the assumptions, scope of the analysis, the source(s) of the data used in the calculation(s) and the name of the computer model or program, if used. If applicable, provide input and output Geographic Information System (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. NOT APPLICABLE NO WETLANDS

2. ☐ For a proposed water elevation maintenance system, such as a recharge system, provide a plan view drawing of the system indicating the source and routing of the water; a cross section drawing of the hydration system, injection well, or recharge ditch in relation to features such as the mine-cut face, cast overburden/seepage face, the ground surface, the overburden and matrix layers, and the water table; and a monitoring and maintenance plan for the system. N/A

f. ☐ Provide a water level monitoring plan for any avoided wetlands and other surface waters adjacent to the proposed project boundary or excavation. The monitoring plan shall include a staff gauge and/or piezometer location map, monitoring instrumentation, data collection methods, data recording and/or downloading frequency, available remedial measures, a typical gauge/piezometer schematic and datum, and reporting frequency and report contents. Propose a monitoring period that starts prior to mining and ends after the completion of reclamation. N/A

g. ☒ Identify public water supply wells within 1000 feet of the proposed extraction area. Identify the wellfield cone of depression, if available, well depths and screen or open-hole intervals, and source of information for public water supply wells.

h. ☒ To the extent possible, through publically available information and field reconnaissance from the project boundary, identify private water supply wells located within 1000 feet of the proposed extraction area. This shall not be construed to require trespassing on the property of others. Provide the well construction details, if available.

i. ☐ Provide ambient surface water and groundwater quality characterization for the proposed project for intervals extending to the proposed depth of mining. The applicant is strongly encouraged to arrange a pre-application meeting prior to performing monitoring well installation and water quality sampling activities. N/A

j. ☐ If the proposed project site is located within a mile of a karst-sensitive area, a springshed, other karst features, or a public supply wellfield, submit a geotechnical assessment report, which includes a location map of these features. Provide information about site grading or other stormwater management practices designed to direct runoff from any areas that are potential sources of pollutants into stormwater treatment areas that are designed, constructed, operated, and maintained in compliance with the requirements of the applicable Applicant's Handbook, Volume II, prior to any discharge to the mine excavation. N/A

k. ☐ If a floating dredge will be used, specify the approximate depth and area that will need to be excavated before the dredge will become operational. Describe the initial excavation method, including the approximate length of time from initiation of excavation to the time that the floating dredge will become operational. If temporary dewatering will be conducted, please provide the projected drawdown of the water table in the avoided wetlands. If necessary based on the results, provide protective measures such as the construction of recharge ditches. Describe any measures that will be used to manage the extracted water. N/A

l. ☐ If the water table will be augmented to use a floating dredge, specify the water source (e.g. offsite recycled wastewater) and pumping and conveyance system details. N/A

m. ☐ If the proposed project area is in the watershed of a first order stream (headwater), second order stream, etc., of a river where Minimum Flows and Levels (MFLs) have been established, provide a water quantity simulation representing the peak severance/dewatering conditions to demonstrate that the proposed activity will not contribute to violations of the established MFLs. N/A

n. ☐ Following reclamation, if a mine pit or reclaimed created lake will connect to offsite wetlands or other surface waters during storms less than the 25-year, 24-hour design storm event, or if the water body will have more than one property owner, then the water body meets the definition for "waters of the state". Waters of the state must meet the surface water quality standards of Chapter 62-302, F.A.C. To demonstrate the absence of such a connection, the applicant must show through