



CITY OF VANCOUVER

ADMINISTRATIVE REPORT

Report Date: September 13, 2005
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Meeting Date: November 29, 2005

TO: Vancouver City Council
FROM: General Manager of Engineering Services
SUBJECT: Fleet Addition - Compactor Attachment

RECOMMENDATION

- A. THAT Council approve the allocation of \$6,700 from the Truck and Equipment Plant Account to add one (1) compactor attachment to the Waterworks Operations fleet.
- B. THAT the capital cost be repaid to the Truck and Equipment Plant Account through internal rental rates, funding to be provided from the Waterworks Operating Budget.

COUNCIL POLICY

Council approves expenditures from Reserves, including the Truck and Equipment Plant Account.

PURPOSE

This report seeks approval for the purchase of one (1) compactor attachment for the Waterworks Operations Branch.

BACKGROUND

The Waterworks Operations Branch currently owns six (6) backhoe loaders. These units commonly work at different locations around the City. The backhoe loaders are versatile machines that have the capability of being used as loaders, dozers, excavators, and part placers. The backhoe loader versatility is further enhanced with special attachments such as compactors, breakers, and various types of buckets that connect onto the end of the backhoe boom. The attachments are required to perform trenching and filling operations.

DISCUSSION

There are six (6) backhoe loaders in the Waterworks Operations fleet, but only five (5) functioning compactors. The compactor attachments are used to compact the soil to specified finishing standards. The backhoe mounted compactor is several times more efficient than the hand held (stand alone) compactors and rollers and can also be used for slope compaction. The compactor may also be used for driving and extracting piles, fence posts, sheeting and guardrails. The purchase of a new compactor would permit full functionality of all the backhoe loaders in the Waterworks Operations fleet.

FINANCIAL IMPLICATIONS

There will be a one time charge of \$6,700 to the Truck and Equipment Plant Account, which will be repaid by the Waterworks Operations Branch over the ten (10) year life of the compactor through internal rental rate charges of approximately \$910 for capital and \$1,140 for maintenance, for a total of \$2,050 per year.

CONCLUSION

This report seeks approval to purchase one (1) compactor for \$6,700 from the Truck and Equipment Plant Account to meet the operational needs of the Waterworks Operations Branch.

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