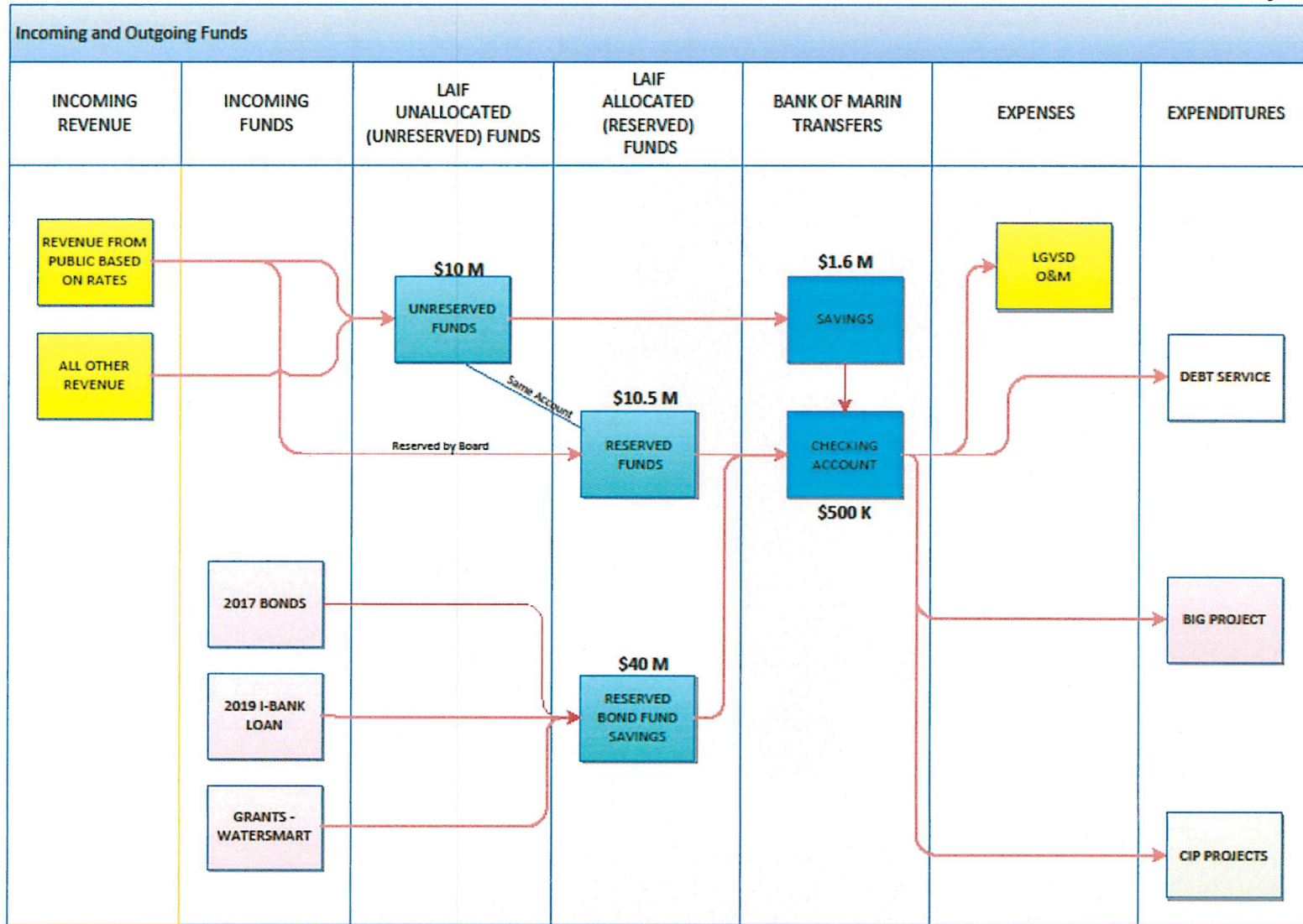


INCOMING AND OUTGOING FUNDS

replaces page 2.48



replaces page 2.71

Summary of Capital Outlay for 2019-20

(Continued)

Reclamation

MILLER CREEK REHAB	78,000
PASTURE IRRIGATION PUMP REBUILDS	40,000
STORAGE POND SLUICE GATE REPAIR	30,000
ST. VINCENT DISCHARGE LEVEE REPAIR	50,000
SHARP SOLAR PANEL REPLACEMENT	100,000
MARSH POND VEGETATION REMOVAL	150,000
SPARE 10HP FLYGT SUBMERSIBLE PUMP	10,000
BYPASS PUMP CONNECTION REPLACE	40,000
SMITH RANCH SUMP PUMP INSTALL	15,000

ACCOUNTING TERMS

REVENUE AND EXPENSE

- Occur on an annual basis – Property Taxes
- Effect our Net Position (P &L)

FUNDS AND EXPENDITURES

- Funds are holding accounts and can extend over years – Includes Revenue and Expenses
- Transfers of money
- Loan Payments
- Expenditures – money going out - can be an expense.

