

Date January 2024

Job No. 1034-03-08

Taken by. -

Client City of Kalgoorlie - Boulder

Project South Boulder WWTP Inlet Works

**PHOTOGRAPHIC RECORD; refer drawing 1034-03-08-DWG-001.1**

**TEMPORARY WORKS**



PLATE 1: Existing sewer access chamber T1 for Works isolation and temporary pump install. Yellow line for approx. location of temporary pipe route including sleeve under road (viewing east to WWTP). Liquid waste carriers and operators will be directed to gate on right (south) of temporary pipe.



PLATE 2: Sewer access chamber T1 for Works isolation and temporary pump install area (viewing west to Goldfields Hwy). Contractor to secure as required.



PLATE 3: Side access gate is located south of main gate. Temporary pipe route (yellow) to ponds access chamber. This access chamber will also receive liquid waste disposals during the Works; entry and exit via side gate. This is outside of Site.



PLATE 4: Existing ponds access chamber. Manual lime dosing in place.



PLATE 5: Pipe route for temporary sewer diversion works.



PLATE 6: Alternative access road to southern gate, past solar array.

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**GENERAL SITE INFORMATION**



PLATE 7: Main entry gate (swipe card) to Site (view to south).



PLATE 8: Storage shed to north of entry gate (view to north). Concrete crossover to be protected or reinstated at completion. Blue line for approx. DN750 sewer pipe alignment. Low fence, solar panel and equipment on right to be disposed.



PLATE 9: Main access road and gate (view to west). Swipe card post (circled) to be relocated during Works. Existing inlet structure painted yellow.



PLATE 10: Existing inlet structure (view to east). Operations building at right. Blue line for approx. DN750 sewer pipe alignment. Low fence, solar panel and equipment on left to be disposed.



PLATE 11: Typical corrugated PE sewer pipe in Kalgoorlie; Existing DN750 assumed same. Pipe size and material to be verified on site.



PLATE 12: Swipe card post to be relocated during Works.

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PLATE 13: Existing inlet structure (view to west, shed in rear). Access road in foreground as used by liquid waste truck to existing hardstand (where truck is shown).



PLATE 14: Existing inlet structure, Blue line for approx. DN750 sewer pipe alignment and two (2) exiting DN600 outlets from the splitter chamber.



PLATE 15: Existing inlet structure (view top north). Light pole for relocation circled in black, instrumentation solar panel on pole to be decommissioned. Blue line for approx. DN600 sewer pipe alignment to existing liquid waste pit for removal and replacement DN600PE.



PLATE 16: Existing liquid waste pit. Decommission and dispose all equipment, and break out concrete structure. (refer decommissioning photos).



PLATE 17: View from shed crossover / entry gate to north. Existing truck hardstand on right to be retained for screenings bin. Existing IDEA step screen to the rear for decommissioning.



PLATE 18: IDEA plant inlet screen arrangement for decommissioning and bin to be relocated at completion of Works. (view to south). Currently offline – no sewage flows.

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PLATE 19: Existing truck hardstand to be retained for screenings bin. Location of new concrete pad for future filtration equipment in foreground (west of hardstand)



PLATE 20: East of existing hardstand. Light pole to be relocated, fence, bollards and guardrails to be disposed.



PLATE 21: Truck access route (view to north). Remove and dispose of fence.



PLATE 22: Truck access route (view to south). Protect bitumen surface during Works or reinstate.



PLATE 23: IDEA plant inlet screen pit for decommissioning (view to south).



PLATE 24: Existing WWTP Pond 1A with clay lining and rock armour for overflow pipe inlet (shown as yellow line). Currently full of water.

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**DECOMMISSIONING WORKS**



PLATE 25: Existing inlet structure concrete condition & casting layers visible (prior to yellow paint). DN750 inlet pipe at rear. Ultrasonic level sensor equipment and frame to be disposed, including cabling to solar panel and control cubicle on right (out of picture)

