



WATERSHED PROTECTION

**Five-Year
Capital Improvement Program**

VENTURA COUNTY PUBLIC WORKS AGENCY

WATERSHED PROTECTION DISTRICT

FIVE YEAR PLANNED CAPITAL PROJECTS

(FUNDING SOURCE AND AMOUNT)

	FISCAL YEAR					
	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	Total
Zone: 1						
WPD Zone 1 Funding	\$ -3,468,000	\$ -1,982,000	\$ -265,000	\$ -220,000	\$ 6,530,650	\$ 595,650
Secured Grant Funding	\$ 5,930,000	\$ 1,514,000	\$ 435,000	\$ -	\$ -	\$ 7,879,000
Unsecured Grant Funding	\$ 278,000	\$ 1,200,000	\$ 590,000	\$ 290,000	\$ 4,500,000	\$ 6,858,000
Zone 1 Capital Expenditures	\$ 2,740,000	\$ 732,000	\$ 760,000	\$ 70,000	\$ 11,030,650	\$ 15,332,650
Zone: 2						
WPD Zone 2 Funding	\$ 10,320,563	\$ 2,491,000	\$ -4,462,000	\$ 2,425,000	\$ 14,290,000	\$ 25,064,563
Secured Grant Funding	\$ 540,000	\$ 5,540,000	\$ 2,912,000	\$ -	\$ -	\$ 8,992,000
Unsecured Grant Funding	\$ -	\$ 5,000,000	\$ 2,500,000	\$ 1,900,000	\$ 1,900,000	\$ 11,300,000
Zone 2 Capital Expenditures	\$ 10,860,563	\$ 13,031,000	\$ 950,000	\$ 4,325,000	\$ 16,190,000	\$ 45,356,563
Zone: 3						
WPD Zone 3 Funding	\$ 6,132,000	\$ -1,075,000	\$ 5,885,000	\$ 3,620,000	\$ 3,760,000	\$ 18,322,000
Secured Grant Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Unsecured Grant Funding	\$ 395,000	\$ 3,835,000	\$ 395,000	\$ -	\$ -	\$ 4,625,000
Zone 3 Capital Expenditures	\$ 6,527,000	\$ 2,760,000	\$ 6,280,000	\$ 3,620,000	\$ 3,760,000	\$ 22,947,000
Zone: 4						
WPD Zone 4 Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Secured Grant Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Unsecured Grant Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Zone 4 Capital Expenditures	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Stormwater						
County Stormwater Funding	\$ -4,172	\$ -	\$ -	\$ -	\$ -	\$ -4,172
Secured Grant Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Unsecured Grant Funding	\$ 994,154	\$ -	\$ -	\$ -	\$ -	\$ 994,154
Stormwater Capital Expenditures	\$ 989,982	\$ -	\$ -	\$ -	\$ -	\$ 989,982
Annual Total	\$ 21,117,545	\$ 16,523,000	\$ 7,990,000	\$ 8,015,000	\$ 30,980,650	\$ 84,626,195

- Notes:** 1. If adequate projected funding is not provided to support this Capital Improvement Program, projects may have to be deferred.
2. Secured Funding are grants that have been awarded by the funding agency. Unsecured funding are grants that have not yet been awarded.
3. If grant reimbursement lags expenditures, negative Zone Funding may be shown for a given year, indicating a net cash in-flow.