ACCOUNTING TERMS

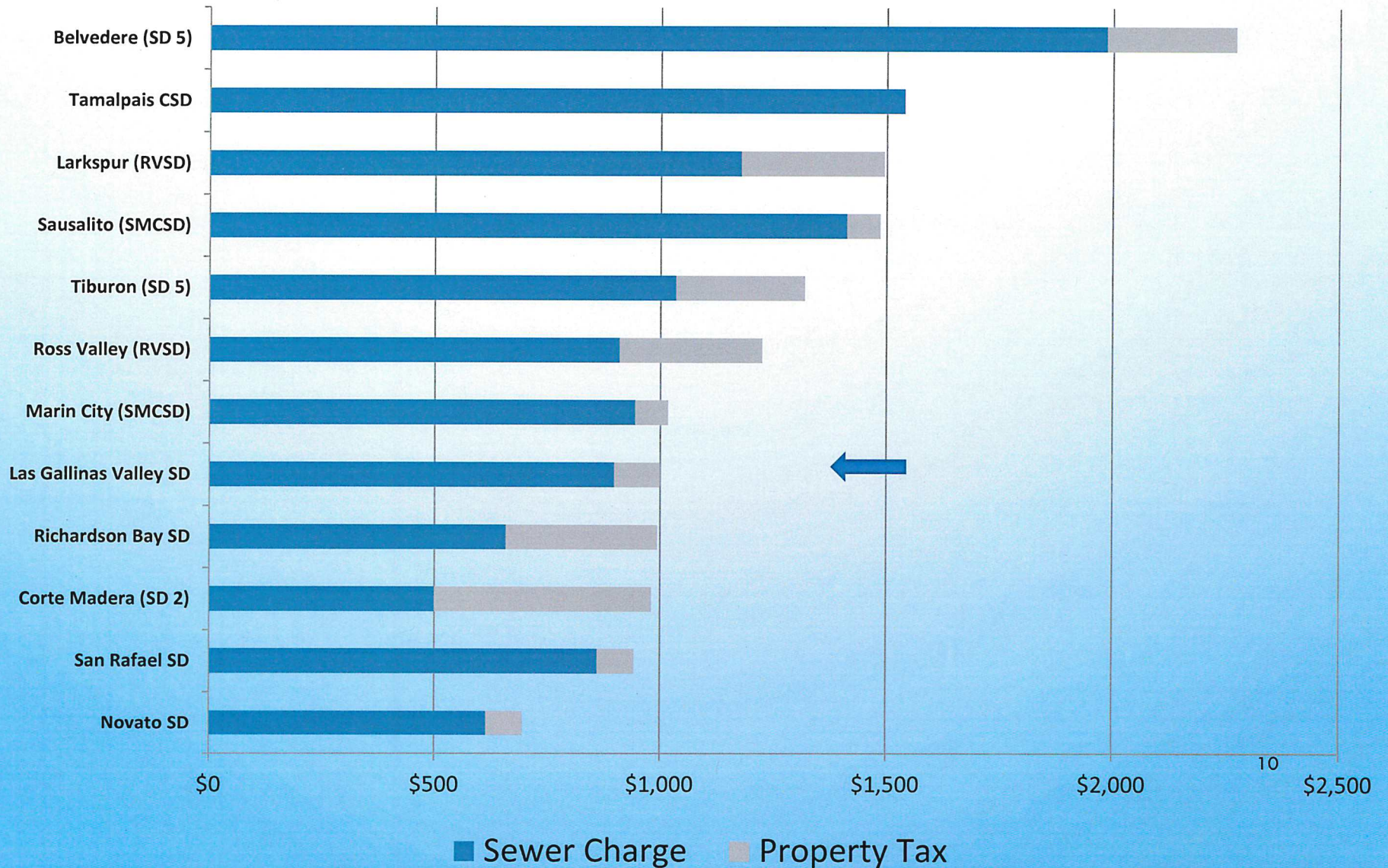
RESERVE FUNDS = ALLOCATED

- These are funds set aside by the Board
- Funds for Capital
- Funds for Debt

UNRESERVED FUNDS= UNALLOCATED

- These are all other funds.
- Property taxes for general operations

Single-Family Sewer Cost Comparison in Marin County for FY 2018/19



2019-2020 PROJECT SHEET

Proj. #: 20100-02

Project: Administration Building

Project Lead: Mike Cortez

Dept.: Administration

Fund: Budget Page:

Project Type: New Project/Expansion Replacement Changed Maintenance

Priority Setting Factors:	H/S/W ¹⁾ 5	Maint. 3	Expan. 3	New 3	Low 1	Medium 3	High 5	OVERALL
Rating:	0	0	0	0	0	3	0	3

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Site Investigation		\$100,000					\$100,000
Design Cost			\$200,000	\$200,000			\$400,000
Construction Cost					\$5,000,000	\$4,600,000	\$9,600,000
							\$0
TOTAL COST	\$0	\$100,000	\$200,000	\$200,000	\$5,000,000	\$4,600,000	\$10,100,000

Funding Source(s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
CIP		\$100,000	\$200,000	\$200,000	\$5,000,000	\$4,600,000	\$10,100,000
							\$0
TOTAL FUNDING SOURCES	\$0	\$100,000	\$200,000	\$200,000	\$5,000,000	\$4,600,000	\$10,100,000

1. Briefly Describe and provide justification for this Capital Project Request.

Design and construct a new administration building.

