

SITE PHOTOGRAPHY 2/9/15

Client; Goulburn Broken Catchment Management Authority

Project; Structural Assessment of Outlet Structures

Location; Hancock Creek Outlet Structure at Kotupna

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1. Levee Alignment



PHOTOGRAPH No.1. Looking west, upstream side.



PHOTOGRAPH No.2. Looking west, downstream side.



PHOTOGRAPH No.3.

2. Downstream Side from Above



PHOTOGRAPH No.4.

3. Upstream Side from Above



PHOTOGRAPH No.5.

4. Upstream Side



PHOTOGRAPH No.6.



PHOTOGRAPH No.7.



PHOTOGRAPH No.8.



PHOTOGRAPH No.9. Note longitudinal cracks along top of wingwalls.



PHOTOGRAPH No.10. Trash rack fixings have pulled out of the apron.



PHOTOGRAPH No.11. Note trash rack rails not attached to headwall?



PHOTOGRAPH No.12.



PHOTOGRAPH No.14. Subsidence behind wall above pipe no.2.



PHOTOGRAPH No.13.



PHOTOGRAPH No.15. Longitudinal cracking in wingwalls, note lifting point?



PHOTOGRAPH No.16. Note change in wall thickness on ends of headwalls.



PHOTOGRAPH No.17. Machine damage to headwall.

5. 1650 Dia. Pipe No.3 – from Upstream End



PHOTOGRAPH No.18.



PHOTOGRAPH No.19.

6. 1650 Dia. Pipe No.2 – from Upstream End



PHOTOGRAPH No.20.



PHOTOGRAPH No.21.

7. 1650 Dia. Pipe No.1 – from Upstream End



PHOTOGRAPH No.22. Longitudinal fracture in obvert of pipes.



PHOTOGRAPH No.23. Exposed reinforcement.



PHOTOGRAPH No.24.
8. 1650 Dia. Pipe No.2 - from Downstream End



PHOTOGRAPH No.25. Dis-jointed pipe.



PHOTOGRAPH No.26. Dis-jointed pipe.
9. 1650 Dia. Pipe – from Downstream End



PHOTOGRAPH No.27. Dis-jointed pipe.



PHOTOGRAPH No.28. Dis-jointed pipe.
10. Downstream Side



PHOTOGRAPH No.29.



PHOTOGRAPH No.30.



PHOTOGRAPH No.32. Note narrow kerb slots, 2 slots only 200mm wide.



PHOTOGRAPH No.34. East side of headwall concealed below stone.



PHOTOGRAPH No.31. Note severe erosion below kerb.



PHOTOGRAPH No.33.



PHOTOGRAPH No.35. West side of headwall has same extension and taper.



PHOTOGRAPH No.36. Lifting point?



PHOTOGRAPH No.38.



PHOTOGRAPH No.37. Wingwalls are straight.

11. Panorama Images



PHOTOGRAPH No.39.