

Raupo Drainage operations report

November 2020

Meeting: Raupo Drainage Committee
Date of meeting: Thursday 19 November 2020
Reporting officer: Wayne Crump, Land Drainage Co-ordinator

Purpose/Ngā whāinga

To update the Committee on operations activities of the Raupo Drainage district.

Recommendation/Ngā tūtohunga

That the Raupo Drainage Committee:

- a) Notes the Raupo Drainage operations November 2020 report.

Discussion/Ngā kōrerorero

Flood Gates

The following work has been completed on flood gates in the district:

- Refurbishment of the flood gate door lifting winch assemblies at No 6 (Tramline / SH 1), No 39 (Westlake road), and No 5 (Mabbit)
- The installation of door lifting winches, for debris removal, have been fitted to No 53 (Flood gate road) No 54 (Reid Tekowhai bridge) No 2 (Gent) and No 45 (Wilson landing)
- Repairs and relocation to access ladders, on flood gate head walls, has been completed on No 45 (Wilson Landing) and No 2 (Gent)
- A second flood gate door has been fabricated for No 5 (Mabbit) and is still to be fitted
- Prices have been obtained for a replacement flood gate door for No 6 (SH12 / Tramline road) at \$3850.00
- Issues with flood gate No 41 (Double creek) will require a door replacement and culvert insert to seal correctly
- A price of \$93,585.00 has been accepted from Barfoote Construction for the replacement of flood gate No 33 (Raupo landing/Gent) This is to supply and install, pre cast culvert units, at 1.2m diameter x 7.5m long, with pre cast head walls and floor , 3.370m long on the outlet and 2.980 on the inlet. A new flood gate door will be fabricated by Crompton Engineering.

Machine Cleaning

- Jenyns and Jenyns have completed machine cleaning of G canal from Johnsons bridge to Access road bridge, on both sides, and from the Access road bridge to Tramline rd on the eastern side only .This was completed in 159 hours at \$130.00 (\$20,670.00) with the long reach extension. Machine cleaning is to continue up to Whenanui.
- Machine clearing of the drain berm area along drain No53 (Eastern Hills cutoff) for safe spray truck access is to be completed from SH12 (Thompson property) to Te Kowhai Flood gate rd
- Machine cleaning will be required on Drains No 82,85,83, and 102 along SH12 this summer. This will require the removal of cleanings to a dump site and traffic management. Machine cleaning will also be required on Drains No 3 Top end of Access rd, 5 (Wallace rd), 11

(TeKowhai north) and 4 (Hodgson rd). Traffic management will be required in areas that can't be accessed from off road and cleanings removed to a dump site

- Flood gate outlets No 59 and 30 on K canal (Ball property) will require cleaning this summer.

Stop Banks

Stop bank improvements are to continue along the main sea wall area, between Simpson road and Wilson landing road. Supply of limestone stripping's will remain at \$7.00 per ton delivered on site. Jenyns and Jenyns and Ruawai Transport are to liaise regarding a start date for this project. This will complete this section of stop bank widening and raising.

Pumps

The Wallace road flood pump is to be lifted out over the summer months for inspection.

Drain Spray

- This year's spray contract, with Team Vegetation, has been signed, with no increase, at \$84,554.14
- The first spray round is presently underway. Identified weeds (Pittosporum, Tobacco, Raupo and bull rush) are to be targeted over the summer months
- Culvert repairs are to be completed on drain No 23 for spray truck access between North Ash and Wood properties.

Significance and engagement/Hirahira me ngā whakapāpā

The decisions or matters of this report do not trigger the significance criteria outlined in Council's Significance and Engagement Policy, and the public will be informed via agenda on the website.