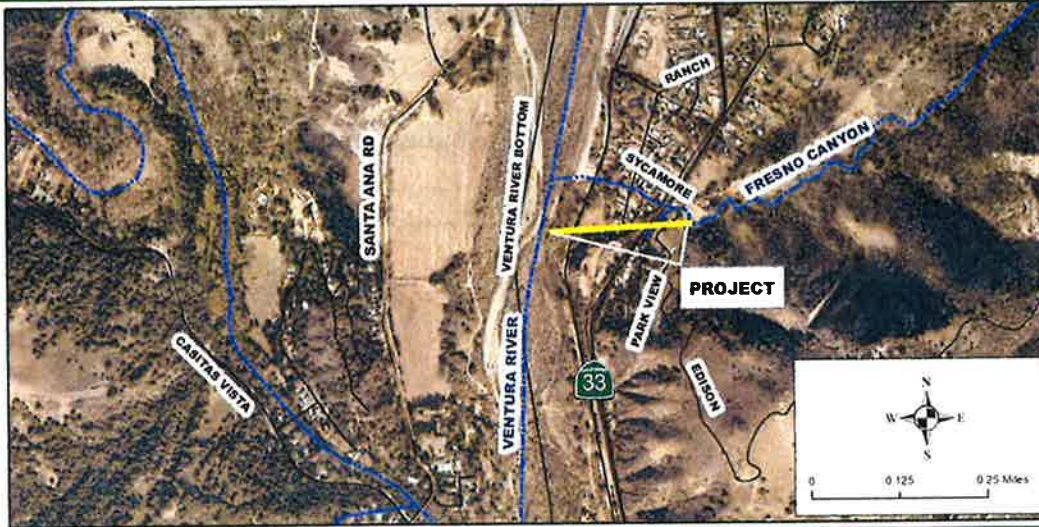
VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****FIVE YEAR PLANNED CAPITAL PROJECTS****ZONE: 1****FISCAL YEAR (2019/2020)**

	<u>Project</u>	<u>Location</u>	<u>Estimated Costs</u>
1	Fresno Canyon Diversion	Community of Casitas Springs	\$ 390,000
2	Matilija Dam Removal 65% Design Planning Project	North of the Community of Meiners Oaks	\$ 2,040,000
3	Matilija Dam Removal Estuarine and Coastal Modeling	City of Ventura	\$ 20,000
4	Ventura River Levee at Casitas Springs (VR-2)	Community of Casitas Springs	\$ 50,000
5	Ventura River Levee at Ventura (VR-1)	City of Ventura	\$ 240,000

Grand Total: \$ 2,740,000

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****FIVE YEAR PLANNED CAPITAL PROJECTS****ZONE: 1****FISCAL YEARS (2020/2021 to 2023/2024)**

<u>Project</u>	<u>Location</u>	<u>Estimated Costs</u>
1 Fresno Canyon Diversion	Community of Casitas Springs	\$ 520,000
2 Matilija Dam Removal 65% Design Planning Project	North of the Community of Meiners Oaks	\$ 152,000
3 Matilija Dam Removal Estuarine and Coastal Modeling	City of Ventura	\$ -
4 Ventura River Levee at Casitas Springs (VR-2)	Community of Casitas Springs	\$ 770,000
5 Ventura River Levee at Ventura (VR-1)	City of Ventura	\$ 11,150,650
Grand Total:		\$ 12,592,650

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****Project Name:** Fresno Canyon Diversion**Project No.:** 81181**Supervisory District:** 1**Zone:** 1**Unincorporated Area:** X **City of:** N/A**Location:** Community of Casitas Springs**LOCATION MAP****SCOPE OF WORK AND OBJECTIVE**

Construct a reinforced concrete pipe diversion from upstream of Highway 33 to Ventura River. The purpose of this project is to provide 100-year flood protection from Fresno Canyon to the community of Casitas Springs.

ESTIMATED COSTS PER FISCAL YEAR

Category	Prev Years	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Design:	\$ 1,920,205	\$ -	\$ -	\$ -	\$ -	\$ -
Right of Way:	\$ 779,287	\$ -	\$ -	\$ -	\$ -	\$ -
Con. Eng./Insp.:	\$ 165,820	\$ 375,000	\$ 40,000	\$ -	\$ -	\$ -
Construction:	\$ 6,010,606	\$ -	\$ -	\$ -	\$ -	\$ -
*Miscellaneous:	\$ 16,869	\$ 15,000	\$ 480,000	\$ -	\$ -	\$ -
Fiscal Year Total:	\$ 8,892,787	\$ 390,000	\$ 520,000	\$ -	\$ -	\$ -
Total Estimated Costs:	\$ 9,802,787					

ENVIRONMENTAL REQUIREMENTS

Cat. Ex: **Neg. Dec:** **EIR/EIS:** X **Date Completed:** 05/13/2014 **Date Filed:** 05/13/2014

REMARKS

Additional annual operations and maintenance costs = \$20,000. Mitigation monitoring and maintenance costs = \$100,000 (funded annually over five years from construction completion). FEMA will reimburse 75% of costs, up to a maximum of \$5,000,000.

