

Kopeopeo Canal Remediation Project

Community Liaison Group Meeting
Tuesday 28 March 2017

Meeting agenda topics

- Welcome & introduction – John Pullar
- Communications update – Abby Tozer
- Project update – Brendon Love
- Other business



Communications

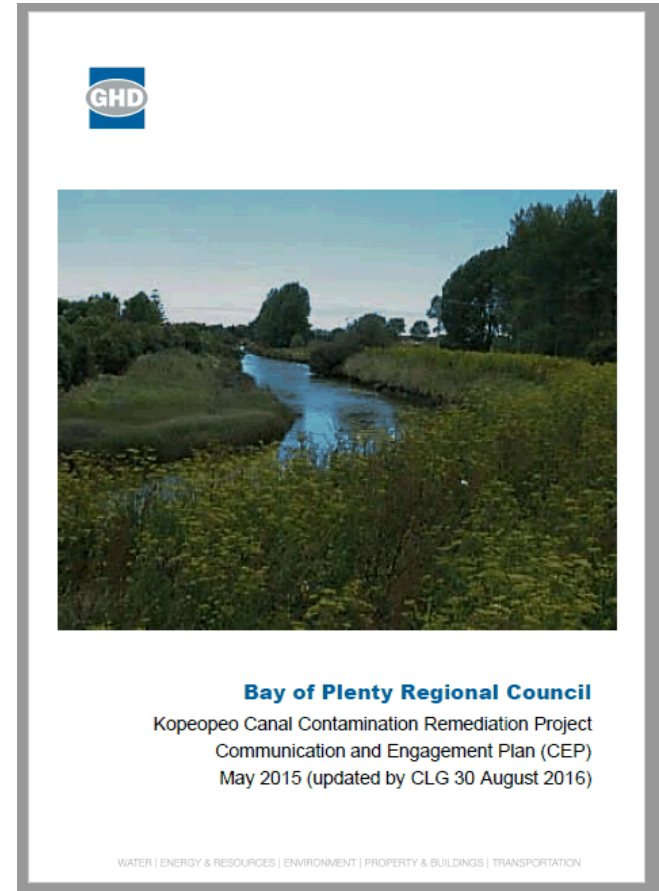
- What's new
 - Website www.boprc.govt.nz/koapeopeo
 - Newsletter
- Communication Plan update
- Recent media



Communication Plan Update

Physical Works stage

- Workshop held with Barbara Company on 16 March 2017
- Draft updated version to be provided for comment to CLG
- Draft for CLG approval at next meeting



Recent media

Whakatāne Beacon



Home News Lifestyle Sport Real Estate Class Letters



Photo Louis Klaassen D4927-05

A PRE-WORKS blessing was organised for a the location known as containment site one on Kope Drain Road yesterday at 7am to mark the imminent start of remediation work on the polluted Kopeopeo Canal.

Koro Tutua conducted the blessing.

A second blessing was held at the Keepa Road Bridge over the Orini Canal for work planned to lay rock armour over exposed wood waste in the canal's banks.

Dioxins contained in chemicals used to treat sapstain at a sawmill based where the Bunnings hardware outlet is located now have been found at unacceptable concentrations in canal sediment and surrounding locations where contaminated wood waste has been disposed of.

to ensure that the [liaison group] continues to be an integral part of the project structure.

"I look forward to discussing this at coming meetings," Mr Pullar said.

Mr Pullar has taken over the chairman's role from Bill Clark, who was elected to Bay of Plenty Regional Council in the October 2016 local body elections.

Mr Pullar said he had experienced "an excellent introduction" to the canal project since he was elected to his new role last month and he was proud to lead the group and of the role it played in linking the project to the community.

The remediation project intends to remove canal sediment contaminated with dioxins contained in timber treatment chemicals from a sawmill stationed at the current Bunnings location from the 1950s to the 1980s.

The group met again yesterday.

Food chain concern underpins clean up

Posted March 3rd, 2017 by [Letter to the Editor](#) & filed under [Letters](#), [News](#)

I WILL answer some of the concerns of Janet Austrin on the Kopeopeo project (Beacon, F

We are aware of the health risks from long-term, repeated exposure to dioxins. The imp the food chain is the key reason we are cleaning up the Kopeopeo Canal.

We are also aware of plans for better management of other wood waste sites in the dist worked through by the CSWG.

In response to concerns about this being an "exciting experiment", I want to be clear th method we will be using is the most commonly used sediment extraction and containe worldwide.

