

## WATER UTILITY PROJECTS FY 2006-2007

**WATER UTILITY CAPITAL IMPROVEMENT PROGRAM FY 06-07  
 PROJECT SUMMARY**

	<u>Prior</u>	<u>Total Appro.</u>					<u>Est.</u>	
	<u>Years</u>	<u>06-07</u>	<u>thru 06-07</u>	<u>07-08</u>	<u>08-09</u>	<u>09-10</u>	<u>10-11</u>	<u>Total</u>
<b>PROJECTS (dollars in \$000)</b>								
C500004 Water CIP Salary/Benefits	\$ -	\$ 13	\$ 13	\$ -	\$ -	\$ -	\$ -	\$ 13
C500101 Paula Lane Reservoir	2,776	-	2,776	-	-	-	-	2,776
C500105 Reservoir Seismic Upgrades	79	(79)	-	-	-	-	-	-
<b>TOTAL</b>	<b>\$ 2,855</b>	<b>\$ (66)</b>	<b>\$ 2,789</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,789</b>
 <b>SOURCES (dollars in \$000)</b>								
Water Operating	\$ 1,467	\$ (66)	\$ 1,401	\$ -	\$ -	\$ -	\$ -	\$ 1,401
Water Capital	1,388	-	1,388	-	-	-	-	1,388
State Revolving Loan Fund Proceeds	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>\$ 2,855</b>	<b>\$ (66)</b>	<b>\$ 2,789</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,789</b>
Actual cash disbursements to date			<u>755</u>					
Available budget			2,034					
Estimated 06-07 cash disbursements			<u>2,000</u>					
Estimated budget balance at 6/30/07			<u>\$ 34</u>					

**Project Title:       Water CIP Salary/Benefits**

**Project #:            C500004**

Beginning with FY 06-07, each segment of the CIP that has salaries and benefits charged to these projects will be accounted for in an administrative project.

City of Petaluma, California  
 Fiscal Year 2007 Budget

Water CIP Salary/Benefits

C500004

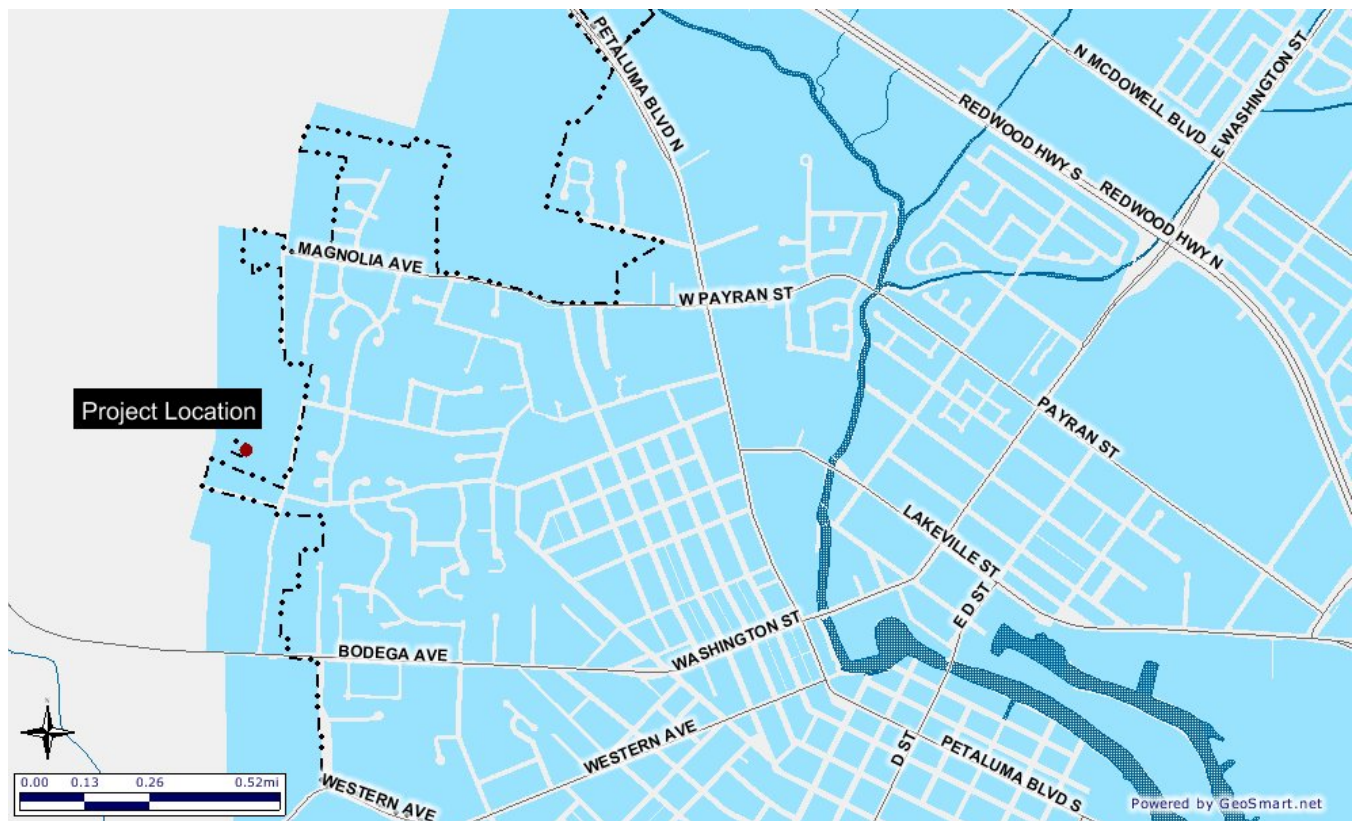
USES (dollars in \$000)	Prior	Total Appro.						Est.
	Years	06-07	thru 06-07	07-08	08-09	09-10	10-11	Total
51110 Regular Salary-Full Time	\$ -	\$ 10	\$ 10	\$ -	\$ -	\$ -	\$ -	\$ 10
51120 Regular Salary-Part Time	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
52110 Retirement Benefits-PERS	-	1	1	-	-	-	-	1
52310 Group Insurance PEMCHA	-	2	2	-	-	-	-	2
54110 Design	-	-	-	-	-	-	-	-
54120 Legal Counsel	-	-	-	-	-	-	-	-
54150 Planning/Environmental	-	-	-	-	-	-	-	-
54151 Construction Contracts	-	-	-	-	-	-	-	-
54152 Construction Management	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
54153 Administration	-	-	-	-	-	-	-	-
54160 Contract Employees	-	-	-	-	-	-	-	-
55011 CIP Overhead @ 5%	-	-	-	-	-	-	-	-
57310 Contingency	-	-	-	-	-	-	-	-
62110 Land and Easements	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>\$ -</b>	<b>\$ 13</b>	<b>\$ 13</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 13</b>
<b>SOURCES (dollars in \$000)</b>								
Waste Water Operating	\$ -	\$ 13	\$ 13	\$ -	\$ -	\$ -	\$ -	\$ 13
Undetermined	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>\$ -</b>	<b>\$ 13</b>	<b>\$ 13</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 13</b>

