

Hogsback. New mitre post ; sundry repairs to centre gates, machinery, &c. A number of men were employed during the high water in April protecting the works, removing and passing flood wood, &c.

Black Rapids. New stop logs made and put in new by-wash ; small repairs, &c. A number of men were employed at this station protecting works, removing flood wood, &c. Some damage was done at this station ; all in order again.

Long Island. One pair of lock gates renewed, two pairs new swing bars put on, new irons, &c. ; and some extensive repairs to other gates, &c. One pair new sluice frames complete ; rubbish removed from channel below locks. One new set of stop-logs, (7), dressed and fitted in, 4 sets man-hole gratings renewed and put in. At this station considerable damage was done by the ice and high water, and extensive repairs will be required ; men were employed here to protect the works. There are at this station 16 pieces fine timber for swing bars and stop logs intended for other stations. Considerable damage was done by the ice to the bulk head at the mills at Manotic.

Burritts' Rapids. At this station some damage was done to the bulk head by the ice. An extra bulk head required, and the present one reconstructed ; also repairs to machinery and works, &c.

Merrickville. Gravel and stone were laid down for use in case of emergency ; small repairs to machinery and works, &c. ; no damage was done to works at this station.

Old Slys. One pair of lock gates renewed ; new gratings over man holes ; new machine blocks in bottom for opening gates ; and sundry small repairs.

Smiths' Falls. One pair lock gates renewed ; new grating over man holes ; and sundry small repairs ; addition to lock masters quarters, used as collector's office ; repairs to swing bridge, fences, &c. ; some slight damage to embankment by the flood.

Smiths' Falls Detached. New chain blocks, and repairs to machinery. One bent was knocked out of dam at this station, and some small damage done by the flood, &c.

Poonamalie. Some small repairs to machinery of locks and sluices ; a large quantity of flood wood drawn out to relieve the boom at the dam ; repair of breach described before.

At the Narrows, Isthmus, Chaffeys and Davis, only small repairs to machinery of locks were done ; at Chaffeys' the pointed sill was repaired by fitting in pieces of oak, and bolting the same.

Jones' Falls. At this station a small coffer dam was put in above the waste weir, and the sills repaired, some stone was procured and packed against the wall to secure it ; some repairs to sills of centre locks ; and several minor repairs.

Brewers' Upper Mills. Several new coping blocks were made and put down ; embankment and approaches to new bridges raised ; and sundry small repairs made to machinery.

Brewers' Lower Mills. The lower gates at this station were painted ; gravel procured for repair of dam ; a new flange for lower lock gate—not yet put in—and small repairs, &c.

Kingston Mills. Two pairs of lock gates renewed, and three pairs painted ; 100 yards of coarse stone for repair of embankment at the by-wash ; several new chain blocks, and other repairs to iron works ; the masonry underpinned in several places, and retaining rough wall pointed ; two knees put on centre gates, and gates raised and eased ; recess of upper lock renewed and sill of upper gate repaired and leakage stopped ; the embankment repaired in several places.

An addition was made to the lock masters' quarters, providing an office for the toll collector. Owing to the unusual depth of snow last winter, the works on the repairs were considerably retarded, and the cost consequently increased.

I have the honor to be, Sir,
Your obedient servant,

(Signed,)

JAMES D. SLATRE,
Superintendent, R. C.