

Capital Improvement Project

PW 08-09

Project Number:
PW 08-09

Project Name:
Well 21 Phase 1 Improvements

Department Responsible:
Public Works / Greg Gibson

Contact Number:
209-941-7430

Project Description:

Well 21 has been placed into inactive mode due to water quality issues with arsenic and uranium. Improvements at Well 21 and a pipeline to blend water from Well 9 and/or Well 10 are needed to address exceedances of drinking water standards for arsenic and uranium to bring Well 21 on-line. Additional future improvements to construct a booster pump station and storage tank and expansion of the water treatment plant at Well 21 are proposed in a second phase to realize the full capacity of Well 21. The City has submitted a workplan to CDPH and is working to implement well modifications to address these problems and bring the well into regulatory compliance.

Justification:

Additional work at Well 21 is needed to meet compliance with drinking water standards for arsenic and uranium and to complete regulatory permitting requirements.



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Use of Funds	Prior & Current Year Actuals	Carry Forward FY 2017/18	2017/18 Recommended	2018/19 Planned	2019/20 Planned	2020/21 Planned	2021/22 Planned	Total Allocations
CFD 2003-1 (Fund 5410)								
Project Management	-	-	-	-	-	-	-	-
Design and Engineering	241,690	84,511	-	-	-	-	-	326,201
Land Acquisition	-	-	-	-	-	-	-	-
Construction	20,885	1,184,385	-	-	-	-	-	1,205,270
Miscellaneous	-	-	-	-	-	-	-	-
Total CFD 2003-1 Fund (5410):	\$ 262,575	\$ 1,268,896	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,531,471

Use of Funds	Prior & Current Year Actuals	Carry Forward FY 2017/18	2017/18 Recommended	2018/19 Planned	2019/20 Planned	2020/21 Planned	2021/22 Planned	Total Allocations
Water Capital Replacement Fund (5600)								
Project Management	-	-	-	-	-	-	-	-
Design and Engineering	-	-	-	-	-	-	-	-
Land Acquisition	-	-	-	-	-	-	-	-
Construction	-	-	52,000	-	-	-	-	52,000
Miscellaneous	-	-	-	-	-	-	-	-
Total Water Capital Replacement- Fund (5600):	\$ -	\$ -	\$ 52,000	\$ -	\$ -	\$ -	\$ -	\$ 52,000

Use of Funds	Prior & Current Year Actuals	Carry Forward FY 2017/18	2017/18 Recommended	2018/19 Planned	2019/20 Planned	2020/21 Planned	2021/22 Planned	Total Allocations
Developer Contribution Fund (5610) PW0115 Xfr								
Project Management	-	-	-	-	-	-	-	-
Design and Engineering	70,807	-	-	-	-	-	-	70,807
Land Acquisition	-	-	-	-	-	-	-	-
Construction	100,234	-	-	-	-	-	-	100,234
Miscellaneous	-	-	-	-	-	-	-	-
Total Developer Contribution- Fund (5610):	\$ 171,041	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 171,041

Use of Funds	Prior & Current Year Actuals	Carry Forward FY 2017/18	2017/18 Recommended	2018/19 Planned	2019/20 Planned	2020/21 Planned	2021/22 Planned	Total Allocations
Project Buy In Fund (5620 & 5410)								
Project Management	-	-	-	-	-	-	-	-
Design and Engineering	-	581,219	-	-	-	-	-	581,219
Land Acquisition	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-	-	-
Total Project Buy in Fund (5620 & 5410):	\$ -	\$ 581,219	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 581,219

Total Expenditures:	\$ 447,954	\$ 1,850,115	\$ 52,000	\$ -	\$ -	\$ -	\$ -	\$ 2,350,069
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