

OLSSON RESPONSE – 11.07.2023

1. Sheet C1059: Please see comment #1 below. This comment was not addressed. The emergency spillway crest elevation is called-out as 1011.04, and the 100 year WSE is called-out as 1010.75. There is insufficient freeboard of 0.5 feet.

A request for a waiver has been included in this submittal.

2. Sheet C1059: Elevation callouts on Sheet C1059 within the plan view for the detention basin were not updated with as-built elevations. For example, 100 year WSE is shown as 1010.80 on the plan view, but the emergency spillway detail shows an as-built 100 year WSE of 1010.75. Another example is the emergency spillway elevation callout shows 1011.30 on the plan view, but the emergency spillway detail calls-out an as-built elevation of 1011.04. Please reconcile all elevations to avoid discrepancies.

The plan views have been updated to match the emergency spillway information.

3. Sheet C1060: Top of dam elevation is called-out in emergency spillway detail as 1002.95, but the overflow WSE is shown as 1002.29. A minimum of 1.0 feet of freeboard is required from the 100 year clogged condition/zero available storage and the top of dam, but only 0.66 feet is provided according to the as-built. Please respond how this will be addressed.

There was incorrect information shown on the original design. The values have been corrected in the as-builts. There was sufficient freeboard.

4. Sheet C1060 and Sheet C1061 Please see comments above concerning lack of reconciliation with plan view elevations for top of dam, emergency spillway, and 100 year WSE. None of these elevations reconcile. All elevations should reconcile with each other. Please evaluate and revise as appropriate.

The plan views have been updated to match the emergency spillway information.