

**Project Goals** - The Blacks Creek Pond Construction Project consists of the construction of a dewatering and storage pond upgradient of the existing BC16 and BC19/19B mine water treatment systems. The pond was situated to utilize existing stormwater diversions in the form of a grass-lined diversion ditch and road ditch along Porter Road. The pond will be used to dewater and store accumulated solids (precipitates and excess vegetation) from the nearby BC16, BC19/19B, and McIntire treatment systems on an on-going as-needed basis. Fluid can be pumped into the pond from the three systems where the solids will be allowed to settle, and the dewatering device used to drain clarified water back into the existing BC16 mine water treatment system before discharging into an unnamed tributary of Blacks Creek. As part of this project, the existing BC19/19B treatment system was cleaned and material pumped to the new pond. Photos of the pond and BC19/19B system are included below.

**Project Timeframe** – October 1, 2017 through June 30, 2022

**Project Goals** - The goal of the project was to design, permit, and construct a new dewatering and storage pond, clean the existing BC19/19B mine water treatment system, and sample Blacks Creek and the BC19/19B treatment system.

**Pictures** –



**Project Results** – The project effectively designed and permitted the Blacks Creek dewatering and storage pond with construction completed in June of 2022. In the same month, the BC19/19B treatment system was cleaned, removing accumulated solids that were dewatered and retained in the newly constructed pond. Post construction water sampling and as-built surveys were conducted in late June of 2022 soon after the completion of construction activities.

**Project Costs** - \$135,000 EPA Section 319(h) plus an additional \$41,854 in match funds.

**Partners** – Biomost Inc. and Stream Restoration Inc.