

ANNUAL REPORT

Stratford Village Storm Water Lift Station

December 2008

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INTRODUCTION

The City of Hayward requested the Alameda County Flood Control and Water Conservation District (District) to operate and maintain the Stratford Village Storm Water Lift Station (SWLS). The SWLS was constructed in conjunction with City of Hayward Tracts 6472, 6560, 6683 and 6684, known as the Stratford Village Project (Project). Drainage from the Project enters the District's Zone 3A, Line B, flood control channel.

On August 29, 1995, the City and the District entered into an agreement where both parties agreed that it would be appropriate for the District to maintain the SWLS for more dependable storm water management.

The agreement states that the City will provide funds for maintenance and operation services and a capital equipment replacement fund. The City will provide funds for modifications that may become necessary for the normal and safe performance of the SWLS. It also states that the City will reimburse the District for unforeseen or emergency repairs, equipment replacement or modifications to keep the SWLS in normal, safe operating condition.

The District agreed to furnish the City an itemized estimate of the cost to operate, maintain and supplement the capital equipment replacement fund each year.

SERVICE PROGRAM DESCRIPTION

Maintenance services include maintenance inspection, preventative and routine maintenance, equipment and material charges. Desilting is provided approximately every other year. Administration includes budget and report preparation, correspondence, bill processing, contract administration and records maintenance. The estimated capital replacement fund is based on 1.5% to 1.8% of the total construction cost.

SUMMARY OF INCOME AND EXPENSES

County Staff reviewed income and expenditures from October 1997 through June 30, 2008. This information is presented on Page 3 of this report. Please note that communications expenditures were not included in the Income and Expenditure Summaries of previous annual reports prior to FY 04-05. Capital Replacement Fund payments, interest, withdrawals, and income are described on Page 4 of the report.

Beginning or ending balances for any fiscal year do not reflect actual cash flow for any given fiscal year. City's assessment funds are received approximately nine months into each fiscal year. These delays are caused by the fact that the City levies exactions through the County, which then collects and credits the funds to the City, which are then paid to the County. This practice sometimes results in fund shortages.

Alameda County Development Services received a letter from the City of Hayward, dated June 22, 2006, asking the County Staff to allocate the SCADA costs through FY 2005-2006 to capital reserves. A transfer from the Station's Capital Replacement fund in the amount of \$28,611 in October 2006 included \$11,067 for these SCADA costs at the City of Hayward's request. It will be reflected on future Income and Expenditure spreadsheets for FY 2006-2007. The transfer from the Capital Reserve Fund (CRF) to the Operating Fund (OF) was needed to cover both the SCADA costs and Maintenance and Operations and Administrative costs.

SCADA SYSTEM

The Supervisory Control and Data Acquisition (SCADA) came on line in December 2004. Hardware installation is complete. SCADA maintenance costs are estimated to be less than \$100 per month, which will be offset by reduced operation costs and faster emergency response.

The original estimated cost to install the SCADA equipment for this SWLS was \$25,100, which was being spread over five years at \$5,020 per year through Fiscal Year 2004-2005. The actual cost to provide the service was \$37,001. The remaining balance was to be paid in installments of \$3,967 in FY 2005-2006, 2006-2007, and 2007-2008.

BUDGET ESTIMATES

Estimated expenditures for the 2008-2009 and 2009-2010 Fiscal Years are based on prior year information. Actual expenditures for FY 2007-2008 include charges for routine maintenance and administrative services. During Fiscal Year 2004-2005, actual expenditures exceeded budget estimates due to required SCADA system staff training, related installation inspections, extra pump repair services, and desilting. As the over-expenditure caused a shortfall in operational funding, the transfer of \$28,611 from the Capital Replacement Fund, mentioned above in the *Summary of Income and Expenses* section of this report, was required to cover maintenance, operations, and SCADA costs. The transfer was made in October 2006.

Although shortfalls were offset by the transfer of Capital Replacement Funds, shortages in the Capital Replacement Fund will need to be addressed with the City of Hayward in future fiscal years.

