
Appendix F

From: [Jason Smith](#)
To: [Elisa Sabatini](#)
Cc: [htschudin](#); [Jesse Yang](#); [Matt Keasling](#)
Subject: Shifler Mining only North of the Moore Canal Alternative Suggestion
Date: Wednesday, March 31, 2021 6:49:29 PM

Good Evening Elisa,

On January 21, 2021, the Yolo County Planning Commission held a public hearing for the purposes of receiving public comments on the Draft EIR for the Teichert Shifler Mining and Reclamation Project. During that meeting, a Planning Commissioner suggested mining only the northern portion of the project site, to the north of the existing Moore Canal. The apparent basis for this suggested alternative was his assertion that the soils to the south of the canal constituted prime farmland, whereas the soils to the north were not as good quality farmland.

Per the County's request, Teichert has assessed the feasibility of the suggested alternative. Mining only the portion of the mining area to the north of Moore Canal would reduce the size of the proposed mining area from approximately 277.1 acres to only 64.7 acres, as shown in DEIR Figure 3-6. This represents a nearly 77% reduction in the mining area. Moreover, it is estimated that reducing the mining area to only that area to the north of the canal would reduce total saleable reserves from approximately 35.25 million tons to approximately 7 million tons, an 80% reduction. By providing for only approximately 7 million tons of saleable reserves, this alternative would only provide enough reserves for an additional 5 to 10 years of life at the Woodland Plant, depending on market demand.

Teichert considers this alternative to be financially infeasible, because it would not provide enough saleable reserves or operational life to fully amortize the cost to permit, comply with conditions of approval and mitigation, and commence mining operations on the site.

Moreover, the proposed alternative would not achieve the following project objectives outlined on pages 3-10 of the DEIR:

- Project Objective 1: Permit an additional 277± acres of permitted mining area with approximately 35.25 million tons sold (41.6 million tons mined) of Portland Cement Concrete (PCC) grade aggregate reserves for mining and processing at Teichert's Woodland Plant for a period of 30 years.
- Project Objective 2: Extend the life of the existing Woodland Plant consistent with the requested 30-year life of the Shifler mining permit and allow the facility to continue to operate as need meet market demand.

For these reasons, Teichert considers this alternative suggestion to be infeasible.

Moreover, it should also be noted that the assumption that the northern portion of the project site is of lesser quality agricultural land than the southern portion is not supported by the NRCS soil mapping of the site. As shown on Figure 4.2-1 of the DEIR, the bulk of the area to the north of the canal is composed of Yolo silt loam (Ya), the same Class I soil type that makes up nearly all of the area to the south of the canal.

Please let us know if you need additional information regarding this matter.

Jason

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