volumetric calculations or hydrologic modeling that the mine pit or reclaimed created lake will have sufficient capacity when operating at the average annual water elevation (normal pool) for the storage of direct runoff and rainfall for the 25-year, 24-hour design storm event. If the proposed project will result in waters of the state in the post-reclamation condition, provide reasonable assurance that the surface water quality standards will be met. N/A

o. ☒ Identify the classification(s) (e.g. Class F-1, G-1, G-II, G-III and G-IV) of the groundwater in the proposed project area and immediate vicinity according to the designated uses provided in Rule 62-520.410, F.A.C.

p. ☐ Provide the names, locations, and storage conditions for any chemicals that will be stored onsite. This includes all pH adjusters, water conditioners, and other material that will be used in the process water. Additionally, include how the chemicals will be utilized, e.g. blasting, vehicle maintenance, vegetation maintenance, and process water treatment. Identify separate containment areas on the construction plans that meet the requirements of the applicable Applicant's Handbook, Volume II for equipment maintenance and the storage of petroleum and hazardous substances. N/A

q. ☐ For previously-mined lands that are proposed for construction, provide the following:
    1. ☐ Bathymetric map for each existing lake. N/A
    2. ☐ Identify the existing lakes to be excavated deeper and the proposed maximum depth of excavation.
    3. ☐ Identify any onsite lake that has penetrated a confining layer between the water table aquifer and a deeper aquifer.
    4. ☐ Provide a discussion of the existing site-specific geology (including sand tailings, waste clay disposal, and overburden deposition and orientation, if known) and aquifers and aquitards.

r. ☒ Provide all of the known historical and current activity information for the project area, such as specific crops grown, vehicle maintenance, waste disposal, and indicate the aerial extent of each activity on a plan map. Provide soil sample quality data, a summary of the soil characterization procedures, and sampling results. The applicant is strongly encouraged to arrange a pre-application meeting prior to performing soil sampling activities.

s. ☐ Provide a hydrological analysis, as applicable, for proposed wetland mitigation (excluding permitted mitigation banks). If applicable, provide input and output GIS data layers in digital format that were used in the hydrological analysis. Provide the relevant metadata, including data sources and map projection systems. Input and output data tables, such as Excel, Access, or a similar format should also be provided in digital format. The hydrological analysis shall evaluate the wetland types and appropriate hydroperiods, historical and proposed hydrologic conditions, including whether the wetlands were perched, surface water dependent, seepage dependent, or groundwater-supported. Propose monitoring locations for piezometers and staff gauges, construction details, the measurement frequency, the data collection methodology, and reporting format. N/A

t. ☐ Applicants that elect to use alternative wetland mitigation associated with the mining of high-quality peat, in accordance with Section 373.414(6)(e), F.S., shall provide all information required by Chapter 62-348, F.A.C. N/A

u. ☐ If onsite and/or offsite applicant-responsible mitigation is proposed, submit a cost estimate for completing the mitigation, including monitoring and maintenance, as required by Section C of the application. For phosphate and limestone mines only, mitigation costs shall be presented as provided by Section 373.414(19), F.S. If the proposed mitigation costs exceeds $25,000, provide draft financial assurance documents, as required by Section C of the application. N/A

v. ☐ For phosphate and heavy mineral mines, provide, within the footprint of the current ERP application, the number of acres of land mined before July 1, 1975; land mined from June 30, 1975 to the present; land to be mined; land disturbed before June 1, 1975; land disturbed from June 30, 1975 to present; land to be disturbed; land to remain undisturbed; and the sum of these acres. N/A

w. ☐ For fuller's earth mines, provide, within the footprint of the current ERP application, the number of acres of land mined or disturbed before July 1, 1975; land mined or disturbed from July 1, 1975 to October 1, 1986; land mined or disturbed from October 2, 1986 to present; land to be mined or disturbed, land to remain undisturbed; and the sum of these acres. N/A