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**REPORT TO PORT RENFREW LOCAL SERVICES COMMITTEE  
MEETING OF MONDAY, 27 APRIL 2009**

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**SUBJECT      PORT RENFREW SOLID WASTE – CAPITAL IMPROVEMENTS TO SOLID WASTE  
TRANSFER STATION: UTILITY UPGRADES**

**PURPOSE**

To present for information, a revised list of capital improvements and associated costs to the Port Renfrew Solid Waste Transfer Station and to recommend additional scope of works and approval to proceed.

**BACKGROUND**

At the Port Renfrew Local Services Committee meeting of 19 March 2009, committee members approved the spending of up to \$61,000 for capital improvements to the solid waste transfer station (the site), namely culvert installation, lock block wall installation, fencing and associated earth works. A subcommittee was struck to address site specific modifications prior to staff tendering the works. At the meeting, the committee asked staff to undertake a feasibility study as to whether an updated electrical service, a water service and septage handling provisions could be provided at the site. The 19 March 2009 motion made in regards to the \$61,000 authorized spending did not include either the electrical, water utility or sewer servicing upgrades to the site.

**Proposed Utility Upgrades**

The work (feasibility study) suggested by the committee on 19 March 2009 included:

1. Installation of a 3/4" water service to the **trailer** site.
2. Updating the current 30 amp BC Hydro electrical service to a 100 amp capacity.
3. Installation of a septic field or "tidy tank" disposal/sewage holding system.

Staff have reviewed the proposed list of works with CRD Building Inspections and suggest the following:

- An updated electrical service is possible, but will require substantial refit to the existing configuration, including the construction of a weather proof building.
- Excavation equipment time will be required at the site to perform trenching for both water and electrical line installation. An overhead electrical service is not practical given expected rock and BC Tel truck access. This excavation could be done during the major earth works contract to save money.
- The installation of a water service is feasible, but there must be an onsite disposal system to handle grey and black water wastes.
- With no sewer servicing available or septic field option acceptable, a "Tidy Tank" option has been granted by CRD Building Inspection.

**Anticipated Costs**

<b>TASK</b>	
Installation of a 3/4" PE water service complete with meter, dual check valve, reduced pressure backflow assembly (RPBA), 1/2" hose bib (trailer hook-up)	\$1,000
Updating of existing 30 amp hydro service to 100 amp, including new meter Hydro feed, buried conduit, 100 amp panel and GFCI breaker, post with receptacles	\$4,000
Construction of weather proof shed to house electrical panel and appurtenances	\$1,000
Excavator and rock breaking accessory to trench both utilities c.w. sand fill	\$500
Supply and installation of a 500 gallon above ground holding tank. c.w. 16" sealed lid for pump-out access (includes all freight)	\$1,200
Taxes and contingencies	\$1,150
<b>Total anticipated final cost to install upgrades as listed, including contingencies</b>	<b>\$8,850</b>

**ALTERNATIVES**

1. That the Port Renfrew Local Services Committee receive this report for information and authorize expenditures of up to \$10,000 from reserves for the purpose of completing the works as listed under Proposed Utility Upgrades.
3. That the Port Renfrew Local Services Committee receive this report for information only.

**FINANCIAL IMPLICATIONS**

As of 2008 year-end, the Port Renfrew Disposal Reserve Fund has total available funding of \$75,636. It is anticipated that the site improvement works would be funded through the Reserve Fund with no impact to the operating budget. The \$61,000 already authorized for capital works currently being tendered leaves approximately \$14,000 of funds available for the proposed utility upgrades.

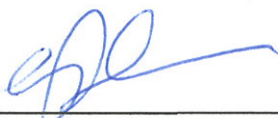
The committee must be made aware that ongoing servicing costs associated with periodic pump-out of the sewage holding tank proposed for the site will be borne by the local service. The committee may wish to consider revisiting the current contract with Mr. Driver in regards to rental agreement in order to recover anticipated service costs to the site. Quotes given by a local septic hauler suggest a \$600 cost per pump-out for a 500 gallon tank. Annual costs will be dependent on the number of pump-outs needed for the year.

**SUMMARY/CONCLUSIONS**

The proposed utility upgrades to the site are as per committee member's feasibility question at the 19 March 2009 committee. Long term servicing costs must be considered in the overall plan to service the site as suggested.

**RECOMMENDATION**

That the Port Renfrew Local Services Committee receive this report for information and authorize expenditure of up to \$10,000 from reserves for the purpose of completing the works as listed under Proposed Utility Upgrades.



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Gary Plevin, ASCT  
Engineering Technician 5

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