020

Mr. Brett Caswell  
Industrial Wastewater Permitting  
SC Department of Health and Environmental Control  
2600 Bull Street  
Columbia, South Carolina 29201-1708  
via email: [caswelbm@dhec.sc.gov](mailto:caswelbm@dhec.sc.gov)

**RE: Corrective Action Plan Results  
King Tract – Southern Mine GP1-002089  
Portion of TMS #625-00-00-007  
Awendaw, Charleston County, South Carolina**

Dear Mr. Caswell:

Pursuant to the prior submitted and approved Corrective Action Plan (CAP) for the existing general permit area of the King Tract-Southern Mine (GP1-002089), the following information is being transmitted regarding implementation of the plan. Per the CAP, the GP site was augmented on 04/20/20 for pH sampling per the following practices:

- lime treatment of the existing GP mine area (direct treatment to surface water)
- lime treatment of the existing sediment retention basin (direct treatment to surface water)
- broadcast lime treatment to the bank of existing GP mine area

Prior to the site augmentation, an initial pH sample was collected from the existing pit with a result of 4.69 pH. Site augmentation was then implemented by the application of the lime to the above referenced areas via a tractor with a PTO-driven broadcast spreader. Upon completion of the lime application and a period of settling another pH sample was collected from the existing pit with a result of 7.46 pH which is within the acceptable range specified in the prior issued pH violation(s). Attached is photograph documentation of the application implementation as well as the sampling results.

At your earliest convenience, please process the information and update the existing project file. Please contact me at (843) 810-3311 with any questions regarding this material, or if you require any additional information. Thank you for your continued assistance with this project.

Sincerely,

Judson A. Goff

Attachments: Photo documentation of Implementation of Corrective Action Plan



Photo 1: Tractor and Spreader utilized for application of Lime (04/20/20).



Photo 2: View of packaged Lime that was applied to GP Mine area side slopes and surface water perimeter (04/20/20).



Photo 3: Pre-application of Lime pH Sample results from pit (04/20/20).



Photo 4: Post-application of Lime pH Sample results from pit (04/20/20).

**Corrective Action Plan Photos**  
**King Tract – Southern Mine General Permit Area**  
**Portion of TMS #625-00-007**  
**Awendaw, Charleston County, South Carolina**

