

5 Year Capital Improvement Plan

PRELIMINARY

System Name:

Lake Don Pedro Community Services District

Date: 8/2/2016

System ID No. 5510008

Service Connections: 1429

Project Name	Task	Total Estimated Expense	Status	Priority	Year (FYE) to Complete
Fiscal Year Ending: 2017					
Replace Intake	Engineering Study: Identify and evaluate alternatives, estimate costs and compare to refurbishment of existing.	25,000	Planning	High	2017
Intake Booster	Install 2nd booster pump at intake (pump already purchased). Install tank bypass for float system.	150,000	Engineering Complete.	High	2017
Replace Raw Water Main	Planning, engineering and bid documents for replacement of raw water main	250,000	Planning	High	2018
Service Line Replacement	Remove and re-install the most damaged and continuous leaking service lines.	721,287	In Progress	High	2018
Ranchito Well Upgrade	Remove pump, video inspection and cleaning of well. Install digital flowmeter and tie into SCADA, repair RTU	37,611	Planning	High	2017
Septic System Upgrade at Treatment Plant	Move and update leach field	46,434	Engineering Complete, Permit Pulled	High	2017
Treatment Plant Upgrade	Install process analyzers to read and track pH/temp. on raw and treated water. Update SCADA system.	35,000	Planning	High	2017
Replace Water Meter at all 6 Tank Sites and intake	Install magnetic flow at all tank sites and tie into SCADA System.	157,305	Planning; to be completed with DWR grant	High	2017
Clean Chlorine Contact Tanks	Have the chlorine contact tanks cleaned	20,000	Major Maintenance Item (non-CIP) - Planning	Medium	2017
Sturtevant, Coronado, Lazo Tank Cleaning	Have tanks cleaned and inspected and replace level transmitters.	30,000	Major Maintenance Item (Non CIP) Planning	Medium	2017
Office Server Installation w/software	Fire closeout	107,000	Planning	Medium	2017
Air Conditioning for Board Room	Purchase and install air conditioning in Board Room	20,000	Planning	Medium	2017
Fiscal Year Ending 2018					
Replace Intake	Engineering: Design, plans, and bid docs for intake replacement (project scope contingent upon results of study)	150,000	Planning	High	2018
Replace Raw Water Main	Construction of new raw water main.	2,344,880	Planning	High	2018
Filter Media Replacement	Inspect and repair/replace filter media.	49,249	Planning	High	2018
Intake Float Pump Extension/Upgrade	Engineering and construction of modifications to new barge - move pumps to barge and eliminate old float. (Project scope contingent on intake study results)	33,770	Planning	Medium	2018
Ranchito PRV	Replace Ranchito PRV and vault	30,382	Valve is built. Needs installation.	Medium	2018

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Install fire hydrant at Hernandez	Install fire hydrant at Hernandez	14,071	Research need for project.	Medium	2018
Treatment Plant Blow off	Convert old raw water pond to effluent to waste (blow-off). Clean and repair raw water pond drains.	28,142	Engineering work completed.	Medium	2018
Fiscal Year Ending 2019					
Remote Site Electronics Upgrade	Coronado, Arbolada, Central, Alamo, Enebro, Tulipan: Upgrade motor control panels.	120,000	Planning	High	2019
Coronado Pump Station Upgrade	Upgrade pump station to supply fire fighting water in Lazo zone when tank level is low.	150,000	Preliminary Engineering Design Completed.	High	2019
Replace Intake-Construction	Begin Construction of New Intake Structure (actual year of start/complete may depend on lake water level)	2,000,000	Planning	High	2020?
Upgrade Backwash Ponds	Upgrade piping and drainage.	35,178	Preliminary Engineering Design Completed.	Low	2019
Fiscal Year Ending 2020					
Treatment Plant Pump and Panel Upgrade.	Upgrade pumps to 1400 gpm and control panels and install VFD's	168,852	Planning	Medium	2020
Water Main Replacement	Replace Dead End Water Mains - Engineering and Construction.	6,500,000	Planning	Medium	2021
Tank Site Improvements	Central, Coronado, Enebro, Alamo, Arbolada, install roofs over RTUs, repair gage boards.	75,000	Planning	Low	2020
Fiscal Year Ending 2021					
Lazo Site Upgrade	Engineering and Construction: Seismic upgrade to foundation.	125,710	Planning	Medium	2022
Tulipan Site Upgrade	Install fence	16,885	Planning	Medium	2021
Replace Vehicle	Purchase and replace Vehicle	30,000	Planning	Low	2021

Projects Cost By Year: Estimated Cost

Fiscal Year Ending: 2017	1,599,637
Fiscal Year Ending 2018	2,650,494
Fiscal Year Ending 2019	2,305,178
Fiscal Year Ending 2020	6,743,852
Fiscal Year Ending 2021	172,595

Report Prepared By (title) _____

Date: _____