2. Describe the project status and completed work.

Start site investigation in FY 2020.

3. Describe any anticipated grants related to the project.

N/A

4. What impact will the project have on annual operation expenses? Please quantify and describe.

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Projected Operating Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Map / pictures of Project/Project Area (Attach brochures if available)

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

2019-2020 PROJECT SHEET

Proj. #: 20100-04

Project: Master Plan

Project Lead: Mike Cortez

Dept.: Administration

Fund: Budget Page:

Project Type: New Project/Expansion Replacement Changed Maintenance

Priority Setting Factors:	H/S/W ¹⁾ 5	Maint. 3	Expan. 3	New 3	Low 1	Medium 3	High 5	OVERALL
Rating:	0	0	0	0	0	0	5	5

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Consulting Services	\$200,000	\$200,000	\$300,000	\$300,000			\$1,000,000
							\$0
							\$0
							\$0
TOTAL COST	\$200,000	\$200,000	\$300,000	\$300,000	\$0	\$0	\$1,000,000

Funding Source(s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
CIP	\$200,000	\$200,000	\$300,000	\$300,000			\$1,000,000
							\$0
TOTAL FUNDING SOURCES	\$200,000	\$200,000	\$300,000	\$300,000	\$0	\$0	\$1,000,000

1. Briefly Describe and provide justification for this Capital Project Request.

Development of an Integrated Wastewater Master Plan.

2. Describe the project status and completed work.

Development of Master Plan RFP in progress.

3. Describe any anticipated grants related to the project.

N/A

4. What impact will the project have on annual operation expenses? Please quantify and describe.

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Projected Operating Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Map / pictures of Project/Project Area (Attach brochures if available)

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

2019-2020 PROJECT SHEET

Proj. #: 20125-01

Project: On-Call Construction Contract

Project Lead: Mike Cortez

Dept.: Engineering

Fund: Budget Page:

Project Type: New Project/Expansion Changed
 Replacement Maintenance

Priority Setting Factors:	H/S/W ¹⁾ 5	Maint. 3	Expan. 3	New 3	Low 1	Medium 3	High 5	OVERALL
Rating:	0	0	0	0	0	0	5	5

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
On-Call Construction Contract		\$200,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
							\$0
							\$0
							\$0
TOTAL COST	\$0	\$200,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000

Funding Source(s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
CIP		\$200,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
							\$0
TOTAL FUNDING SOURCES	\$0	\$200,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000

1. Briefly Describe and provide justification for this Capital Project Request.

On-Call Construction Contract

2. Describe the project status and completed work.

Start by end of FY 2019.

3. Describe any anticipated grants related to the project.

4. What impact will the project have on annual operation expenses? Please quantify and describe.

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Projected Operating Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Map / pictures of Project/Project Area (Attach brochures if available)

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

2019-2020 PROJECT SHEET

Proj. #: 11200-03

Project: John Duckett Sewage Main Capacity and Storage

Project Lead: Mike Cortez

Dept.: Collection System

Fund: Budget Page:

Project Type: New Project/Expansion Replacement Changed Maintenance

Priority Setting Factors:	H/S/W ¹⁾ 5	Maint. 3	Expan. 3	New 3	Low 1	Medium 3	High 5	OVERALL
Rating:	0	0	0	0	0	3	0	3

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
GHD Design Expenditures thru 4/4/2019	\$116						\$116
Remaining GHD Design Contract		\$453,870					\$453,870
Construction Cost			\$5,000,000	\$5,000,000			\$10,000,000
Project Contingency		\$113,467					\$113,467
TOTAL COST	\$116	\$567,337	\$5,000,000	\$5,000,000	\$0	\$0	\$10,567,453

Funding Source(s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Prop 218	\$8,413,900		\$1,100,000	\$1,100,000			\$10,613,900
							\$0
TOTAL FUNDING SOURCES	\$8,413,900	\$0	\$1,100,000	\$1,100,000	\$0	\$0	\$10,613,900

1. Briefly Describe and provide justification for this Capital Project Request.

Project will include the design for deepening of the Duckett pump station, eliminating the visible Gallinas Creek crossing and a new Highway 101 crossing.

2. Describe the project status and completed work.

Project is on hold, pending development of Master Plan.

