

the name and a description of the model, the input and output data, and a justification for the model selected. N/A

- k.  If the receiving waterbody is known to be impaired, and/or has an established Total Maximum Daily Load (TMDL) or Basin Management Action Plan (BMAP), provide specific descriptions of all water quality parameters for which the waterbody is known to be impaired. Provide reasonable assurance that the proposed project will not contribute to violations of state water quality standards for TMDLs in accordance with the applicable Applicant's Handbook, Volume II. N/A
- l.  If the proposed project will have a direct discharge to a Class I, Class II, Outstanding Florida Waters (OFW), or Class III waters that are approved, conditionally approved, restricted, or conditionally restricted for shellfish harvesting, provide additional water quality treatment in accordance with the applicable Volume II. N/A

#### **Part 4: Construction Schedule and Techniques**

Provide a construction schedule and a description of construction techniques, sequencing, and equipment. This information shall include, as applicable, the following.

- a.  Access and staging of equipment.
- b.  Location and details of the temporary erosion, sediment, and turbidity control measures to be implemented during each phase of construction and all permanent control measures to be implemented in post-reclamation condition.
- c.  A demolition plan for any existing structures to be removed. N/A
- d.  Dewatering plan details. Provide the dewatering location(s), methods to contain the discharge, methods of isolating dewatering areas, the period of time the dewatering structures will be in place, and the hydrologic monitoring plan. Contact the appropriate water management district regarding the need and requirements for a Consumptive Use or Water Use permit for dewatering. N/A
- e.  Methods for transporting equipment and materials to and from the work site. If barges are required for access, provide the low water depths and draft of the fully loaded barge.
- f.  Describe the measures that will be taken to protect and secure monitoring wells, piezometers, and staff gauges during mining and reclamation activities so that they will be available for water quality and/or quantity sampling through the duration of the permit. Also, describe how the elevations of the monitoring equipment will be surveyed and a schedule, if the elevations will be intermittently confirmed. N/A
- g.  Identify the schedules and parties responsible for completing hydrologic and vegetative monitoring, record drawings, and as-built certifications for the proposed project when completed. N/A
- h.  Provide a detailed "Erosion and Sediment Control Plan" in accordance with the requirements of the Applicant's Handbook, Volume I, Part IV, Erosion and Sediment Control.
- i.  Provide the projected production and disposal schedule for waste materials, such as waste clay, humate, and tailings, by year and location. Provide the total storage capacity for each disposal location and the remaining capacity (if it is an existing disposal location). N/A
- j.  Provide a production and utilization schedule for the backfill materials to demonstrate that there is sufficient backfill material available to construct the proposed post-reclamation elevations.

#### **Part 5: Operation and Maintenance and Legal Documentation**

- a.  Describe the overall maintenance and operation schedule for the proposed system.