

Report On Selection of Preferred Alternatives for Repair, Replacement, or Alteration of Club Docks

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Document Summary:

Preferred alternatives and recommendations for the North sheet wall dock and the South FYC and SS floating docks and access walkway are:

North Dock ;

- 1) Undertaking alternative 7a, construction of 2 smaller sheet pile abutments and adding of a small number of floating finger docks at an initial estimated cost of \$195,000 (2015 – 2017\$).
- 2) Alternative 7a permits longer term expansion of dockage, access, and use of the existing sheet wall dock over time until failures or abandonment may require further work.
- 3) Walls for dragon boat dock anchorage may be extended with any option but be at the cost of the DB as private shoreline dockage.
- 4) Longer term expansion of 7a incorporating Alt 4c – 6 to full buildout may cost an additional \$305,000.

South Docks;

- 1) Undertaking alternative 2b anchoring the inboard ends of the FYC floating docks is a priority and preferred alternative for addressing only the FYC docks at low cost of about \$11,000. **Additional methods were evaluated late 2018 for in board anchoring that may also reduce the need for outboard anchoring. Selection of other alternatives would also improve on this alternative.
- 2) Alt 4c – floating walkway to SS docks was the preferred alternative at \$22,800 however costs would be fully borne by the SS.
- 3) Selection of alternative 6a ranked 3rd highest – attaching ½ of SS docks along the shore to the FYC docks or 6e ranked 2nd highest- orientating the SS docks along the shoreline and attached by access floats to the southerly set of FYC docks would provide more cost effective anchoring of some of the FYC dock and potentially reduce additional dock purchases costs each for FYC and the SS.
- 4) Alternatives 6a and 6e may cost between \$21,250 and \$25,000 respectively and would be cost shared between the FYC and SS.

General Recommendations;

- 1) A budget and fundraising objective of a minimum of approximately \$225,000 (2015- 2017\$) should be established to carry out the noted preferred alternatives for the North and South docks. To allow for cost escalation (Inflation, EZ dock US \$ exchange) the total cost estimate should be increased by 20% to \$270,000. Cost sharing between the FYC and SS should be considered for preferred alternatives at the South docks where benefit would be for both groups.
- 2) Budget estimates should be confirmed by cost inflation adjustments, specific scrutiny of technical options and configuration at the South docks, additional engineering costing confirmation for the North Dock, specific other club considerations (DB), and review of cost sharing should a new entity be established for the operation of the FYC infrastructure.
- 3) Funding opportunities should be reviewed (eg. Trillium) as to potential annual or phased funding and whether other funding plans could be or need to be advanced.
- 4) This report could be updated and modified to suit future budgeting and funding purposes.

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