Prepared By: Masood Jilani**Date:** 05/20/2019

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****Project Name:** Matilija Dam Removal 65% Design Planning Project**Project No.:** 81905**Supervisorial District:** 1**Zone:** 1**Unincorporated Area:** X **City of:** N/A**Location:** North of the Community of Meiners Oaks**LOCATION MAP****SCOPE OF WORK AND OBJECTIVE**

The Matilija Dam project objectives are to remove the dam to provide steelhead passage to upstream habitat, and sediment transport of sand to the beaches. The scope of this project is 65% of all project components, CEQA/NEPA compliance, and permits.

ESTIMATED COSTS PER FISCAL YEAR

Category	Prev Years	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Design:	\$ 1,163,576	\$ 2,040,000	\$ 152,000	\$ -	\$ -	\$ -
Right of Way:	\$ 326	\$ -	\$ -	\$ -	\$ -	\$ -
Con. Eng./Insp.:	\$ 1,473	\$ -	\$ -	\$ -	\$ -	\$ -
Construction:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
*Miscellaneous:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total:	\$ 1,165,374	\$ 2,040,000	\$ 152,000	\$ -	\$ -	\$ -
Total Estimated Costs:	\$ 3,357,374					

ENVIRONMENTAL REQUIREMENTS**Cat. Ex:** **Neg. Dec:** **EIR/EIS:** X **Date Completed:** 12/14/2004 **Date Filed:** 12/17/2004**REMARKS**

This project will be reimbursed 100% up to a limit of \$3.3M from California Department of Fish and Wildlife.

Prepared By: Peter Sheydayi**Date:** 05/23/2019

VENTURA COUNTY PUBLIC WORKS AGENCY

WATERSHED PROTECTION DISTRICT

Project Name: Matilija Dam Removal Estuarine and Coastal Modeling

Project No.: 81904

Supervisory District: 1

Zone: 1

Unincorporated Area:

City of: Ventura

Location: N/A

LOCATION MAP



SCOPE OF WORK AND OBJECTIVE

The objective of the project is to provide detailed modeling of sediments delivered to the Ventura River estuary and nearshore waters as a result of the removal of Matilija Dam assessing effects on estuarine and marine habitats.

ESTIMATED COSTS PER FISCAL YEAR

Category	Prev Years	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Design:	\$ 262,219	\$ 20,000	\$ -	\$ -	\$ -	\$ -
Right of Way:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Con. Eng./Insp.:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
*Miscellaneous:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total:	\$ 262,219	\$ 20,000	\$ -	\$ -	\$ -	\$ -
Total Estimated Costs:	\$ 282,219					

