

## *Final Report*

resource impacts. More information regarding this effort can be viewed at <http://northfloridawater.com/>.

Mr. Zwanka reviewed files related to Nutrien files and stated that there have been no issues with the consumptive use water permits.

FDEP – Wetlands Resource Permit No. 0144913-003 and 0144913-021 and Conceptual Reclamation Plan HC-CRP(C), HC-CRP(D), and HC-CRP(E)

The FDEP OCULUS system was queried for compliance issues. Below is a summary:

- Complaint Investigation - July 07, 2021. On March 10, 2021, the FDEP received a complaint from Mr. Neal Martin regarding the flooding of the Bull Bay wetland, a property adjacent to his home and adjacent to Nutrien's Hamilton County Mine. FDEP Mining and Mitigation Staff conducted a site inspection of the property on March 22, 2021. The complaint asserts that Bull Bay, a large hourglass shaped forested wetland of more than 200 acres flows to the north/northeast and the Hamilton County Mine has blocked the flow to the north/northeast, has backed up water in the wetland and has caused flooding and tree mortality throughout the site. FDEP concluded that "The cause of tree mortality within the northern portion of Bull Bay is not clear due to the sporadic mortality in the canopy and across age class.
- Complaint Investigation - August 12, 2019. On January 15, 2019, the FDEP received a complaint from Mr. Chris Williams regarding the flooding of his home at the 6157 US-41, Jasper, Florida. Mr. Williams claimed that PCS Phosphate-White Springs (PCS) recently connected reclamation in the Bell Creek drainage basin, causing flooding of his property. FDEP Mining and Mitigation Staff conducted a site inspection of the residence on May 1, 2019. The Department determined that the complainant's home was not built within wetlands, however, it appears to be a low-lying area with adjacent areas having wetland characteristics. The area appears relatively flat with little topographic gradient. The increase in elevation along the bottom of the flow path could indicate the fill material is capable of backing up water to an elevation that matches or exceeds the existing elevation where Mr. Williams' house sits. It is noted that approximately 1.5 inches of rainfall in November and 4 inches of rainfall in December, were recorded by the National Weather Service gauge in nearby Jasper, Florida. In addition to the drainage blockage, this exceedance in rainfall may have resulted in flooding not typically observed at Mr. Williams' home.
  - A follow-up email to FDEP on April 18, 2022, requested samples constituents for chemicals related to phosphate mining and chemical plant waters (RA-226 and 228, sulfates, phosphates, fluoride, and nitrates).