3. Describe any anticipated grants related to the project.

N/A

4. What impact will the project have on annual operation expenses? Please quantify and describe.

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Projected Operating Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Map / pictures of Project/Project Area (Attach brochures if available)

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

2019-2020 PROJECT SHEET

Proj. #: 19200-01

Project: Sewer Main Rehabilitation 2018

Project Lead: Mike Cortez

Dept.: Collection System

Fund: Budget Page:

Project Type: New Project/Expansion Changed
 Replacement Maintenance

Priority Setting Factors:	H/S/W ¹⁾ 5	Maint. 3	Expan. 3	New 3	Low 1	Medium 3	High 5	OVERALL
Rating:	0	0	0	0	0	0	5	5

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Original Construction Contract	\$1,188,002						\$1,188,002
Construction Change Orders	\$109,771						\$109,771
Labor Compliance	\$6,864						\$6,864
CM & Inspection Services	\$186,212						\$186,212
Quail Hill CIPP Sewer Rehabilitation	\$182,516						\$182,516
Mulligan Trunk Sewer Point Repair	\$8,420						\$8,420
TOTAL COST	\$1,681,784	\$0	\$0	\$0	\$0	\$0	\$1,681,784

Funding Source(s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Prop 218 & CIP	\$2,053,167						\$2,053,167
							\$0
TOTAL FUNDING SOURCES	\$2,053,167	\$0	\$0	\$0	\$0	\$0	\$2,053,167

1. Briefly Describe and provide justification for this Capital Project Request.

Annual sewer system rehabilitation: Garden Ave, Corrillo Dr, John Duckett Pump Station Easement, Beechnut Ct Easement, Channing Way, & Montecillo Rd.

2. Describe the project status and completed work.

Project is complete, with the exception of Change Order and payment processing.

3. Describe any anticipated grants related to the project.

N/A

4. What impact will the project have on annual operation expenses? Please quantify and describe.

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Projected Operating Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Map / pictures of Project/Project Area (Attach brochures if available)

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

2019-2020 PROJECT SHEET

Proj. #: **20200-01**

Project: **Sewer Main Rehabilitation 2020-2024**

Project Lead: **Mike Cortez**

Dept.: **Collection System**

Fund: Budget Page:

Project Type: New Project/Expansion Replacement Changed Maintenance

Priority Setting Factors:	H/S/W ¹⁾ 5	Maint. 3	Expan. 3	New 3	Low 1	Medium 3	High 5	OVERALL
Rating:	0	0	0	0	0	0	5	5

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Construction Cost			\$2,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000
							\$0
							\$0
							\$0
							\$0
TOTAL COST	\$0	\$0	\$2,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000

Funding Source(s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Prop 218 & CIP			\$2,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000
							\$0
TOTAL FUNDING SOURCES	\$0	\$0	\$2,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000

1. Briefly Describe and provide justification for this Capital Project Request.

Trenchless or open-cut rehabilitation of pipelines with known maintenance and capacity issues.

2. Describe the project status and completed work.

N/A

3. Describe any anticipated grants related to the project.

N/A

4. What impact will the project have on annual operation expenses? Please quantify and describe.

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Projected Operating Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Map / pictures of Project/Project Area (Attach brochures if available)

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

2019-2020 PROJECT SHEET

Proj. #: 11200-03

Project: Marinwood Trunk Sewer Repair

Project Lead: Mike Cortez

Dept.: Collection System

Fund: Budget Page:

Project Type: New Project/Expansion Changed
 Replacement Maintenance

Priority Setting Factors:	H/S/W ¹⁾ 5	Maint. 3	Expan. 3	New 3	Low 1	Medium 3	High 5	OVERALL
Rating:	0	0	0	0	0	0	5	5

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Construction Contract	\$250,000						\$250,000
Project Contingency		\$50,000					\$50,000
							\$0
							\$0
TOTAL COST	\$250,000	\$50,000	\$0	\$0	\$0	\$0	\$300,000

Funding Source(s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Prop 218		\$300,000					\$300,000
							\$0
							\$0
TOTAL FUNDING SOURCES	\$0	\$300,000	\$0	\$0	\$0	\$0	\$300,000

1. Briefly Describe and provide justification for this Capital Project Request.

Structural repair of highway undercrossing.

2. Describe the project status and completed work.

Received one bid, pending award of contract.