**Project Title: Paula Lane Reservoir #2**

**Project #: C500101**

A new water storage reservoir is required to increase the storage capacity in Zone II. The Paula Lane site was selected due to the availability of land and the small existing storage reservoir located there.

Property acquisition was completed during FY 02/03. Drainage improvements were constructed in FY 03/04. Design of the new reservoir was completion in FY 05/06 and completion of construction is scheduled in FY 06/07.



Paula Lane Reservoir

C500101

	<u>Prior</u> <u>Years</u>	<u>06-07</u>	<u>Total Appro.</u> <u>thru 06-07</u>	<u>07-08</u>	<u>08-09</u>	<u>09-10</u>	<u>10-11</u>	<u>Est.</u> <u>Total</u>
54110 Design	215	-	215	-	-	-	-	215
54150 Planning/Environmental	31	-	31	-	-	-	-	31
54151 Construction Contracts	1,620	-	1,620	-	-	-	-	1,620
54152 Construction Management	\$ 130	\$ -	\$ 130	\$ -	\$ -	\$ -	\$ -	\$ 130
55011 CIP Overhead @ 5%	140	-	140	-	-	-	-	140
57310 Contingency	210	-	210	-	-	-	-	210
62110 Land and Easements	430	-	430	-	-	-	-	430
<b>TOTAL</b>	<b>\$ 2,776</b>	<b>\$ -</b>	<b>\$ 2,776</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,776</b>
<b>SOURCES (dollars in \$000)</b>								
Water Operating	\$ 1,388	\$ -	\$ 1,388	\$ -	\$ -	\$ -	\$ -	\$ 1,388
Water Capital	1,388	-	1,388	-	-	-	-	1,388
State Revolving Loan Fund Proceeds	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>\$ 2,776</b>	<b>\$ -</b>	<b>\$ 2,776</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,776</b>

**FUTURE MAINTENANCE OF CAPITAL IMPROVEMENT PROJECT**

The Water Utility continues to make improvements to the water storage facilities. Future maintenance needs for this new reservoir will be funded from water funds.

**CALCULATION OF FUTURE SAVINGS**

Additional storage volume at this location will allow for improved service and more efficient operation of the water utility. Cost savings associated with this system upgrade are not quantifiable at this time.

