Dear Mr. Campbell,

We have the following comment in addition to the previous LCRA comments.

1. General Requirements
   
a. U1 – If the ponds are to stay permanently who will manage the long-term maintenance once the rest of the site is restored? The ponds can be restored with the rest of the site if desired.

2. Erosion/Sediment Control
   
a. U1 – Specify in the Sequence of Construction when the bioretention pond is to be installed. The bioretention pond needs to be installed after construction grading activities have ceased and have been stabilized for daily processing plant operation.

3. Water Quality Management
   
a. U1 – Provide details for the proposed outfall at each settling pond. Include locations of primary and secondary spillway, inverts of outfalls, call out the 100-year water surface elevation in each pond profile. Provide construction details for all aspects of the pond outfalls.

b. U1 – Provide construction details for the proposed weir plates for each pond. What is the design drawdown time in each pond? Where is the weir plate located? Provide construction details for the weir plate construction and installation.

c. U1 – The construction plans indicate that stormwater runoff will be co-mingled with industrial processing water and discharged into Lake LBJ. Please divert stormwater runoff around the proposed industrial processing ponds to prevent potential overflows and discharges to Lake LBJ. Please update the plans to better define the design storm events (it appears that the 100-year modeling is using the 10-year storm data), riser structure/weir overflow design approach and details, storm drain outfall design in a non-erosive manner, and hydrologic routing between the three proposed industrial processing ponds. It appears that the industrial pond routing analysis did not consider the inflow from the proposed sand and gravel processing plant that could keep the basins full during operations, thus, having no available storage volume for stormwater runoff, thus, the need to divert stormwater runoff around the process water ponds.

d. U1 – Provide construction details for settling pond outlet return pipe. Include pipe size, slope of pipe, velocity at outfall, outfall end treatment design, permanent erosion control at outfall, etc.
Please provide information regarding the item above with the other comment responses by June 24, 2023.

If you have any questions about these comments, please call me at (512) 578-7633, or contact me by e-mail at Blake.Allison@lcra.org

Thank you,

Blake Allison

Water Quality Protection