It allows us to move the sediment from the canal directly into fully contained cells, protected by both the geotextile bag and an impermeable liner. An investigation of this new method was carried out because it addressed the bulk of the concerns the community had with the original method.

Bench scale and field trials (including an open day with public tours) were completed over an 18-month period. A vast amount of data was collected during these trials which supported that the method could be successfully implemented on the Kopeopeo Canal.

The data collected during the trial period and the technical reports in support of the consent variation was reviewed by the independent monitor; a technical expert providing independent oversight on the project, and shared with the community via the Community Liaison

Group (CLG) and on our project website – www.boprc.govt.nz/kopeopeo.

There is some exciting work being done on other aspects of the project, including the local research into in-situ remediation by Te Runanga o Ngati Awa, but this is separate to (but fully supported by) the Kopeopeo Project.

Dioxin and community health

Posted February 24th, 2017 by [Letter to the Editor](#) & filed under [Letters](#), [News](#)

IN response to letter writer Kerry, I believe the residents who live close to the canals where d were dumped by the Whakatane sawmill have suffered greatly through ill health.

The late Joe Harawira lobbied government for years and finally achieved official recognition t terrible cost to employees through years of chronic ill health and eventual death.

This, I believe, has happened and is happening to all or any residents living in close proximity dioxin-filled dumps scattered through our township and rural areas, and our waterways.

My experience is almost identical to that of Kerry and Orini Canal, except I lived alongside th Kope Drain Road. Some doctors will mention effects of dioxins in chronically-ill patients but o private.

A public acknowledgement will produce a denial from the medical professionals, there being evidence.

Our Whakatane community owes a very great debt to a miniscule number of citizens who ha fought, argued and are still fighting the powers that be. The safety of Whakatane people now take precedence over the "exciting experiment" being shortly enacted by the regional counci the support of the district council.

Residents living adjacent to the Kope Canal petitioned the Government over safety concerns.

As a result of these submissions it ensured certain conditions and concerns were notified to t regional council over the digging up and dumping of sediments contaminated with dioxins (t encased in geotextile bags) on top of prime land – not buried six-feet under as most people b

Kope Drain residents are still concerned and actively contribute to the regional council's liais meetings. We owe a huge debt to Guy Barlass for his relentless pursuit of our councils to do t thing to safeguard the health of our community.

It is individuals like him who have ensured the stopbank at Orini Canal is being capped.

All these people deserve huge bouquets for their continuing input and fight to achieve recogni that dioxins are dangerous and not to be waved away as being too expensive to deal with pr

We cannot, as a community, be complacent or naive enough to believe councils know best, o they will do the right thing.

Janet Austrin

Project update

Overview

- Preliminary activities
- What's proposed in April
- Schedule update



Preliminary activities

Management plans and design

- Focus is on Containment Site 1 (CS1) and canal control structures
- Final design submitted for CS1 (finalised)
- Traffic Management Plan (finalised)
- Asset Management Plan (finalised and peer review completed)
- Erosion and Sediment Control Plan (draft)
- Environmental Monitoring and Validation Plan (draft)
- Dredge Management Plan (draft)
- Flood Management Plan (being finalised and peer reviewed)
- Groundwater and soil baseline completed
- Dust monitoring (baseline)



Activities planned for April

- Final versions of plans submitted for review
- Construct fencing around CS1
- Ongoing dust monitoring
- Construct erosion and sediment controls
- Topsoil removal and stockpiling
- Importing quarry rock foundation material
- Pipeline route planning
- Eel removal trial
- Sheet pile for control structures arrives



Project Schedule

High Level

- Containment Site 1 construction in April/May
- Pipeline established mid May
- Control structures in canal late May
- CS1 open day (late May)
- Dredging starts - June



Monthly Reporting

Consent requirement from commencement of works to provide monthly report to:

- CE's BOPRC, WDC
- Community Liaison Group,
- Te Runanga O Ngāti Awa
- Medical Officer of Health



Report Contents

Required to report on:

- Project progress
- Any issues (including complaints, incidents etc) and how issues are to be resolved
- Notice of any trigger level transgressions
- Opportunities identified and changes to methods or procedures
- Water abstraction volumes recorded
- Results of monitoring required by other consent conditions

