## SITE PHOTOGRAPHY 1/9/15

Client;Goulburn Broken Catchment Management AuthorityProject;Structural Assessment of Outlet StructuresLocation;Wakiti Creek Outlet Structure at Kotupna

# **Table of Contents**

1.	Downstream Side	. 1
2.	Western Abutment	. 1
3.	Upstream Side	. 3
4.	Outfall Apron & Wings	.4
5.	Eastern Abutment	. 5
6.	Waterway Gate Rebate	. 8
7.	Waterway	. 9
8.	Panorama Images	10

#### 1. Downstream Side



PHOTOGRAPH No.1.



PHOTOGRAPH No.2.



PHOTOGRAPH No.3.







PHOTOGRAPH No.5.

PHOTOGRAPH No.4. Note back of wall has been backfilled with mass concrete

GMR Engineering Services



PHOTOGRAPH No.6.



PHOTOGRAPH No.7.



PHOTOGRAPH No.8.



PHOTOGRAPH No.9.





PHOTOGRAPH No.11.

### 3. Upstream Side



PHOTOGRAPH No.12.



PHOTOGRAPH No.13.



PHOTOGRAPH No.14.



PHOTOGRAPH No.15.





PHOTOGRAPH No.17.

PHOTOGRAPH No.16. Looking east from structure.



GMR Engineering Services



PHOTOGRAPH No.18.



PHOTOGRAPH No.19.



4. Outfall Apron & Wings



PHOTOGRAPH No.21.



PHOTOGRAPH No.22.



PHOTOGRAPH No.23.







PHOTOGRAPH No.24.



PHOTOGRAPH No.25.



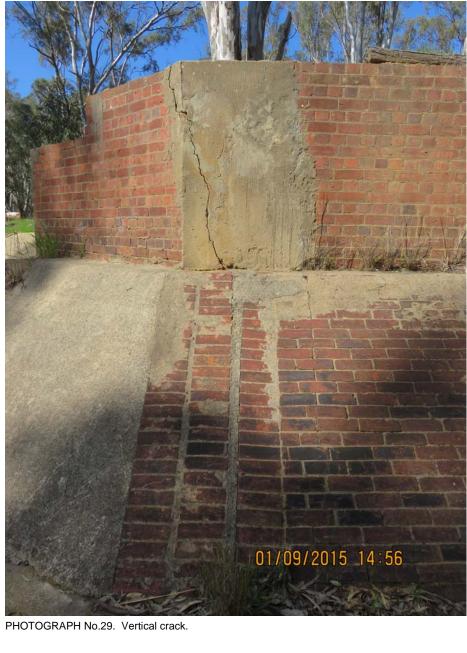
PHOTOGRAPH No.26.

5. Eastern Abutment



PHOTOGRAPH No.27.





#### **GMR Engineering Services**



PHOTOGRAPH No.30. Subsidence behind wall above missing shelf.



PHOTOGRAPH No.31. Subsidence is more than 1.2m deep.



PHOTOGRAPH No.32. Note remnants of timber bridge deck.





PHOTOGRAPH No.34.



PHOTOGRAPH No.35.

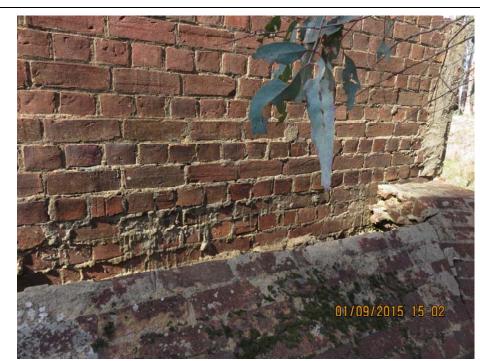




PHOTOGRAPH No.36.



PHOTOGRAPH No.37. Note missing shelf.



PHOTOGRAPH No.38. Missing shelf.



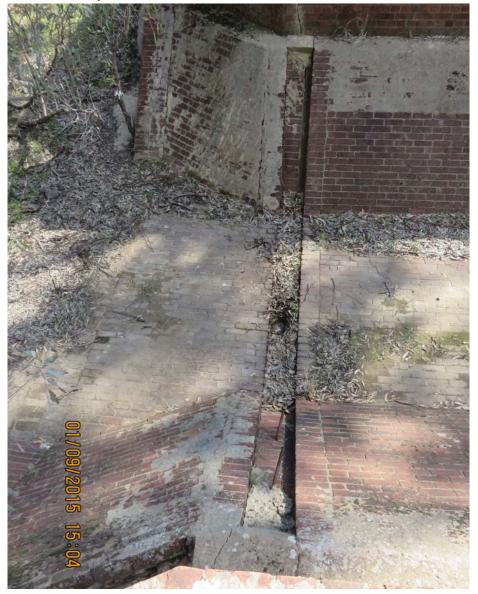
PHOTOGRAPH No.39.

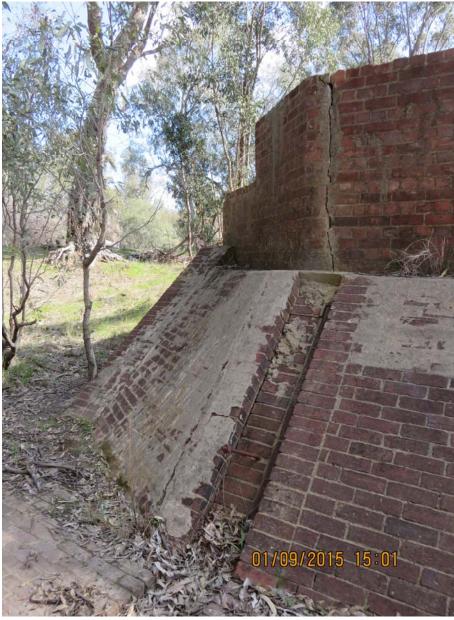


PHOTOGRAPH No.40.



### 6. Waterway Gate Rebate





PHOTOGRAPH No.41.



PHOTOGRAPH No.42.

PHOTOGRAPH No.43.





PHOTOGRAPH No.45.





PHOTOGRAPH No.46. Note vertical crack in west abutment on upstream side.



PHOTOGRAPH No.47.





PHOTOGRAPH No.49.

### 8. Panorama Images



PHOTOGRAPH No.51.

GMR Engineering Services



```
PHOTOGRAPH No.52.
```



PHOTOGRAPH No.53.

P:\Work\2015\GMR15013 GBCMA L.G. structure evaluation\Photos\3. Site photos at Wakiti (1-9-15)\SITE PHOTOS Wakiti Creek Outlet Structure (1-9-15).doc

