

**New Elk Preparation Plant  
Annual Report and Certification**

**MSHA Ponds**

**Reporting Period: 2019**

**Inspection Date: 12/10/2019**

**MSHA Mine ID#: 05-04461**

**Impoundment ID: 1211-CO-09-0296-04**

**1. Describe any changes in the geometry of the impounding structure:**

**None**

**2. Describe the location and type of installed instruments and the  
Maximum and the minimum readings of each instrument:**

**Periodic Differential Level Surveys**

**3. Embankment Elevations:    Toe: 7428.0            Crest: 7459.0  
   Primary: 7451.0    Emergency: 7452.0**

**Water Levels as Surveyed:    Minimum: 7428.0    Maximum: 7434.0**

**Calculated Depth:            Minimum: 0            Maximum: 6.0**

**As required by 30 CFR 77.216-4(a)(3) the minimum, maximum, and the present  
depths of water and sediment as determined by level surveys are:**

	<b>Water Elevation</b>	<b>Depth</b>	<b>Sediment Elevation</b>
<b>Minimum:</b>	<b>7428.0</b>	<b>0</b>	<b>7428.0</b>
<b>Maximum:</b>	<b>7434.0</b>	<b>6.0</b>	<b>7428.0</b>
<b>Current:</b>	<b>7431.0</b>	<b>3.0</b>	<b>7428.0</b>

**4. The storage capacity for the impoundment is approximately: 16.75 ac.ft.**

5. Current volume of impounded water: 0.5 ac.ft.

6. Describe any other changes which may have affected the stability or operation of the structure that has occurred: None

I certify that the impoundment is being operated and maintained in accordance with the approved Plan. To the best of my knowledge this report is correct and complete.

James F. Begano 12/10/19 Charles W. McGlothlin 12/17/19

James F. Begano  
Inspector

Date

Charles W. McGlothlin  
Professional Engineer

Date