3. Describe any anticipated grants related to the project.

N/A

4. What impact will the project have on annual operation expenses? Please quantify and describe.

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Projected Operating Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Map / pictures of Project/Project Area (Attach brochures if available)

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

2019-2020 PROJECT SHEET

Proj. #: 12300-05

Project: Rafael Meadows Pump Station

Project Lead: Mike Cortez

Dept.: Pump Stations/Force Mains

Fund: Budget Page:

Project Type: New Project/Expansion Replacement Changed Maintenance

Priority Setting Factors:	H/S/W ¹⁾ 5	Maint. 3	Expan. 3	New 3	Low 1	Medium 3	High 5	OVERALL
Rating:	0	0	0	0	0	3	0	3

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Construction Cost			\$500,000				\$500,000
Engineering Services		\$100,000					\$100,000
							\$0
							\$0
TOTAL COST	\$0	\$100,000	\$500,000	\$0	\$0	\$0	\$600,000

Funding Source(s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
CIP		\$100,000	\$500,000				\$600,000
							\$0
TOTAL FUNDING SOURCES	\$0	\$100,000	\$500,000	\$0	\$0	\$0	\$600,000

1. Briefly Describe and provide justification for this Capital Project Request.

Upgrade of existing electrical facilities, installation of permanent standby generator, security fencing, storm drainage system, and water line at the PS. Project includes tree removal/planting, site regrading and AC paving, and installation of LED site lighting.

2. Describe the project status and completed work.

In coordination with City of San Rafael.

3. Describe any anticipated grants related to the project.

N/A

4. What impact will the project have on annual operation expenses? Please quantify and describe.

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Projected Operating Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Map / pictures of Project/Project Area (Attach brochures if available)

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

2019-2020 PROJECT SHEET

Proj. #: **14300-05**

Project: **Force Main Repair/Replacement**

Project Lead: **Mike Cortez**

Dept.: **Pump Stations/Force Main**

Fund: Budget Page:

Project Type: New Project/Expansion Replacement Changed Maintenance

Priority Setting Factors:	H/S/W ¹⁾ 5	Maint. 3	Expan. 3	New 3	Low 1	Medium 3	High 5	OVERALL
Rating:	0	0	0	0	0	3	0	3

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Construction Cost			\$750,000	\$750,000			\$1,500,000
Engineering Services		\$200,000					\$200,000
							\$0
							\$0
TOTAL COST	\$0	\$200,000	\$750,000	\$750,000	\$0	\$0	\$1,700,000

Funding Source(s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
CIP	\$1,838,145						\$1,838,145
							\$0
TOTAL FUNDING SOURCES	\$1,838,145	\$0	\$0	\$0	\$0	\$0	\$1,838,145

1. Briefly Describe and provide justification for this Capital Project Request.

Replace or repair existing force main to the treatment plant and installation of redundant line for summer and winter flows.

2. Describe the project status and completed work.

Design completed at 50%. Project is on hold pending development of Master Plan and granting of easements from the Silveiras.

3. Describe any anticipated grants related to the project.

N/A

4. What impact will the project have on annual operation expenses? Please quantify and describe.

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Projected Operating Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Map / pictures of Project/Project Area (Attach brochures if available)

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

2019-2020 PROJECT SHEET

Proj. #: **18360-01**

Project: **Marin Lagoon Pump Station**

Project Lead: **Mike Cortez**

Dept.: **Pump Stations/Force Main**

Fund: Budget Page:

Project Type: New Project/Expansion Changed
 Replacement Maintenance

Priority Setting Factors:	H/S/W ¹⁾ 5	Maint. 3	Expan. 3	New 3	Low 1	Medium 3	High 5	OVERALL
Rating:	0	0	0	0	0	0	5	5

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Construction Cost		\$100,000					\$100,000
Engineering Services	\$15,920						\$15,920
2017-2018 Expenditures	\$13,580						\$13,580
							\$0
TOTAL COST	\$29,500	\$100,000	\$0	\$0	\$0	\$0	\$129,500

Funding Source(s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Marin Lagoon Special Assessment	\$193,115						\$193,115
CIP							\$0
	\$177,195						
TOTAL FUNDING SOURCES	\$370,310	\$0	\$0	\$0	\$0	\$0	\$193,115

1. Briefly Describe and provide justification for this Capital Project Request.

Pump station control cabinets need to be upgraded due to deterioration, corrosion, and aging of the infrastructure.

2. Describe the project status and completed work.

Design completed at 65%.

3. Describe any anticipated grants related to the project.

N/A

4. What impact will the project have on annual operation expenses? Please quantify and describe.

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Projected Operating Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Map / pictures of Project/Project Area (Attach brochures if available)

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

2019-2020 PROJECT SHEET

Proj. #: **18300-05**

Project: **Hawthorne Pump Station Fencing**

Project Lead: **Mike Cortez**

Dept.: **Pump Stations/Force Main**

Fund: Budget Page:

Project Type: New Project/Expansion Replacement Changed Maintenance

Priority Setting Factors:	H/S/W ¹⁾ 5	Maint. 3	Expan. 3	New 3	Low 1	Medium 3	High 5	OVERALL
Rating:	0	0	0	0	0	0	5	5

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Construction Cost		\$65,000					\$65,000
Engineering Services		\$10,000					\$10,000
							\$0
							\$0
TOTAL COST	\$0	\$75,000	\$0	\$0	\$0	\$0	\$75,000

Funding Source(s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
CIP	\$75,000						\$75,000
							\$0
TOTAL FUNDING SOURCES	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000

1. Briefly Describe and provide justification for this Capital Project Request.
 Replacement and realignment of pump station fencing.