ENVIRONMENTAL REQUIREMENTS

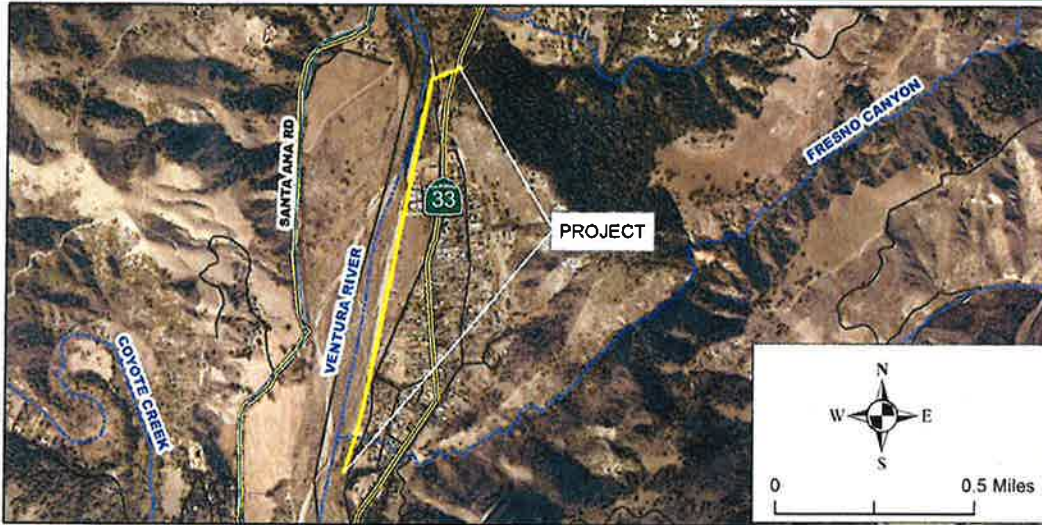
Cat. Ex: **Neg. Dec:** **EIR/EIS:** X **Date Completed:** 12/14/2004 **Date Filed:** 12/17/2004

REMARKS

All costs for this modeling study will be paid for by a National Fish and Wildlife Foundation grant.

Prepared By: Shweta Chervu

Date: 05/23/2019

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****Project Name:** Ventura River Levee at Casitas Springs (VR-2)**Project No.:** 81025**Supervisorial District:** 1**Zone:** 1**Unincorporated Area:** X **City of:** N/A**Location:** Community of Casitas Springs**LOCATION MAP****SCOPE OF WORK AND OBJECTIVE**

Complete improvements to the Casitas Spring Levee required for certification of the levee to meet 44 CFR 65.10 and provide 100-year flood protection to the community of Casitas Springs.

ESTIMATED COSTS PER FISCAL YEAR

Category	Prev Years	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Design:	\$ 798,076	\$ 50,000	\$ -	\$ 700,000	\$ 70,000	\$ -
Right of Way:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Con. Eng./Insp.:	\$ 1,982	\$ -	\$ -	\$ -	\$ -	\$ -
Construction:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
*Miscellaneous:	\$ 419	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total:	\$ 800,477	\$ 50,000	\$ -	\$ 700,000	\$ 70,000	\$ -
Total Estimated Costs:	\$ 1,620,477					

ENVIRONMENTAL REQUIREMENTS

Cat. Ex: **Neg. Dec:** X **EIR/EIS:** **Date Completed:** -- **Date Filed:** ---

REMARKS

55% of current scope of work, including preliminary design and geotechnical investigations, will be funded by a Department of Water Resources 2015 LLAP grant.

Prepared By: Masood Jilani**Date:** 05/20/2019

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****Project Name:** Ventura River Levee at Ventura (VR-1)**Project No.:** 81020**Supervisory District:** 1**Zone:** 1**Unincorporated Area:****City of:** Ventura**Location:** N/A**LOCATION MAP****SCOPE OF WORK AND OBJECTIVE**

Complete the engineering design and environmental compliance of improvements required to certify the existing U.S. Army Corps of Engineers' built Ventura River Levee (VR-1). The objective is to certify the levee and provide 100-yr flood protection.

ESTIMATED COSTS PER FISCAL YEAR

Category	Prev Years	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Design:	\$ 2,516,700	\$ 240,000	\$ 60,000	\$ 60,000	\$ -	\$ 85,000
Right of Way:	\$ 19,536	\$ -	\$ -	\$ -	\$ -	\$ 25,000
Con. Eng./Insp.:	\$ 140,107	\$ -	\$ -	\$ -	\$ -	\$ 320,650
Construction:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,600,000
*Miscellaneous:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total:	\$ 2,676,342	\$ 240,000	\$ 60,000	\$ 60,000	\$ -	\$ 11,030,650
Total Estimated Costs:	\$ 14,066,992					

ENVIRONMENTAL REQUIREMENTS**Cat. Ex:****Neg. Dec:****EIR/EIS:** X**Date Completed:--****Date Filed:--****REMARKS**

55% of current scope of work, including final design, CEQA, and permitting is funded by a DWR LLAP grant. Construction in FY24 assumes 75% grant funding is secured. Additional Annual Operations and Maintenance Costs = \$0.