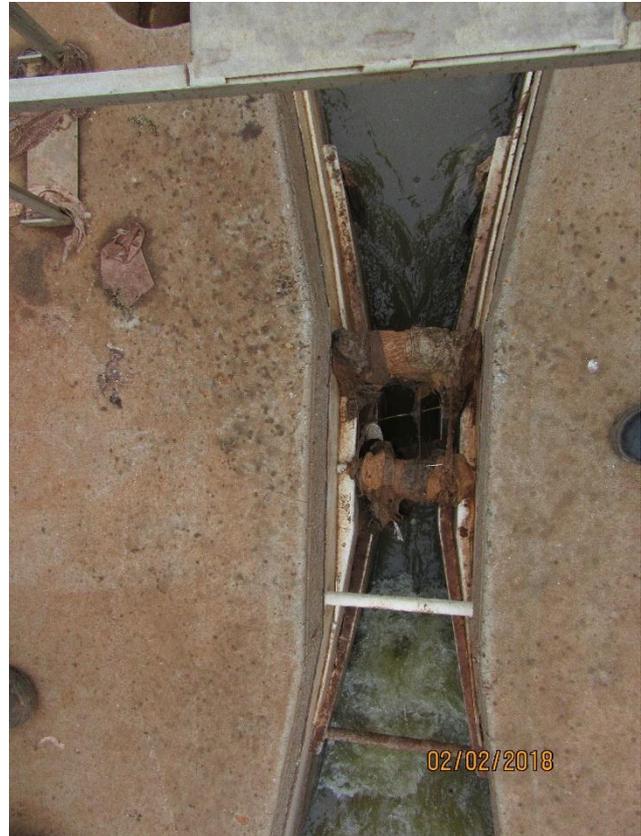


PLATE 26: Existing inlet structure Parshall flume for disposal.



PLATE 27: Existing inlet structure for decommissioning



PLATE 28: Existing inlet has splitter chamber at end. Flow to north / left (IDEA plant) is isolated with manual penstock in the chamber. All flow currently directed south / right to ponds.

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PLATE 29: Existing inlet splitter chamber – central pipe is decommissioned, right side (north) is isolated, left side (south) flows to ponds.



PLATE 30: Existing penstocks in splitter chamber for disposal.



PLATE 31: Existing IDEA plant step screen arrangement (view to west). Isolate water and electrical services. Relocate bin to existing hardstand at completion of Works. Dispose all other equipment.



PLATE 32: Existing IDEA plant step screen arrangement (view to east).



PLATE 33: Existing IDEA plant step screen arrangement (view to north).



PLATE 34: Existing IDEA plant step screen arrangement (view to south).

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PLATE 35: Existing IDEA plant step screen arrangement internal. Decommission and dispose all equipment, guardrails, etc. Break through concrete pit to install DN600PE to existing and backfill.



PLATE 36: Existing concrete liquid waste discharge pit. All guard barriers, signs and gate to be decommissioned and disposed.



PLATE 37: Existing liquid waste discharge pit and apron. To be excavated for replacement of DN600 pipe.



PLATE 38: Existing liquid waste discharge pit. All guard rails / barriers, signs and gate to be decommissioned and disposed.

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PLATE 39: Existing liquid waste discharge pit when isolated; pit currently has all sewer flows passing through – refer visible water mark. Desludge and dispose to WWTP sludge lagoons. DN600 AC pipe visible is connection point for new DN600 PE from new inlet structure. Break down concrete walls and backfill at completion of pipework.

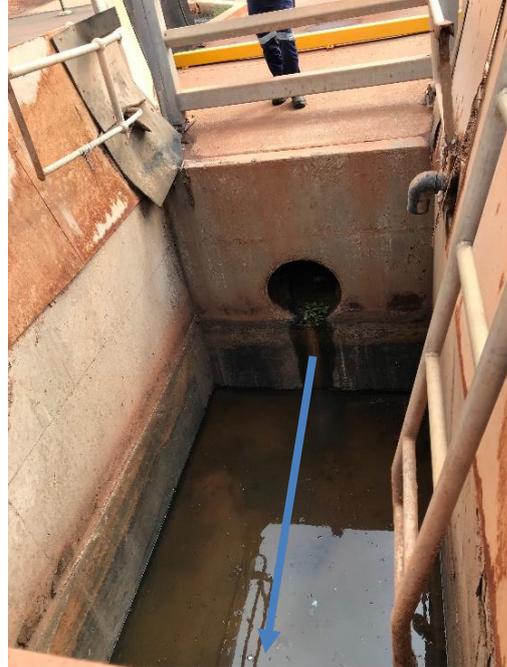


PLATE 40: Existing liquid waste discharge pit. Dispose of ladder. Visible pipe to be excavated and disposed.