

framework carrying the water-race has been repaired, and at various times cleared of vegetation for a width of 5 ft. from the flume. In many places the supply-pipes have been so damaged by sulphur that they have had to be replaced. On this account 36 ft. of 4 in. pipes, and various lengths of service-pipes from 1 in. to 2 in. in diameter, have been replaced. The new pipes have been laid in rough boxes, in a mixture of sand and gas-tar, which is calculated to counteract the action of the sulphur and protect the pipes.

The Purenga Stream has been in heavy flood several times, and burst through a weak place in the rocks into the tunnel, through which the race passes, causing some damage. The necessary urgent repairs have been done, but in the near future all the timber-work in the tunnel will require overhauling, and much of it replacing. The water-race has also been damaged by recent slips, and in places has sunk several inches. It is now being repaired. The expenditure for the year is £202 18s.

#### WORKS AT ROTORUA.

##### *The Sanatorium.*

The concrete baths approaching the main entrance have been renewed. Four of the large swing-doors have been repaired and recovered. The men's sitting-room has been cleaned and painted, and other urgent repairs to the building have been done. The gardens and grounds are in fair order; numerous trees have been planted, and 180 chains of outside paths have been re-formed.

##### *The Blue Bath.*

The bottom of the bath has been reconcreted and graded, having settled, which caused a leakage. These repairs have greatly facilitated the supplying, emptying, and cleaning of the bath. The concrete curbing around the bath has been repaired, and the surrounding paths reconcreted and cemented. Drains have also been formed for storm-water. A new douche bath has been constructed, new dressing-rooms added, and other necessary repairs executed.

##### *Pavilion Baths, containing Priest's, Rachel, and Ladies' Swimming-baths.*

The most important work carried out in connection with these baths is the construction of the new ladies' swimming-bath, the size of which is 49 ft. in length, 24 ft. in width, 4 ft. deep at one end and 3 ft. at the other. Its superficial area is 1,176 ft., and it has a capacity of 26,000 gallons. The building over the dressing-boxes and part of the bath, also that of the end shed, is substantially constructed. The fence enclosing the bath is 8 ft. high, and close boarded, all the outside timber-work being painted. The bath cost £548 8s. 7d. Four of the private Rachel baths have been lined with white tiles, and four supplied with cold showers, and a shower has been fixed in the Ladies' swimming-bath. The roofs over the Priest's and ladies' Rachel baths have been overhauled, repaired, and covered with patent roofing-felt. New frames, ventilators, and skylights have been prepared and are ready for fixing on the roofs of the Priest's and Rachel baths at the close of the season. New approach-steps have been fixed to the gentlemen's Priest bath. 118 ft. 4 in. cast-iron pipes, with necessary Peat's valves, have been fixed to supply the Ladies' Swimming-bath with Rachel water. 363 ft. of 4 in. gland-socket pipes, with cleaning eyes at 60 ft. intervals, has been laid to convey surplus water from the Oruawhata (or Blue Bath) Spring to the cooler, which supplies the Ladies' Swimming-bath with cool Rachel water. The front of the Pavilion Bath has been repainted, and the approaches to the main entrance improved. A new entrance-gate has been fixed, and a footpath formed from the bath-entrance gates to the front entrance of the bath, which is a great convenience to the public.

##### *The Postmaster Bath.*

The roofs over the dressing-boxes have been repaired, and also over the present waiting- or entrance-room. New stops have been fixed to all dressing-box doors. The road and path from the Pavilion Bath have been placed in good order after the late heavy storms. It is very necessary that a supply of cold water should be laid on to this bath for showers and drinking purposes; the cost would be about £100.

The cost of general works at Rotorua, exclusive of water-supply and Ladies' Swimming-bath, is £475 13s.

#### WHAKAREWAREWA.

During the year carriage-drives and footpaths have been laid out by Mr. J. Baber, District Surveyor. 56 chains of the drives have been formed 16 ft. wide, and 34 chains of paths 8 ft. wide. A considerable number of trees have been planted, and twenty seats have been ordered, and will be placed at convenient places along the paths. A stand-pipe and 198 ft. of piping have been fixed and laid, taking a supply of water into the settlement. A new bridge of 62 ft. span has been built over the Purenga Stream.

The expenditure for the year is £495 7s.

All the new works carried out during the year were completed by Mr. Malfroy, who stuck to his duties with great fortitude right up to his last moments. He was assisted by Mr. B. S. Corlett, who is now Foreman of Works. Since taking charge I have only had time to attend to general maintenance and urgent repairs, and that at the expense of some of my other duties.

ROBERT REANEY, Road Surveyor.