

Final Report

LHC staff conducted a site visit and telephone interviews with Marisa Rhian, Program Administrator, and Evan Martin, Environmental Specialist III regarding the Wetlands Resource Permit Nos. 0144913-003 and No. 0144913-021 and Conceptual Reclamation Plan HC-CRP(C), HC-CRP(D), and HC-CRP(E).

Wetland Resource Permit No. 0144913-003 (Mine-wide) issued March 31, 2003, incorporated Roaring Creek (0144913-001), Cabbage Head (0144913-002) and Swift Creek (241341569) permits. The expiration date for WRP No. 0144913-003 is life of the mine.

Conceptual Reclamation Plan PCS-HC-CRP(E), approved by FDEP February 2017, resulted from PCS decision to eliminate a planned clay settling area (26/25 SC) and a change a parcel that was identified as industrial in CRP(D) to a conventional mine reclamation parcel (PCS-HC-SC(21)).

Nutrien–White Springs is in compliance with Wetlands Resource Permit No. 0144913-003 and No. 0144913-021 and Conceptual Reclamation Plan HC-CP(C), HC-CP(D), and HC-CP(E).

Variance from Swift Creek Phosphogypsum Reclamation Standards

PCS received a permit variance on June 2, 2008, for Wetlands Resources Permit No. 0144913 which provides a variance from minimum reclamation standards in order to allow continuing industrial use at portions of the Swift Creek phosphogypsum stack reclamation areas. This permit variance is permanent.

Mine-wide Variance from Minimum Dissolved Oxygen Concentrations

PCS received a permit variance on November 30, 2012, from Wetlands Resources Permit No. 0144913 which provides for variance from minimum standard for dissolved oxygen levels in surface waters; Rule 62-302.530(30) F.A.C. This variance only applies to dissolved oxygen levels in the hypolimnia, the deepest layers, of reclaimed phosphate mine pit lakes within the mining footprint. The dissolved oxygen levels in the hypolimnia of the reclaimed phosphate mine pit lakes are expected to drop below the mandatory concentration of 5.0 mg/L. The low dissolved oxygen levels are not expected to result in any on-site or off-site impacts. This permit variance is permanent.

FDEP – Domestic Wastewater Permit No. FLA011633, FLA011626, FLA011627, and FLA187712.

LHC staff conducted a telephone interview with Mr. Herndon Sims, Engineer Specialist Wastewater Compliance Evaluation Section, to review the status of three active domestic wastewater permits (Permit No. FLA011633, FLA011626, FLA011627, and FLA187712) obtained by Nutrien–White Springs. A query of an internal FDEP database consisting of discharge monitoring reports, inspection letter, and relevant