Prepared By: Salvador Diaz-Rubin**Date:** 05/22/2019

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****FIVE YEAR PLANNED CAPITAL PROJECTS****ZONE: 2****FISCAL YEAR (2019/2020)**

<u>Project</u>	<u>Location</u>	<u>Estimated Costs</u>
1 Brown Barranca Improvements - Santa Clara River to Telephone Road	City of Ventura	\$ -
2 Cavin Road Debris Basin Retrofits	East of the City of Fillmore	\$ 1,205,050
3 Pole Creek Channel Improvements	City of Fillmore	\$ -
4 Santa Clara River Levee D/S of Hwy 101 (SCR-3)	City of Oxnard	\$ 451,000
5 Santa Clara River Levee U/S of Hwy 101 (SCR-1)	City of Oxnard	\$ 272,413
6 tsumas Creek - Hueneme Road to Pleasant Valley Road	City of Oxnard	\$ 8,932,100
Grand Total:		\$ 10,860,563

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****FIVE YEAR PLANNED CAPITAL PROJECTS****ZONE: 2****FISCAL YEARS (2020/2021 to 2023/2024)**

<u>Project</u>	<u>Location</u>	<u>Estimated Costs</u>
1 Brown Barranca Improvements - Santa Clara River to Telephone Road	City of Ventura	\$ 9,575,000
2 Cavin Road Debris Basin Retrofits	East of the City of Fillmore	\$ 26,000
3 Pole Creek Channel Improvements	City of Fillmore	\$ 650,000
4 Santa Clara River Levee D/S of Hwy 101 (SCR-3)	City of Oxnard	\$ 11,925,000
5 Santa Clara River Levee U/S of Hwy 101 (SCR-1)	City of Oxnard	\$ 11,290,000
6 tsumas Creek - Hueneme Road to Pleasant Valley Road	City of Oxnard	\$ 1,030,000

Grand Total: \$ 34,496,000

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****Project Name:** Brown Barranca Improvements - Santa Clara River to Telephone Road **Project No.:** TBD**Supervisory District:** 1**Zone:** 2**Unincorporated Area:****City of:** Ventura**Location:** N/A**LOCATION MAP****SCOPE OF WORK AND OBJECTIVE**

Construct channel improvements from the Santa Clara River to Telephone Road. Objective is to provide 100-year flood protection and eliminate severe bank erosion issues within the project reach.

ESTIMATED COSTS PER FISCAL YEAR

Category	Prev Years	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Design:	\$ -	\$ -	\$ 200,000	\$ 650,000	\$ 200,000	\$ -
Right of Way:	\$ -	\$ -	\$ -	\$ -	\$ 325,000	\$ -
Con. Eng./Insp.:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000
Construction:	\$ -	\$ -	\$ -	\$ -	\$ 3,800,000	\$ 3,800,000
*Miscellaneous:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total:	\$ -	\$ -	\$ 200,000	\$ 650,000	\$ 4,325,000	\$ 4,400,000
Total Estimated Costs:	\$ 9,575,000					

ENVIRONMENTAL REQUIREMENTS**Cat. Ex:** **Neg. Dec:** X **EIR/EIS:** **Date Completed:--** **Date Filed:--****REMARKS**

The City of Ventura has identified \$1.7M of development related fees for this project. District will also apply for state and federal grants to fund construction. Addition annual operations and maintenance costs = \$0.00

Prepared By: Peter Sheydayi**Date:** 03/29/2019

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****Project Name:** Cavin Road Debris Basin Retrofits**Project No.:** 83221**Supervisory District:** 3**Zone:** 2**Unincorporated Area:** X **City of:** N/A**Location:** East of the City of Fillmore**LOCATION MAP****SCOPE OF WORK AND OBJECTIVE**

The purpose of this project is to modify the primary outlet to pass more sediment during annual storms, and improve the emergency spillway to meet District dam freeboard criteria.

