

SITE PHOTOGRAPHY 1/9/15
Client; Goulburn Broken Catchment Management Authority
Project; Structural Assessment of Outlet Structures
Location; Loch Garry Outlet Structure at Bunbartha (2 of 2)

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1. North Abutment - Downstream



PHOTOGRAPH No.1.



PHOTOGRAPH No.2.



PHOTOGRAPH No.3.



PHOTOGRAPH No.4.



PHOTOGRAPH No.5.



PHOTOGRAPH No.6.



PHOTOGRAPH No.7.



PHOTOGRAPH No.8.



PHOTOGRAPH No.9.



PHOTOGRAPH No.10.



PHOTOGRAPH No.11.



PHOTOGRAPH No.12.



PHOTOGRAPH No.13.



PHOTOGRAPH No.15.



PHOTOGRAPH No.14.



PHOTOGRAPH No.16.



PHOTOGRAPH No.17.



PHOTOGRAPH No.18.

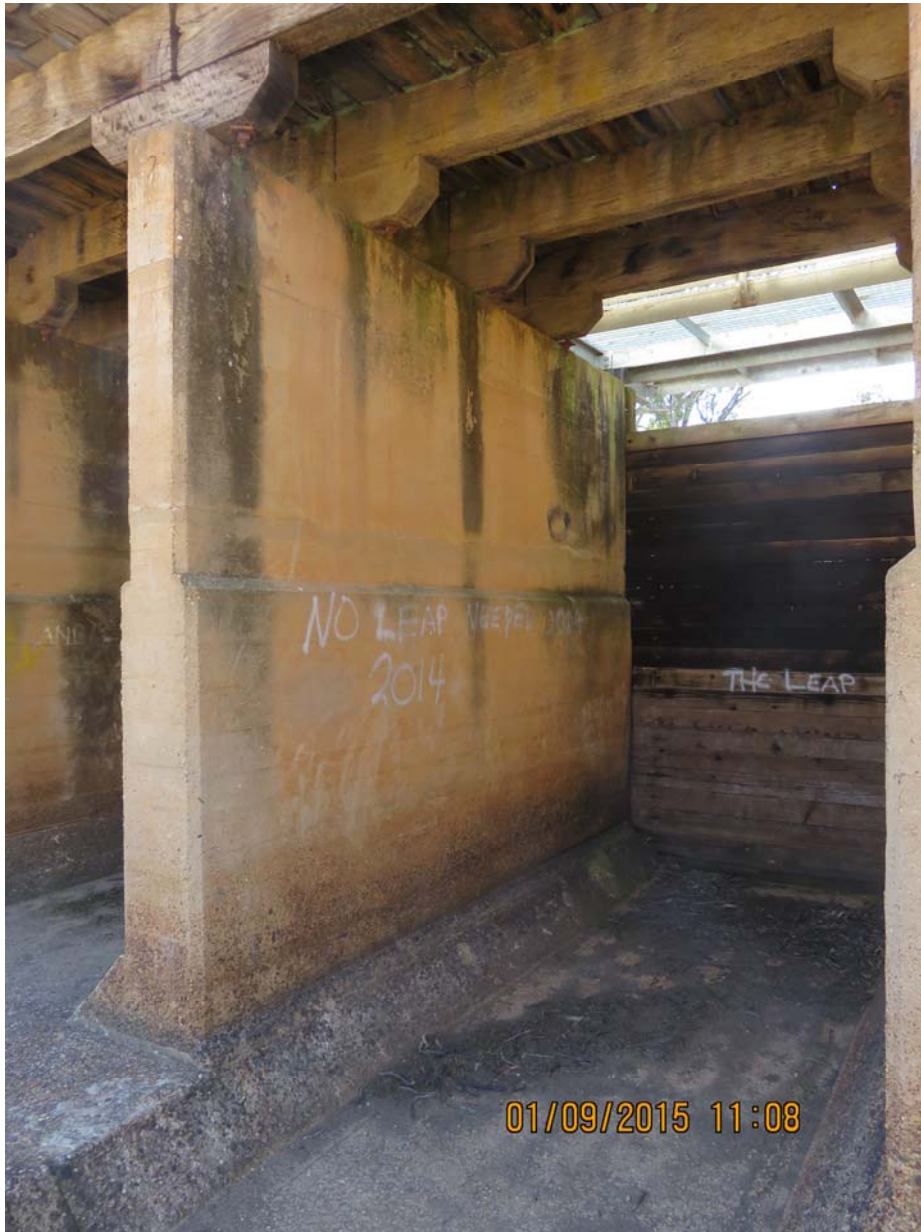
2. Individual Cells



PHOTOGRAPH No.19.



PHOTOGRAPH No.21.



PHOTOGRAPH No.23.



PHOTOGRAPH No.20.



PHOTOGRAPH No.22.



PHOTOGRAPH No.24.



PHOTOGRAPH No.25.



PHOTOGRAPH No.26.



PHOTOGRAPH No.27.



PHOTOGRAPH No.28.

3. Structural Defects



PHOTOGRAPH No.29. Exposed reinforcement.



PHOTOGRAPH No.30. Note debris retained in chutes on downstream side of outlet structure.



PHOTOGRAPH No.31. Undercut outfall apron. Note cracked apron slab.



PHOTOGRAPH No.32. Exposed construction joints in floor of outlet cells.



PHOTOGRAPH No.33. Previous crack repairs.



PHOTOGRAPH No.34. Construction joints in apron slab.



PHOTOGRAPH No.35.



PHOTOGRAPH No.36. Cracks in southern abutment on downstream side.



PHOTOGRAPH No.37. Radial crack in wingwall of downstream side of southern abutment.

4. Panorama Images



PHOTOGRAPH No.38.



PHOTOGRAPH No.39.



PHOTOGRAPH No.40.



PHOTOGRAPH No.41.



PHOTOGRAPH No.42.



PHOTOGRAPH No.43.



PHOTOGRAPH No.44.



PHOTOGRAPH No.45.



PHOTOGRAPH No.46.