STRATFORD VILLAGE STORM WATER LIFT STATION

INCOME AND EXPENSES											
INCOME	97-98 FY	98-99 FY	99-00 FY	00-01 FY	01-02 FY	02-03 FY	03-04 FY	04-05 FY	05-06 FY	06-07 FY	07-08 FY
City Payments-County Services	\$ 26,251.	\$ 20,430.	\$ 21,300.	\$ 16,280.	\$ 16,880.	\$ 16,880.	\$ 16,880.	\$ 19,480.	\$ 16,915.	\$ 11,650.	\$ 23,466.
City Capital Replacement Fund	7,500.	7,500.	7,500.	7,500.	7,500.	7,500.	1,500.	3,000.	0.	3,750.	4,500.
Transfer CRF funds for Shortage/SCADA							3,750.	0.	0.	28,611.	0.
City Payment SCADA (8 yrs) ¹				5,020.	5,020.	5,020.	5,020.	5,020.	0.	0.	3,000.
Interest Earned	304.	0.	580.	268.	552.	158.	85.	84.	44.	580.	318.
Total Income	\$ 34,055.	\$ 27,930.	\$ 29,380.	\$ 29,068.	\$ 29,952.	\$ 29,558.	\$ 27,235.	\$ 27,584.	\$ 16,959.	\$ 44,591.	\$ 31,284.
EXPENSES	97-98 FY	98-99 FY	99-00 FY	00-01 FY	01-02 FY	02-03 FY	03-04 FY	04-05 FY	05-06 FY	06-07 FY	07-08 FY
Maintenance & Administration (County Services)	\$ 20,195.	\$ 15,527.	\$ 19,455.	\$ 16,095.	\$ 14,364.	\$ 15,468.	\$ 19,260.	\$ 32,424.	\$ 27,295.	\$ 33,862.	\$ 31,924.
Communications	-	-	391.	376.	299.	379.	430.	457.	456.	467.	458.
Materials, Fuel and Oil	276.	276.	276.	276.	276.	276.	276.	276.	1,178.	358.	358.
Interest Charged	108.	0.	0.	0.	0.	0.	0.	0.	300.	0.	0.
Hazardous Materials Clean Up	0.	290.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Bay Area Air Quality Management Applicat/Permit									715.	339.	0.
Hazard Waste Mgmt. Regulatory Program (New 06-07)									0.	332.	332.
SCADA System Installation				5,020.	5,020.	5,020.	5,020.	5,020.	0.	0.	3,000.
Capital Replacement Fund	7,500.	7,500.	7,500.	7,500.	7,500.	7,500.	1,500.	3,000.	0.	3,750.	4,500.
Total Expenses	\$ 28,079.	\$ 23,593.	\$ 27,622.	\$ 29,267.	\$ 27,459.	\$ 28,643.	\$ 26,486.	\$ 41,177.	\$ 29,943.	\$ 39,107.	\$ 40,571.
Returned Balance / Operating Reserves	5,127.	9,464.	11,222.	11,023.	13,516.	14,431.	15,180.	1,587.	-\$11,396	-\$5,912	-\$15,200
Notes:											
1 SCADA equipment payments: \$5,020 for 5 years followed by \$3,967 for 3 years											
Unexpended Funds are used as "Operating Reserves" to cover cash flow each year until the City's assessment revenue is received by the County, which is a 6 to 18 month delay.											
* 2006-2007 FY reflects a Capital Replacement Fund transfer of \$28,661: \$17,594 to operating fund due to revenue short fall and \$11,067 at City of Hayward's request to offset SCADA Capital Improvement costs to be applied toward expenses for 05-06 FY											

STRATFORD VILLAGE STORM WATER LIFT STATION

CAPITAL REPLACEMENT FUND

		Amount of Deposit	Corrected Interest Earned*	Capital Replacement Fund Balance
<u>1997</u>	03/13/97	3,750.		
	07/08/97	3,750.		
			138.	7,638.
<u>1998</u>	02/25/98	3,750.		
	07/24/98	3,750.		
			757.	15,895.
<u>1999</u>	02/10/99	3,750.		
	12/02/99	3,750.		
			946.	24,341.
<u>2000</u>	03/21/00	3,750.		
	08/30/00	3,750.		
			1,638.	33,479.
<u>2001</u>	04/04/01	3,750.		
	08/21/01	3,750.		
			1,513.	42,492.
<u>2002</u>	12/17/01	3,750.		
	08/22/02	3,750.		
			1,788.	51,780.
<u>2003</u>	05/08/03	3,750.		
			747.	56,277.
<u>2004</u>	03/10/04	750.		
	07/27/04	750.		
			853.	58,630.
<u>2005</u>	03/20/05	1,500.		
	12/31/05	1,500.		
			1,555.	63,185.
<u>2006</u>	10/16/06	-28,611.		
			1,910.	36,484.
<u>2007</u>	04/03/07	3,750.		
			949.	41,183.
<u>2008</u>	05/29/08	4,500.		
				45,683.
	TOTALS	<u>32,889.</u>	<u>12,794.</u>	<u>45,683.</u>

Note: Updates to spreadsheet are made as information becomes available. Deposits to Capital Replacement Fund coincide with payments made by the City of Hayward and are tracked on a Calendar year

*1 0304 FY Capital Replacement Fund (Sept-03) receipt directly to M&O operations Budget

*2 0607 FY Capital Replacement Fund Transfer to M&O operations Budget and for SCADA Capital Improvement at City's request (11,067)

STRATFORD VILLAGE STORM WATER LIFT STATION
2008 – 2009 FISCAL YEAR -Current Year
(July 1, 2008 – June 30, 2009)

ESTIMATED EXPENDITURES

2008 – 2009 Fiscal Year

Materials, Fuel and Oil	\$300
Communication Services	\$500
Bay Area Air Quality Control District Permit	\$339
Hazard Waste Mgmt. Regulatory Program	\$332
M&O & Administrative Services	<u>\$31,027</u>
Subtotal Estimated Expenses	\$32,498
SCADA System Installation payment	\$4,451
Capital Replacement Fund Payment	<u>\$7,500</u>
Total 2008 – 2009 FY Estimated Expenses	\$44,449

STRATFORD VILLAGE STORM WATER LIFT STATION
2009 – 2010 FISCAL YEAR
(July 1, 2009 – June 30, 2010)

ESTIMATED EXPENDITURES

2009 – 2010 Fiscal Year

Materials, Fuel and Oil	\$300
Communication Services	\$500
Bay Area Air Quality Control District Permit	\$0
Hazard Waste Mgmt. Regulatory Program	\$332
M&O & Administrative Services	<u>\$31,027</u>
Subtotal Estimated Expenses	\$32,159
SCADA System Installation payment	\$4,450
Capital Replacement Fund Payment	<u>\$7,500</u>
Total 2009 – 2010 FY Estimated Expenses	\$44,109