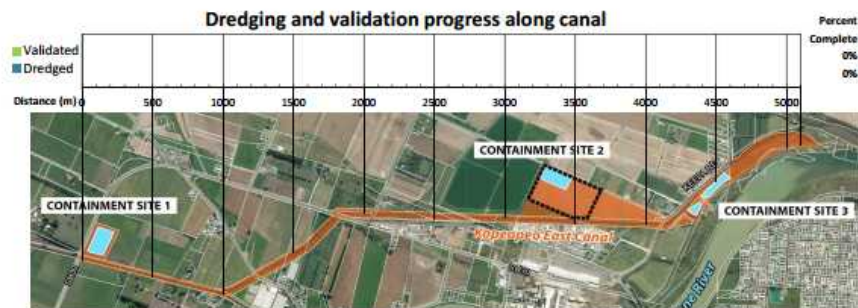
Propose reporting using **Monthly Dashboard Report**



Monthly Report Dashboard

Includes:

- Project progress
- Planned Activities
- Issues arising
- Health and Safety
- Environmental Monitoring
- Compliance Monitoring
- Monitoring Reports
- Project Reports



KEY PROGRESS (past period)

- Karakia held and some inductions undertaken
- Health and Safety Management Plan (HSMP) – completed
- Traffic Management Plan (TMP) – completed
- Vegetation survey complete
- Asset management Plan (AMP) and peer review completed
- Containment Site 1 design – completed
- Dredge Management Plan (DMP) – under review
- Environmental Monitoring Validation Plan (EMVP) – under review
- Noise Management Plan (NPM) – in progress
- Flood Management Plan – close to completion and to be peer reviewed
- Dust monitor installed and ongoing dust monitoring

PLANNED (upcoming period)

- Further Inductions
- Fencing of Containment Site 1 (CS-1)
- Construct erosion and sediment controls
- Topsoil removal and stockpiling
- Importing quarry rock and foundation material
- Eel removal trial

ISSUES ARISING & BEING ADDRESSED

- Dust barrier fence height at CS-1 resolved with consent authorities
- Works timing versus maize harvesting – with adjacent landowner
- Traffic management – consent variation application
- Control Structure – steel shipment delayed to 23/4/2017

ENVIRONMENTAL MONITORING (to be finalised in EMVP)

Indicator	Comment
Air Quality	No monitoring to date
Water Quality	No monitoring to date
Groundwater	Background monitoring underway
Other monitoring	TBD
Other monitoring	TBD

COMPLIANCE MONITORING

Consent Compliance	Compliant with all consent conditions to date
Trigger level deviations	None
Water Abstraction	0 m3
1 Complaint received	Reported & Addressed

MONITORING REPORTS

COMPLIANCE OFFICER

- Held initial site visit
- received TMP, HSMP, AMP, CS-1 design
- addressed dust screen height question from consent holder and addressing fence set back requirements
- met consent holder (8 March 2017) to review compliance monitoring

INDEPENDENT MONITOR

- received TMP, HSMP and CS-1 final design
- provided guidance on independence of FMP peer review
- provided input to consent authorities on dust screen
- on site representative to be on full time on site from April 2017

CULTURAL MONITOR

- provided input into cultural aspects of Dredge Management Plan
- preparation for cultural part of inductions
- preparation to observe works

HEALTH & SAFETY

Item	No#	Comment - Actions - Outcome
Inductions	20	Golders, Geo-fabrics and WCL
Safety Contacts	1	Drilling operator - PPE comment
Near Hits	0	
First Aid	0	
Medical Treatment Injury	0	
Lost Time	0	
Environmental	0	
Progress - Meters		Currently not applicable
General		Planning going well

PROJECT REPORTS

COMMUNITY LIAISON GROUP

- Communications workshop held 16 March
- CLG Newsletter - February 2017

ENGINEER TO CONTRACT

- held two site meeting
- reviewed design, quantities and prices for CS-1
- suggested mini goebag trial to determine sediment compaction
- approved three progress claims to date
- received 32 Notices to Engineer to date
- issued 22 Notices to Contractor to date

PRINCIPAL WORKS CONTRACTOR

- completing pre-works management plans and CS-1 design
- started preliminary works – well decommission, survey etc.
- provided different inductions for subcontractors / monitors / project staff

PROJECT MANAGER

- Coordinating review of management plans and CS-1 design
- BOPRC Audit and Risk Committee paper and presentation
- Presentation to Paroa School board 20/3/2017
- Discussion with residents in vicinity of CS1

Other Business

- Next Meeting: Tuesday 16th May



Additional Information

