

Bear Run Phase 6 Treatment System
SRI O&M TAG Project #34 Request #1
OSM PTS ID: PA-311

Requesting Organization: Indiana County Conservation District
Receiving Stream: Unnamed tributary to South Branch Bear Run
Watershed: Bear Run
Municipality/County: Banks Township, Indiana County.
Latitude/ Longitude: 40°51'31.4028"N / 78°49'1.1532"W

The Bear Run Phase 6 treatment system was constructed in 2012 and consists of one "Swedish Bucket" lime silo doser which adds hydrated lime to an unnamed tributary of the South Branch Bear Run.

On 12/4/14, Adam Cotchen of the Indiana County Conservation District (ICCD) requested assistance for the Bear Run Phase 6 system. Adam reported that the lime silo was clogged with hardened lime due to a previous issue with water flooding the silo. On 12/10/14, while in the area to address maintenance issues at the Bear Run Phase 1 project, BioMost Inc (BMI) visited the site. The lime silo was inspected, and BMI used a power snake to try to clear the blockage. Unfortunately, the power snake was ineffective in breaking up the cemented lime. The ICCD then contacted the manufacturer who provided recommendations to remove an observation panel that then allowed them to access and carefully remove the hardened lime manually.



The Bear Run Phase 6 lime doser had become plugged with hardened lime caused by a previous flooding event. An attempt to clear the blockage with a power snake was ineffective. The lime had to be removed by hand through a removal observation panel.