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## APPENDIX No. 4.

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### CORNWALL CANAL.

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*Description of the works and repairs executed during the fiscal year ending  
30th of June, 1869, by D. A. McDonnell, Superintendent.*

(No. 7,434.)

CORNWALL, July, 1869.

F. BRAUN, ESQ., SECRETARY,  
*Department of Public Works, Ottawa:*

SIR,—I have the honor to report as follows on the works under my charge upon the Cornwall Canal during the fiscal year ended on the 30th ultimo.

There was no interruption to the navigation on this canal until the 8th of last December when it was closed by ice. It was re-opened on the 3rd of May following, since which the traffic has been unimpeded up to the date of this report.

The works of greatest importance undertaken during the past year, are the regulating weir on the south side of the canal above lock No. 17, and the extension of the south embankment on the south side of the canal above the guard-lock at Dickinson's Landing by means of crib-work.

The weir has been in working order since May, but cannot be fully completed before next spring, as the water must be drained off in order to complete the side walls at the entrance to the head race.

The pier at Dickinson's Landing is well advanced, two thirds of it having been sunk successfully since the time it was commenced last April.

The repairs done to the canal works may be enumerated as follows, viz:

Raising embankment, repairing slope walls, clearing side ditches, drains and culverts, repairing lock-gates and supply-weirs, removal of five lock-gates, foot-bridges, making twelve new sheaves and making four new knees for quoin posts of lock-gates.

The outlay incurred on the latter amounts to the sum \$3,860.14.

I have the honor to be, Sir,

Your obedient servant,

(Signed,)

D. A. MCDONNELL,

*Superintendent.*