2. Describe the project status and completed work.
 Project is on hold due to property line discrepancy with pump station neighbors.

3. Describe any anticipated grants related to the project.
 N/A

4. What impact will the project have on annual operation expenses? Please quantify and describe.

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Projected Operating Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Map / pictures of Project/Project Area (Attach brochures if available)

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

2019-2020 PROJECT SHEET

Proj. #: **11500-09**

Project: **Miller Creek**

Project Lead: **Mike Cortez**

Dept.: **Reclamation**

Fund: Budget Page:

Project Type: New Project/Expansion Replacement Changed Maintenance

Priority Setting Factors:	H/S/W ¹⁾ 5	Maint. 3	Expan. 3	New 3	Low 1	Medium 3	High 5	OVERALL
Rating:	0	0	0	0	0	0	5	5

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Expenditures through 4/4/2019	\$53,281						\$53,281
Engineering Services		\$100,000					\$100,000
Construction Cost		\$150,000					\$150,000
Prior Committed Funds through 4/4/2019		\$100,897					\$100,897
TOTAL COST	\$53,281	\$350,897	\$0	\$0	\$0	\$0	\$404,178

Funding Source(s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
CIP	\$326,376	\$78,000					\$404,376
							\$0
TOTAL FUNDING SOURCES	\$326,376	\$78,000	\$0	\$0	\$0	\$0	\$404,376

1. Briefly Describe and provide justification for this Capital Project Request.

Rock vane caused levee erosion. Repair rock vane and levee. Continue monitoring of the revegetation per regulatory requirement.

2. Describe the project status and completed work.

Obtaining permit with regulatory agencies. Year 2 monitoring report has been submitted to the agencies.

3. Describe any anticipated grants related to the project.

N/A

4. What impact will the project have on annual operation expenses? Please quantify and describe.

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Projected Operating Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Map / pictures of Project/Project Area (Attach brochures if available)

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

2019-2020 PROJECT SHEET

Proj. #: 21500-01

Project: Levee Maintenance

Project Lead: Mike Cortez

Dept.: Reclamation

Fund: Budget Page:

Project Type: New Project/Expansion Changed
 Replacement Maintenance

Priority Setting Factors:	H/S/W ¹⁾ 5	Maint. 3	Expan. 3	New 3	Low 1	Medium 3	High 5	OVERALL
Rating:	0	0	0	0	1	0	0	1

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Engineering Services				\$75,000			\$75,000
Construction Cost				\$200,000			\$200,000
							\$0
							\$0
TOTAL COST	\$0	\$0	\$0	\$275,000	\$0	\$0	\$275,000

Funding Source(s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
CIP				\$275,000			\$275,000
							\$0
TOTAL FUNDING SOURCES	\$0	\$0	\$0	\$275,000	\$0	\$0	\$275,000

1. Briefly Describe and provide justification for this Capital Project Request.

Increase level height same as the original 1980 installation.

2. Describe the project status and completed work.

Ready to start.

3. Describe any anticipated grants related to the project.

N/A

4. What impact will the project have on annual operation expenses? Please quantify and describe.

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Projected Operating Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Map / pictures of Project/Project Area (Attach brochures if available)

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

2019-2020 PROJECT SHEET

Proj. #: 20500-04

Project: St. Vincent Pump Station Discharge Pipe Levee Repair

Project Lead: Mike Cortez

Dept.: Reclamation

Fund: Budget Page:

Project Type: New Project/Expansion Replacement Changed Maintenance

Priority Setting Factors:	H/S/W ¹⁾ 5	Maint. 3	Expan. 3	New 3	Low 1	Medium 3	High 5	OVERALL
Rating:	0	0	0	0	0	0	5	5

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Construction Cost		\$50,000					\$50,000
							\$0
							\$0
							\$0
TOTAL COST	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000

Funding Source(s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
CIP		\$50,000					\$50,000
							\$0
TOTAL FUNDING SOURCES	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000

1. Briefly Describe and provide justification for this Capital Project Request.

Repair levee and headwall near St. Vincent Pump Station discharge pipe.

2. Describe the project status and completed work.

Ready to start.

3. Describe any anticipated grants related to the project.

N/A

4. What impact will the project have on annual operation expenses? Please quantify and describe.

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Projected Operating Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Map / pictures of Project/Project Area (Attach brochures if available)

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

2019-2020 PROJECT SHEET

Proj. #: 20500-04

Project: Sharp Solar Panel Replacement Project

Project Lead: Mike Cortez

Dept.: Reclamation

Fund: Budget Page:

Project Type: New Project/Expansion Changed
 Replacement Maintenance

Priority Setting Factors:	H/S/W ¹⁾ 5	Maint. 3	Expan. 3	New 3	Low 1	Medium 3	High 5	OVERALL
Rating:	0	0	0	0	0	0	5	5

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Installation Cost		\$100,000					\$100,000
							\$0
							\$0
							\$0
TOTAL COST	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000

Funding Source(s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
CIP		\$100,000					\$100,000
							\$0
TOTAL FUNDING SOURCES	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000

1. Briefly Describe and provide justification for this Capital Project Request.

Replacement of solar panels on District property.

