

TO: CITY MANAGER **DATE:** 2006 June 13

FROM: DIRECTOR ENGINEERING

SUBJECT: WORK ORDERS

PURPOSE: To obtain approval of work orders 60-30-117 and 60-21-149

RECOMMENDATION:

1. The above work orders as more specifically referred to in this report be approved.

REPORT

60-30-117 2006 Sanitary Sewer Rehabilitation Program

Charge: 2006 Capital Budget
Sanitary Sewer Utility \$175,000

Additional Information: This work order provides funding for the City's ongoing program to reduce infiltration and inflow (I & I) in the sanitary sewer system. Reduction of I & I lessen the load on sewerage treatment plants and is a critical element in the Regional Liquid Waste Management Plan. Specifically this phase involves the inspection and rehabilitation of service connections and laterals at various locations. The total project cost is estimated at \$175,000. Sufficient General Revenue funds are available in the Sanitary Sewer Utility, and these expenditures are included in the 2006 Annual Financial Plan.

60-21-149 Capitol Hill Water Reservoir/Booster Pump Station

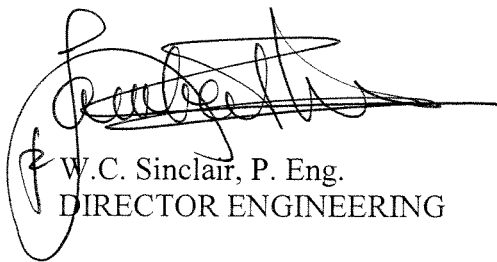
Charge: 2006 Capital Budget
Watermains, pumping stations, etc \$1.3 Million

Additional Information: Water supply to most municipalities in the Lower Mainland comes from sources owned and operated by the GVRD. The GVRD supplies water to the North Burnaby area through a network of trunk mains where the City conveys the water supply to the Capitol Hill area. The GVRD has current plans to upgrade treatment of the supply water at the Seymour-Capilano source which is scheduled for completion in 2008. In response to the

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GVRD's improvement plan the City has begun preliminary designs of its own improvements to the Capitol Hill distribution system to improve water supply and operating pressures for residents in the area. The improvement program involves the construction of a new reservoir (to be located within the existing Harbour View Park) and modifications to the existing booster station. The new reservoir would serve as supply and balancing storage for the Capitol Hill neighbourhood .

The proposed improvement program represents a total of \$3.8M investment in water supply to Capitol Hill and is projected to take two years to complete. In this first phase of the project, we anticipate expenditures reaching \$1.3M, including design of the needed improvements and capital expenditure on the first stage of construction. The total cost of Phase 1 is estimated at \$1.3 Million. Sufficient capital funds are available in the Infrastructure Replacement Reserves and these expenditures are included in the Water Utility component of the 2006 Annual Financial Plan.



W.C. Sinclair, P. Eng.
DIRECTOR ENGINEERING

AAS:cc

Copied to: Director Finance