

APPENDIX No. 5.

WILLIAMSBURGH, RAPIDE PLAT AND GALOPS CANALS.

Description of the works and repairs executed on these Canals during the fiscal year ending 30th June, 1869, by Isaac N. Rose, Superintendent.

(No. 7,441.)

MORRISBURGH, 21st July, 1869.

SIR,—In compliance with instructions conveyed in your letter of 16th July, 1869, No. 4933, I have the honor to submit my annual report on the Williamsburgh Canals.

Navigation was uninterrupted from 1st July to 5th December, 1868, when the canals were closed for the winter. Being again opened on 1st May, 1869, they remained in satisfactory condition to 30th June, no detention having occurred to vessels passing through them.

The works which have been in progress during the past year, may be classed under the head of ordinary repairs.

1st. *Dredging.* Under instructions from the chief engineer, John Page, Esq., the steam-dredge was towed from Point Iroquois Canal to Farran's Point Canal, at which latter place she continued at work up to 9th September, and removed 436 scow-loads of material from the prism of the canal, which were deposited in deep bays adjoining. She was then handed over to J. G. Sippell, Esq., by instructions from the Department, and conveyed by steamer to the Grenville Canal, via Kingston.

2nd. *Protection of Canal Banks.* The force employed consisted of one scow and horse for towing together with a foreman and four laborers. The work was confined to Rapid Plat and Farran's Point Canals, and continued from 1st July to 1st December, 1868, and from 1st April to 30th June, 1869. Some 250 cords of stone were used on repairs to the inside and to portions of the outside banks of the canals. It is imperative for the safety of the canals, that this work should be continued from year to year in order to counterbalance the wear and tear which constant navigation entails.

3. *New Swing-bridge.* The new bridge over lock No. 26, Galops Canal, was nearly completed at the close of the fiscal year.

4. *Lock-gates &c.* Repairs have also been done to lock-gates, bridges, snubbing and bumping posts, sluices, ditches, scows, and booming connected with the several canals. Repairs on pier at upper entrance Farran's Point Canal were near completion on 30th June, viz: putting on a new covering of two courses of timber from the canal bank to the ice-breaker built last year.

5. *Buoy Service.* This important work, extending from Prescott to Dickinson's Landing, was performed in the months of May and June last and is now in perfect order.

6. *Houses.* The material for roofing the several lock masters and lock laborers houses has been procured and paid for.

The aggregate amounts of pay lists and accounts for fiscal year ending 30th June, 1869, are as follows:

For steam dredge, (including towage to Kingston,).....	\$1,065.51
For buoy service and ordinary repairs.....	6,517.16
For staff certified.....	5,661.83

All of which is respectfully submitted.

I have the honor to be, Sir,

Your obedient servant,

(Signed,)

ISAAC N. ROSE,

Supt. Williamsburgh Canals.