2. Describe the project status and completed work.

Staff is finalizing an Agreement with Sharp.

3. Describe any anticipated grants related to the project.

N/A

4. What impact will the project have on annual operation expenses? Please quantify and describe.

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Projected Operating Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Map / pictures of Project/Project Area (Attach brochures if available)

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

2019-2020 PROJECT SHEET

Proj. #: **20300-08**

Project: **Pond Security Fencing**

Project Lead: **Mike Cortez**

Dept.: **Reclamation**

Fund: Budget Page:

Project Type: New Project/Expansion Changed
 Replacement Maintenance

Priority Setting Factors:	H/S/W ¹⁾ 5	Maint. 3	Expan. 3	New 3	Low 1	Medium 3	High 5	OVERALL
Rating:	0	0	0	0	0	0	5	5

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Design & Construction Cost		\$100,000	\$100,000	\$100,000			\$300,000
							\$0
							\$0
							\$0
TOTAL COST	\$0	\$100,000	\$100,000	\$100,000	\$0	\$0	\$300,000

Funding Source(s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
CIP		\$100,000	\$100,000	\$100,000			\$300,000
							\$0
TOTAL FUNDING SOURCES	\$0	\$100,000	\$100,000	\$100,000	\$0	\$0	\$300,000

1. Briefly Describe and provide justification for this Capital Project Request.

To install fencing at reclamation ponds.

2. Describe the project status and completed work.

Start in FY 2020.

3. Describe any anticipated grants related to the project.

N/A

4. What impact will the project have on annual operation expenses? Please quantify and describe.

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Projected Operating Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Map / pictures of Project/Project Area (Attach brochures if available)

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

2019-2020 PROJECT SHEET

Proj. #: 12600-02

Project: Plant Improvements 2018

Project Lead: Mike Cortez

Dept.: Treatment Plant

Fund: Budget Page:

Project Type: New Project/Expansion Changed
 Replacement Maintenance

Priority Setting Factors:	H/S/W ¹⁾ 5	Maint. 3	Expan. 3	New 3	Low 1	Medium 3	High 5	OVERALL
Rating:	0	0	0	0	0	0	5	5

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Construction Cost & Engineering Services thru 4/4/19	\$94,384						\$94,384
Construction Cost & Engineering Services	\$353,284	\$353,284					\$706,568
Project Contingency		\$110,000					\$110,000
							\$0
							\$0
TOTAL COST	\$447,668	\$463,284	\$0	\$0	\$0	\$0	\$910,952

Funding Source(s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
CIP	\$840,000	\$71,000					\$911,000
							\$0
TOTAL FUNDING SOURCES	\$840,000	\$71,000	\$0	\$0	\$0	\$0	\$911,000

1. Briefly Describe and provide justification for this Capital Project Request.

Replacement of grit pumps, grit motor controls, hydrocyclones, and installation of progressive cavity sludge pumps.

2. Describe the project status and completed work.

Pumps and hydrocyclones have been ordered. Construction to begin after delivery.

3. Describe any anticipated grants related to the project.

N/A

4. What impact will the project have on annual operation expenses? Please quantify and describe.

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Projected Operating Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Map / pictures of Project/Project Area (Attach brochures if available)

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

2019-2020 PROJECT SHEET

Proj. #: 12600-07

Project: Secondary Treatment Plant Upgrade

Project Lead: Mike Cortez

Dept.: Treatment Plant

Fund: Budget Page:

Project Type: New Project/Expansion Replacement Changed Maintenance

Priority Setting Factors:	H/S/W ¹⁾ 5	Maint. 3	Expan. 3	New 3	Low 1	Medium 3	High 5	OVERALL
Rating:	0	0	0	0	0	0	5	5

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Construction Cost	\$8,616,010	\$24,362,737	\$12,707,500	\$2,961,060			\$48,647,307
		(Note: Based on Project Funding Analysis Update dated 4/3/2019 by RR.)					\$0
							\$0
							\$0
TOTAL COST	\$8,616,010	\$24,362,737	\$12,707,500	\$2,961,060	\$0	\$0	\$48,647,307

Funding Source(s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
CIP, Bond, and Loan	\$8,616,010	\$24,362,737	\$12,707,500	\$2,961,060			\$48,647,307
		(Note: Based on Project Funding Analysis Update dated 4/3/2019 by RR.)					\$0
TOTAL FUNDING SOURCES	\$8,616,010	\$24,362,737	\$12,707,500	\$2,961,060	\$0	\$0	\$48,647,307

1. Briefly Describe and provide justification for this Capital Project Request.

Increase secondary treatment capacity and provide treatment plant upgrades.