ESTIMATED COSTS PER FISCAL YEAR

Category	Prev Years	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Design:	\$ 163,564	\$ 225,050	\$ -	\$ -	\$ -	\$ -
Right of Way:	\$ 3,339	\$ 60,000	\$ -	\$ -	\$ -	\$ -
Con. Eng./Insp.:	\$ -	\$ 175,000	\$ 26,000	\$ -	\$ -	\$ -
Construction:	\$ -	\$ 745,000	\$ -	\$ -	\$ -	\$ -
*Miscellaneous:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total:	\$ 166,903	\$ 1,205,050	\$ 26,000	\$ -	\$ -	\$ -
Total Estimated Costs:	\$ 1,397,953					

ENVIRONMENTAL REQUIREMENTS**Cat. Ex:** X**Neg. Dec:****EIR/EIS:****Date Completed:--****Date Filed:--****REMARKS**

Additional Annual Operations and Maintenance Costs = \$0. Work expected to fit within the Routine O&M Program regulatory permit authorization requirements.

Prepared By: Salvador Diaz-Rubin**Date:** 03/29/2019

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****Project Name:** Pole Creek Channel Improvements**Project No.:** TBD**Supervisory District:** 3**Zone:** 2**Unincorporated Area:****City of:** Fillmore**Location:** N/A**LOCATION MAP****SCOPE OF WORK AND OBJECTIVE**

Construct channel improvements to restore the existing deteriorating inadequate facility. Objective is to provide 100-yr flood protection to adjacent residential properties.

ESTIMATED COSTS PER FISCAL YEAR

Category	Prev Years	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Design:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 650,000
Right of Way:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Con. Eng./Insp.:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
*Miscellaneous:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 650,000
Total Estimated Costs:	\$ 650,000					

ENVIRONMENTAL REQUIREMENTS

Cat. Ex: **Neg. Dec:**X **EIR/EIS:** **Date Completed:---** **Date Filed:---**

REMARKS

Project adjacent to Chevron Superfund site with fish passage issues to resolve. Project sponsors will be needed based on current estimates of flood benefits.

Prepared By: Kirk Norman**Date:** 03/29/2019

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****Project Name:** Santa Clara River Levee D/S of Hwy 101 (SCR-3)**Project No.:** 82045**Supervisory District:** 1, 5**Zone:** 2**Unincorporated Area:****City of:** Oxnard**Location:** N/A**LOCATION MAP****SCOPE OF WORK AND OBJECTIVE**

Upgrades to the levee improvements on the south bank of the Santa Clara River from the Bailard Landfill to the UPRR crossing. The objective is to protect adjacent properties from the 100-yr flood. The remainder of the project scope is for Phase 2.

ESTIMATED COSTS PER FISCAL YEAR

Category	Prev Years	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Design:	\$ 3,442,027	\$ 105,000	\$ -	\$ -	\$ -	\$ -
Right of Way:	\$ 129,364	\$ -	\$ -	\$ -	\$ -	\$ -
Con. Eng./Insp.:	\$ 997,142	\$ 325,000	\$ 700,000	\$ 225,000	\$ -	\$ -
Construction:	\$ 3,777,327	\$ -	\$ 11,000,000	\$ -	\$ -	\$ -
*Miscellaneous:	\$ 4,910	\$ 21,000	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total:	\$ 8,350,770	\$ 451,000	\$ 11,700,000	\$ 225,000	\$ -	\$ -
Total Estimated Costs:	\$ 20,726,770					

ENVIRONMENTAL REQUIREMENTS**Cat. Ex:** **Neg. Dec:** **EIR/EIS:** X **Date Completed:** 07/26/2016 **Date Filed:** 07/26/2016**REMARKS**

55% of design, CEQA and Phase 1 construction were funded by a DWR LLAP grant. City of Oxnard project funding is in the process of being secured. Mitigation monitoring and maintenance costs = \$400K. Additional Annual Operations and Maintenance Costs = \$0.

