

4. *Also, regarding the proposed new mining units in the preceding paragraph, please include a clear identification of the upland source of fill dirt proposed to be utilized in the reclamation, if this is the type of reclamation proposed.*

**Submitting a new map series showing the Location of Premining Uplands identified to source fill dirt proposed to be used as Wetland Mitigation Fill for reclamation of PCS-HC-HC (13) and PCS-HC-RCS (18) & (19).**

5. *Proposed new Reclamation Units PCS-HC-RSC(18), (19) and (20) are all adjacent to, or in close proximity to, the regionally significant Bee Haven Bay wetland system, as well as other offsite wetlands. Please provide a description of the measures to be taken minimize impacts to these important offsite wetlands, including, but not limited to, measures directed to preventing adverse impacts to groundwater hydrology in the surficial aquifer in order to prevent dewatering adjacent and nearby wetlands.*

**To prevent hydrologic impacts to the regionally significant Bee Haven Bay wetland system as well as other “offsite” and onsite wetlands, a network of piezometers will be installed along the project boundaries of PCS-HC-RCS(18), (19) & (20) and will be continuously monitored to ensure groundwater levels remain at desired elevations. Water levels in the primary drainage ditch will be maintained to sufficiently rehydrate the surficial groundwater. Mined pits will be allowed to partially refill, which increases the surficial groundwater and reduces the cone of depression. Additionally, best management practices will be utilized during construction to prevent water quality impacts to offsite wetlands.**

**Methods to contain turbidity may include the use of staked filter cloth, silt-control polymers, sodding, seeding, mulching, and the deployment of turbidity screens around the immediate project site, as appropriate for each disturbance area. Erosion and turbidity control devices will be inspected and maintained on a regular basis during all phases of mining operations and reclamation. Existing vegetative cover and relatively flat topography across the property help to prevent erosion in undisturbed areas. Disturbed lands adjacent to the avoidance areas will be integrated into the natural, undisturbed landform to enhance and complement the existing natural resources.**

6. *Proposed new Reclamation Unit PCS-HC-HC(13), Alternative #3, the preferred alternative from the above referenced Alternatives Analysis, includes approximately 105 acres of avoidance area comprised primarily of wetlands to be preserved from mining. Please provide a description of the measures to be taken minimize impacts to these important on-site wetlands, including, but not limited to, measures directed to preventing adverse impacts to groundwater hydrology in the surficial aquifer in order to prevent dewatering these avoided wetland areas.*

**To prevent hydrologic impacts to the undisturbed onsite wetlands within PCS-HC-HC(13), a network of piezometers will be installed along the project boundary and will be continuously monitored to ensure groundwater levels remain at desired elevations. Water levels in the primary drainage ditch will be maintained to sufficiently rehydrate the surficial groundwater. Mined pits will be allowed to partially refill, which increases the surficial groundwater and reduces the cone of depression. Additionally, best management practices will be utilized during construction to prevent water quality impacts to onsite wetlands within the avoidance areas.**