**Project Title: Reservoir Seismic Upgrades**

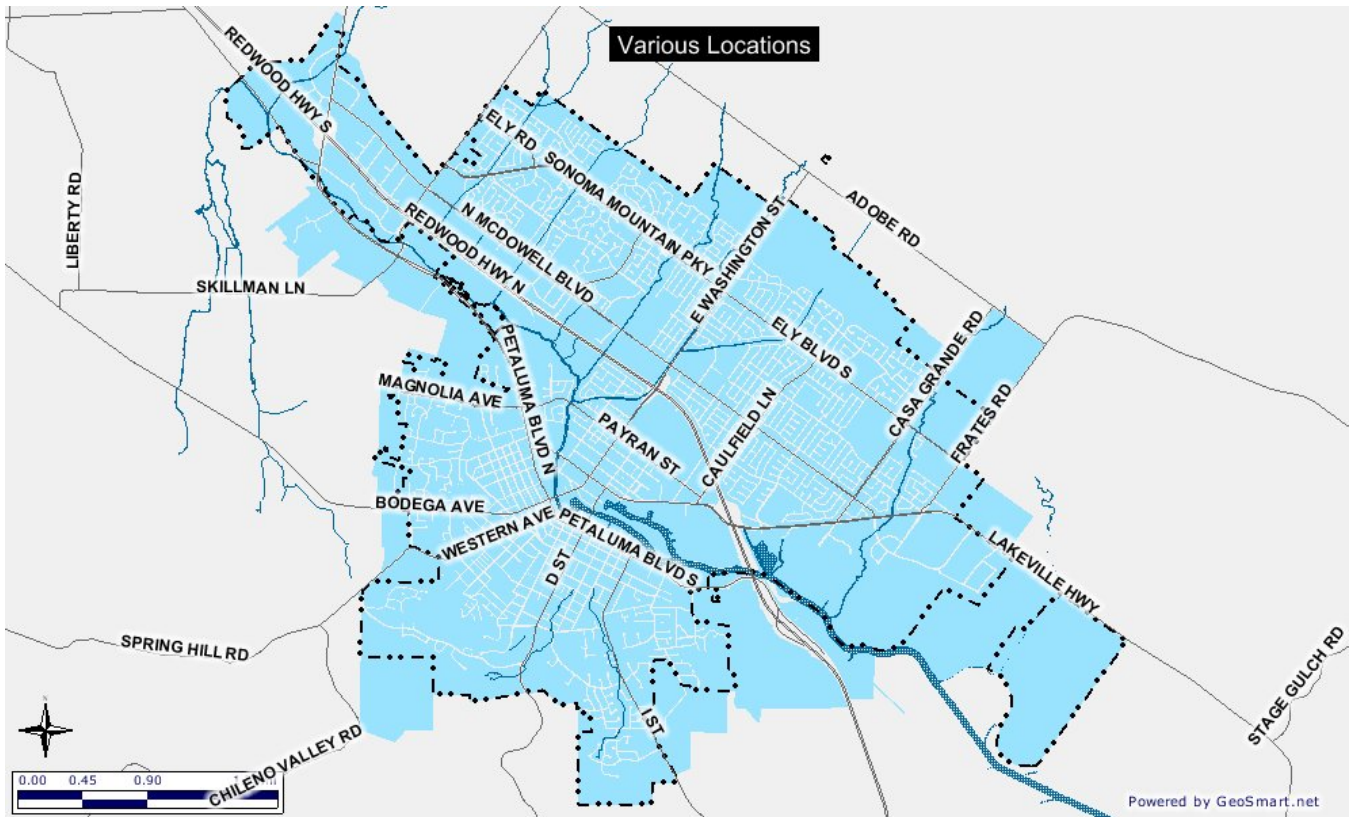
**Project #: 500105**

Preliminary assessment of the City’s potable water reservoirs was performed to determine the seismic and security risks of the existing facilities. This preliminary assessment recommended proceeding with a detailed, in-depth evaluation to better identify the seismic and security vulnerabilities of all the City’s above-ground steel reservoir sites. The detailed evaluation determined the site specific maintenance improvements required to meet current seismic design criteria.

Since the site-specific requirements involve maintenance of existing facilities, the remaining work is being removed from our capital improvement program and will be completed as a maintenance activity in the operating budget.

The following reservoir sites were included in the project study:

- Washington (old)
- Washington (new)
- Mountain View
- Paula Lane
- La Cresta (old)
- La Cresta (new)
- Manor Lane
- Hardin Lane
- Country Club



Reservoir Seismic Upgrades

C500105

	<u>Prior</u> <u>Years</u>	<u>06-07</u>	<u>Total Appro.</u> <u>thru 06-07</u>	<u>07-08</u>	<u>08-09</u>	<u>09-10</u>	<u>10-11</u>	<u>Est.</u> <u>Total</u>
54110 Design	75	(75)	-	-	-	-	-	-
55011 CIP Overhead @ 5%	4	(4)	-	-	-	-	-	-
62110 Land and Easements	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>\$ 79</b>	<b>\$ (79)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>SOURCES (dollars in \$000)</b>								
Water Operating	\$ 79	\$ (79)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
State Revolving Loan Fund Proceeds	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>\$ 79</b>	<b>\$ (79)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**FUTURE MAINTENANCE OF CAPITAL IMPROVEMENT PROJECT**

The Water Utility continually maintains the water storage facilities using water funds.

**CALCULATION OF FUTURE SAVINGS**

Reservoir seismic maintenance upgrades will provide for more reliable service and more efficient operation of the water utility. Cost savings associated with this system upgrade are not quantifiable at this time.

