


<p>To: Finance, Audit & Risk Committee</p> <p>CC: Gallo Saidy – Group Manager Infrastructure Services</p> <p>Project Manager: Gerry O’Neill</p> <p>Engineers Representative : Garth Flores</p>	<p>PROJECT STATUS REPORT #1</p> <p>AS OF 11 OCTOBER 2017</p> <p>CONTRACT TBC</p> <p>FOXTON WASTEWATER TREATMENT PLANT DESLUDGING</p> <p>PROJECT PHASE:</p> <p>PLANNING</p>	<p>Overall Project Status</p> <p style="text-align: center;"> OS</p>
<p>Project Manager Satisfaction Index (1 poor, 10 excellent)</p>		<p>8</p>



On Schedule



Not progressing as scheduled but no impact on deliverables



Off Track



Completed



Not Started

PROJECT OBJECTIVES AND STATUS

- **Purpose**

The purpose of this report is to update the Finance, Audit & Risk Committee on the progress on the Foxton Wastewater Treatment Plant (FWWTP) desludging.

- **Background**

FWWTP is a series of 3 ponds and were last desludged about 25 years ago. The accumulation of sludge reduces the volume of the pond available for treatment, reducing the hydraulic retention time, and will eventually impact the FWWT effectiveness to treat wastewater. Thus desludging the FWWT now will ensure that the plant continues to perform satisfactorily.

- **Progress up to 11 October 2017**

The project is in the early planning stage and HDC will be using the newly formed Horowhenua Alliance to implement the project. The Alliance team have contacted various specialist desludging contractors to confirm their availability to bid for the work.

The Alliance team visited the site to check the extent of the works. The project can be split into 4 separable portions.

- Separable Portion 1 – Survey and Design*
- Separable Portion 2 – Physical desludging*
- Separable Portion 3 – Maintenance of sludge drying area*
- Separable Portion 4 – Removal and disposal of dried sludge*

Separable Portion 1 and 2 will be included in this report going forward. Separable portion 3 will be a temporary maintenance item. Separable Portion 4 will need to be a future project with its own funding budget.

- **Key actions to progress this project over the next month**

- Complete the procurement plan.
- Complete conceptual design.
- Complete the sub-contractor procurement process.

- **Project Frustrations**

- None.

Kennedy Park Pumpstation and Rising Main Upgrades

Key Milestone / Deliverable	Due Date	Status	% Complete	Progress
Investigation and Concept Design	October 2017	OS	50%	
Procure Desludging Sub-Contractor	November 2017	NS	0%	Not started.
Separable Portion 1 – Survey and Design	January 2018	NS	0%	Not started.
Separable Portion 2 – Physical desludging	May 2018	NS	0%	Not started.
Separable Portion 3 – Maintenance of sludge drying area	May 2018 – February 2021	NS	0%	Not started .
Separable Portion 4 – Removal and disposal of dried sludge	April 2021	NS	0%	Not started.
Project complete	June 2021	NS	0%	Not started.