Prepared By: Masood Jilani**Date:** 05/23/2019

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****Project Name:** Santa Clara River Levee U/S of Hwy 101 (SCR-1)**Project No.:** 82035**Supervisory District:** 1, 3, 5**Zone:** 2**Unincorporated Area:****City of:** Oxnard**Location:** N/A**LOCATION MAP****SCOPE OF WORK AND OBJECTIVE**

Upgrade existing U.S. Army Corps of Engineers built levee improvements on the south bank of the Santa Clara River from Hwy 101 to upstream of Hwy 118 to protect adjacent properties from the 100-yr flood and certify the levee.

ESTIMATED COSTS PER FISCAL YEAR

Category	Prev Years	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Design:	\$ 3,612,552	\$ 272,413	\$ 75,000	\$ 75,000	\$ -	\$ -
Right of Way:	\$ 14,085	\$ -	\$ -	\$ -	\$ -	\$ 10,000
Con. Eng./Insp.:	\$ 5,862	\$ -	\$ -	\$ -	\$ -	\$ 330,000
Construction:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,800,000
*Miscellaneous:	\$ 157	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total:	\$ 3,632,655	\$ 272,413	\$ 75,000	\$ 75,000	\$ -	\$ 11,140,000
Total Estimated Costs:	\$ 15,195,068					

ENVIRONMENTAL REQUIREMENTS**Cat. Ex:****Neg. Dec:****EIR/EIS:** X**Date Completed:---****Date Filed:---****REMARKS**

Current scope of work includes final design, CEQA, and permitting. 55% of final design/CEQA documentation is funded by DWR LLAP grant. Construction in FY24 assumes 50% grant funding is secured. Additional Operations and Maintenance Costs = \$0.

Prepared By: Kirk Norman**Date:** 05/22/2019

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****Project Name:** tsumas Creek - Hueneme Road to Pleasant Valley Road**Project No.:** 82323**Supervisory District:** 3, 5**Zone:** 2**Unincorporated Area:****City of:** Oxnard**Location:** N/A**LOCATION MAP****SCOPE OF WORK AND OBJECTIVE**

Construct 850 linear feet of channel improvements from downstream of Hueneme Road to upstream of Hueneme Rd. to provide 100-yr flow protection to adjacent residential properties.

ESTIMATED COSTS PER FISCAL YEAR

Category	Prev Years	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Design:	\$ 562,802	\$ 192,100	\$ 5,000	\$ -	\$ -	\$ -
Right of Way:	\$ 972	\$ 10,000	\$ -	\$ -	\$ -	\$ -
Con. Eng./Insp.:	\$ 11,634	\$ 710,000	\$ 205,000	\$ -	\$ -	\$ -
Construction:	\$ -	\$ 8,020,000	\$ 820,000	\$ -	\$ -	\$ -
*Miscellaneous:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total:	\$ 575,408	\$ 8,932,100	\$ 1,030,000	\$ -	\$ -	\$ -
Total Estimated Costs:	\$ 10,537,508					

ENVIRONMENTAL REQUIREMENTS**Cat. Ex:****Neg. Dec:****EIR/EIS:** X**Date Completed:** 03/27/2012**Date Filed:** 03/28/2012**REMARKS**

The project includes a \$7.4M grant to construct the project. The City of Oxnard and District need to enter into an agreement to share project costs and outline future maintenance responsibilities. Additional Annual Operations and Maintenance Costs = \$0.

