



MEETING MINUTES

PROJECT: Water Treatment Plant	PAGE: 1 of 2
OWNER: City of Long Beach	PROJECT NUMBER: 08856
MEETING DATE: 8/10/10	CONTRACTOR: Rotschy, Inc.

PRESENT: Dan Naughton, PACE
Dave Wiebe, PACE
Jake Binoin, City of Long Beach
Casey Danforth, Rotschy

1. COMMENTS ON PREVIOUS MEETING:

- No discussion.

2. SCHEDULE:

- Casey provided the attached three week schedule,
- Rotschy will be pouring the CIP lid, pipe trench slab, chlorine dioxide slab, main impoundment slab, and Dohman impoundment slabs on 8/11.
- Rotschy anticipates pouring the trench slab walls on 8/18.
- Rotschy anticipates that they will be back on schedule by the time CMU will begin on 9/13.
- A WTP slab-on-grade reinforcing steel structural observation is tentatively scheduled for 8/27.

3. SUBMITTALS:

- No discussion.

4. RFI'S:

- No discussion.

5. PROPOSED CHANGE ORDERS:

- No discussion.

6. CONSTRUCTION ISSUES:

- Contech repaired the clearwell leaks on Monday, 8/9. Per Jake and Casey, the leak repairs were effective and no further leaking water was visible. Casey took photos of the leak repairs and will forward them to PACE. Per Contech, the leak repairs could be covered immediately with coal tar. Casey applied the coal tar on Monday, 8/9.
- Rotschy intends to begin backfilling against trench slab walls on 8/20. As the walls will only be 2-days old and will not have achieved the required strength for backfilling, Rotschy will leave the interior formwork in place and provide sufficient bracing to accommodate backfill placement. Hand compaction will be required within 3' of the pipe trench walls.
- Per the geotech report, anticipated organics depth was 1 to 1-1/2 feet. Actual stripping depths for the pond construction was on the order of 2-1/2 to 3 feet. The increased stripping depths are cause for concern as there may not be sufficient material available on site to complete the pond construction. Several alternatives were discussed including possible borrow locations or increasing the footprint of the infiltration pond to generate excess material.
- Due to weather, the existing soils are not drying out as anticipated. All parties have been hopeful that a good weather period would arrive that would dry out the existing soils. Unfortunately, this has not occurred. It is now mid-August and if pond construction is delayed any further, the concern is that the pond construction will not be complete before the fall rains arrive. In-situ moisture contents are in the neighborhood of 50%, which is well above optimum of approximately 35%. This is cause for concern as compaction will be extremely difficult to achieve on the pond embankments. Several alternatives were discussed including utilizing the material excavated from the CIP/EFM tank and clearwell for pond embankment construction, however, this material is also required for backfill against the CIP/EFM tank and clearwell. Another possible alternative would be to reduce the required compaction for the pond embankment construction with approval from the geotechnical engineer. The next course of action is that Rotschy will complete some test embankments with varying materials on 8/11 and Carlson will also be on-



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site to determine the level of compaction achieved.

- The City has requested that the Dohman generator be relocated to behind the Dohman controls building. PACE is in agreement with this revision. Monte Givens, the Pacific County building inspector should be consulted regarding required clearances between the controls building and the generator.

7. CONTRACTOR CONCERNS:

- No discussion.

8. ENGINEER / CITY CONCERNS:

- No discussion.

9. Q & A:

- No discussion.