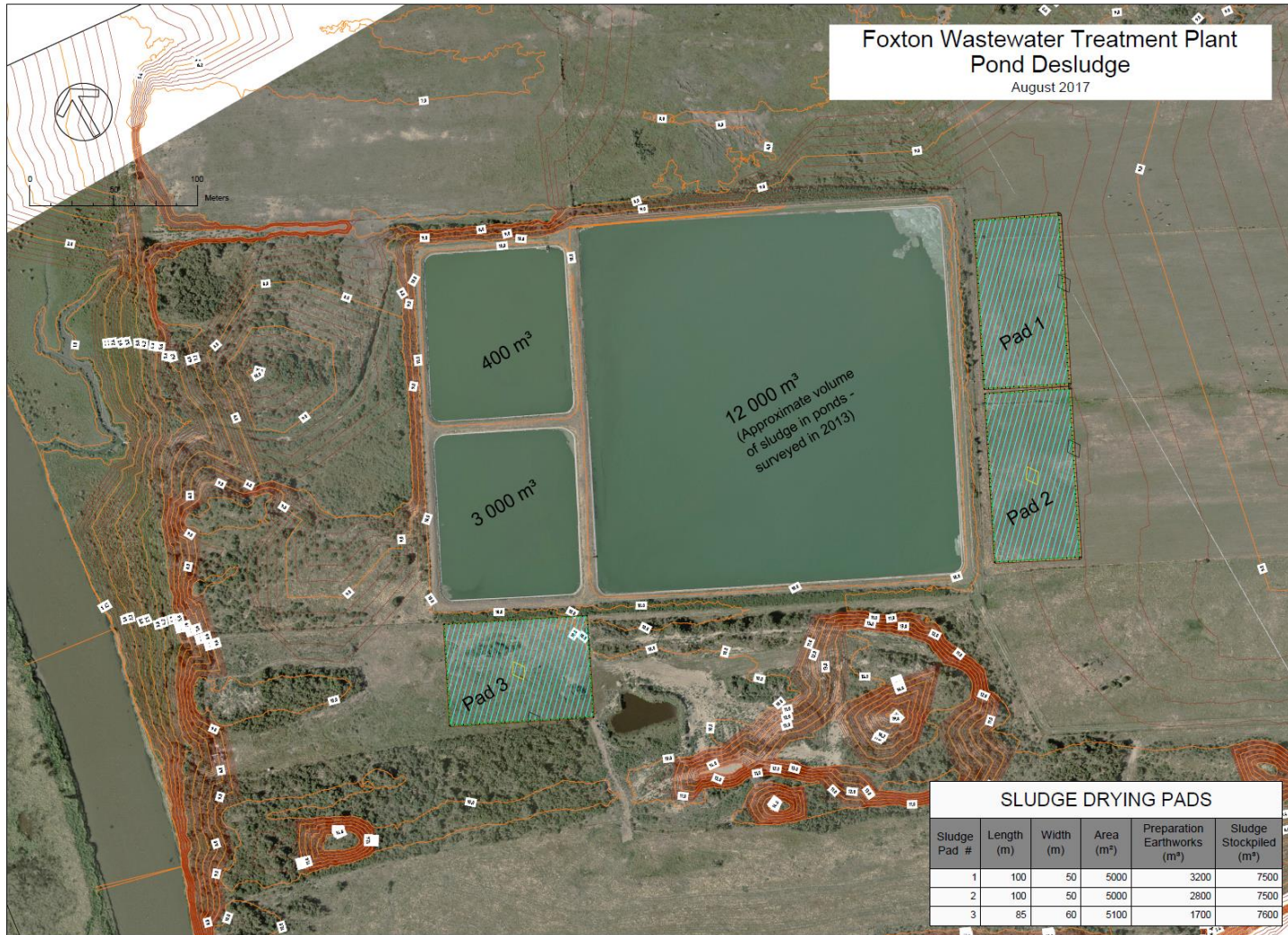
Expenditure on the project

In the 2017/2018 Annual Plan, HDC allocated \$450 000.00 towards the project under Work Order 8890.

Project Risks

Risk Number	Name	Description	Mitigation measures
Risk 001	Consenting Risk	<i>The Alliance may need to secure a resource consent to discharge odours.</i>	Engage with Horizons Regional Council and the neighbouring farmers to identify their concerns.
Risk 002	Site Access	<i>The access road may get flooded during the construction process.</i>	Do the work during summer months.
Risk 003	Health and Safety	<i>Risks to workers working around water bodies.</i>	Contractor to have adequately trained staff and supply the correct safety equipment on site.
Risk 004	Bio-hazard	<i>Bio-hazard risk to people if they come into contact with the sludge (e.g. salmonella, E-coli, ascaris).</i>	Contractor to have adequately trained staff and supply the correct safety equipment on site.
Risk 005	Sludge drying area	<i>An area for drying sludge is needed. This may need to be rented from the neighbour.</i>	Engage with neighbour timeously
Risk 006	No power on site	<i>There is no electrical connection on site.</i>	Make contractor aware of this constraint in the tendering process and make an allowance for on-site power generation in the schedule of prices.

Next risk is 007



Initial site plan for FWWTP and possible sludge drying areas.