

From: Don Paterson <nat.opc@xtra.co.nz>

Sent: Friday, November 29, 2019 5:58 PM

To: 'Pim De Monchy' <Pim.deMonchy@boprc.govt.nz>; 'Kelly Paterson' <kelly.paterson@boprc.govt.nz>; 'elaine tapsell' <etapsell@xtra.co.nz>; 'trtapsell@hotmail.com' <trtapsell@hotmail.com>; 'Willie Emery' <willie.emery@gmail.com>

Subject: RE: Glyphosate toxicity sprayed by BOPRC

Hi Pim

You are gambling with your children's future Pim if you are waiting for the EPA to ban glyphosate. I believe that there is no justification for using poisonous agrichemical sprays in Te Arawa's Whakapoukorero Wetland that I had originally proposed to Maketu Taiapure Trust as a way of enhancing the fishery.

I recommend that a long reach digger could now instead back along Maketu Road Drain from Singleton's Drain towards Maketu making a v-mound on its tracks with indentations for tree planting and making a more significant v-drain of Maketu Road Drain and also on the other side of the v-mound. The disconnected ponds that I believe were erroneously created could be infilled and incorporated into the v-drains that could run the length of the wetland.

Willow trees could be buried under v-mounds between subsequent parallel v-drains created that could fill the whole of Whakapoukorero wetland with significant ponding.

Water could be made to enter the v-drains from the spring at the back of the wetland and could traverse the v-drains in sequence until reaching Maketu Estuary. Water could also enter the v-drains from Singleton's Drain when it flooded and could also be made to receive water from No 1 Pumping Station. Any hot springs uncovered could be isolated by stop-banking.

V-mounds between v-drains could be planted with kahikatea and with flax to control weeds until the kahikatea had grown and shaded out both. Raupo would already be growing in the v-drains naturally providing ideal habitat for tuna (eel), bullie and galaxius (whitebait) the spawn of which could enhance the fishery as I had originally proposed.

Kindest regards

Don Paterson

Pres HbT SRF SNTR

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