2. Describe the project status and completed work.

Construction began in February 2019.

3. Describe any anticipated grants related to the project.

N/A

4. What impact will the project have on annual operation expenses? Please quantify and describe.

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Projected Operating Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Map / pictures of Project/Project Area (Attach brochures if available)

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

2019-2020 PROJECT SHEET

Proj. #: 20600-03

Project: Two Canopies for CNG Facilities

Project Lead: Mike Cortez

Dept.: Treatment Plant

Fund: Budget Page:

Project Type: New Project/Expansion Changed
 Replacement Maintenance

Priority Setting Factors:	H/S/W ¹⁾ 5	Maint. 3	Expan. 3	New 3	Low 1	Medium 3	High 5	OVERALL
Rating:	0	0	0	0	0	0	5	5

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Smith Ranch PS CNG Skid - Construction		\$75,000					\$75,000
Plant BioCNG Skid - Construction		\$75,000					\$75,000
							\$0
							\$0
TOTAL COST	\$0	\$150,000	\$0	\$0	\$0	\$0	\$150,000

Funding Source(s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
CIP		\$150,000					\$150,000
							\$0
TOTAL FUNDING SOURCES	\$0	\$150,000	\$0	\$0	\$0	\$0	\$150,000

1. Briefly Describe and provide justification for this Capital Project Request.

To protect existing CNG skid and fueling station equipment.

2. Describe the project status and completed work.

Project will start in FY 2020.

3. Describe any anticipated grants related to the project.

4. What impact will the project have on annual operation expenses? Please quantify and describe.

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Projected Operating Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Map / pictures of Project/Project Area (Attach brochures if available)

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

2019-2020 PROJECT SHEET

Proj. #: 20600-04

Project: Flow Equalization Basin

Project Lead: Mike Cortez

Dept.: Treatment Plant

Fund: Budget Page:

Project Type: New Project/Expansion Replacement Changed Maintenance

Priority Setting Factors:	H/S/W ¹⁾ 5	Maint. 3	Expan. 3	New 3	Low 1	Medium 3	High 5	OVERALL
Rating:	0	0	0	0	0	0	5	5

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Design Cost		\$400,000					\$400,000
Construction Cost			\$3,000,000	\$1,500,000			\$4,500,000
							\$0
							\$0
TOTAL COST	\$0	\$400,000	\$3,000,000	\$1,500,000	\$0	\$0	\$4,900,000

Funding Source(s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
CIP		\$400,000	\$3,000,000	\$1,500,000			\$4,900,000
							\$0
TOTAL FUNDING SOURCES	\$0	\$400,000	\$3,000,000	\$1,500,000	\$0	\$0	\$4,900,000

1. Briefly Describe and provide justification for this Capital Project Request.

Design and construction of flow equalization basin.

2. Describe the project status and completed work.

Design will start in FY 2020.

3. Describe any anticipated grants related to the project.

N/A

4. What impact will the project have on annual operation expenses? Please quantify and describe.

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Projected Operating Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Map / pictures of Project/Project Area (Attach brochures if available)

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)

2019-2020 PROJECT SHEET

Proj. #: 16650-02

Project: Recycled Water Facility Expansion

Project Lead: Mike Cortez

Dept.: Tertiary Facility

Fund: Budget Page:

Project Type: New Project/Expansion Replacement Changed Maintenance

Priority Setting Factors:	H/S/W ¹⁾ 5	Maint. 3	Expan. 3	New 3	Low 1	Medium 3	High 5	OVERALL
Rating:	0	0	0	0	0	0	5	5

A = Actual B = Budgeted

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
Construction Cost	\$6,591,160	\$4,299,306	\$2,242,500	\$522,540			\$13,655,506
	(Note: Based on 50%, 30%, and 20% of completion for first year, second year, and last year respectively.)						
							\$0
							\$0
							\$0
TOTAL COST	\$6,591,160	\$4,299,306	\$2,242,500	\$522,540	\$0	\$0	\$13,655,506
Funding Source(s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
CIP, Bond, Loan, MMWD Contribution, and USBR grant	\$6,591,160	\$4,299,306	\$2,242,500	\$522,540			\$13,655,506
	(Note: Based on 50%, 30%, and 20% of completion for first year, second year, and last year respectively.)						
TOTAL FUNDING SOURCES	\$6,591,160	\$4,299,306	\$2,242,500	\$522,540	\$0	\$0	\$13,655,506

1. Briefly Describe and provide justification for this Capital Project Request.

Expand Recycled Water Facility.

2. Describe the project status and completed work.

Construction began in February 2019.

3. Describe any anticipated grants related to the project.

USBR WaterSMART Grant

4. What impact will the project have on annual operation expenses? Please quantify and describe.

Projected Operating Expenses	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Future Yrs	TOTAL
	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Map / pictures of Project/Project Area (Attach brochures if available)

¹⁾ H/S/W = Health/Safety/Welfare (OSHA)