Prepared By: Kirk Norman**Date:** 05/23/2019

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****FIVE YEAR PLANNED CAPITAL PROJECTS****ZONE: 3****FISCAL YEAR (2019/2020)**

Project	Location	Estimated Costs
1 Arroyo Simi Grade Stabilization - Hitch Blvd to UPRR	City of Moorpark	\$ 2,290,000
2 Calleguas Creek Levee - Hwy 101 to Adolfo Rd (CC-2)	City of Camarillo	\$ 450,000
3 Castro Williams Debris Basin Safety Retrofits	City of Moorpark	\$ -
4 Conejo Mountain Creek Detention Basins 2-5 at Dos Vientos	City of Thousand Oaks	\$ 395,000
5 Ferro Ditch Channel Improvement	West of the City of Camarillo	\$ 2,045,000
6 Fox Canyon Debris Basin Safety Retrofits	Community of Somis	\$ -
7 Las Lajas Canyon - Arroyo Simi to Alamo Street	City of Simi Valley	\$ -
8 Moorpark Operations Yard Upgrade	City of Moorpark	\$ 500,000
9 Santa Rosa Road #2 Debris Basin Decommissioning	North of the City of Thousand Oaks	\$ 847,000
Grand Total:		\$ 6,527,000

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****FIVE YEAR PLANNED CAPITAL PROJECTS****ZONE: 3****FISCAL YEARS (2020/2021 to 2023/2024)**

Project	Location	Estimated Costs
1 Arroyo Simi Grade Stabilization - Hitch Blvd to UPRR	City of Moorpark	\$ 4,400,000
2 Calleguas Creek Levee - Hwy 101 to Adolfo Rd (CC-2)	City of Camarillo	\$ 120,000
3 Castro Williams Debris Basin Safety Retrofits	City of Moorpark	\$ 1,040,000
4 Conejo Mountain Creek Detention Basins 2-5 at Dos Vientos	City of Thousand Oaks	\$ 2,315,000
5 Ferro Ditch Channel Improvement	West of the City of Camarillo	\$ 460,000
6 Fox Canyon Debris Basin Safety Retrofits	Community of Somis	\$ 1,060,000
7 Las Lajas Canyon - Arroyo Simi to Alamo Street	City of Simi Valley	\$ 400,000
8 Moorpark Operations Yard Upgrade	City of Moorpark	\$ 6,525,000
9 Santa Rosa Road #2 Debris Basin Decommissioning	North of the City of Thousand Oaks	\$ 100,000

Grand Total: \$ 16,420,000

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****Project Name:** Arroyo Simi Grade Stabilization - Hitch Blvd to UPRR**Project No.:** 87006**Supervisory District:** 4**Zone:** 3**Unincorporated Area:****City of:** Moorpark**Location:** N/A**LOCATION MAP****SCOPE OF WORK AND OBJECTIVE**

Project scope includes invert stabilization to eliminate scour and degradation within the project reach. A preliminary design study will be completed to properly site which stabilizers need to be improved and which may be removed.

ESTIMATED COSTS PER FISCAL YEAR

Category	Prev Years	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Design:	\$ 274,191	\$ 360,000	\$ -	\$ 270,000	\$ -	\$ 270,000
Right of Way:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Con. Eng./Insp.:	\$ -	\$ 380,000	\$ -	\$ 380,000	\$ -	\$ 380,000
Construction:	\$ -	\$ 1,500,000	\$ -	\$ 1,500,000	\$ -	\$ 1,500,000
*Miscellaneous:	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ 50,000
Fiscal Year Total:	\$ 274,191	\$ 2,290,000	\$ -	\$ 2,200,000	\$ -	\$ 2,200,000
Total Estimated Costs:	\$ 6,964,191					

ENVIRONMENTAL REQUIREMENTS

Cat. Ex: **Neg. Dec:** X **EIR/EIS:** **Date Completed:** -- **Date Filed:** --

REMARKS

Additional annual operations and maintenance costs = \$0.00 Environmental mitigation will be required for new rock/concrete. Scope assumes that six stabilizers will be repaired or constructed to complete project.

Prepared By: Peter Sheydayi**Date:** 05/21/2019

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****Project Name:** Calleguas Creek Levee - Hwy 101 to Adolfo Rd (CC-2)**Project No.:** 15049**Supervisory District:** 3**Zone:** 3**Unincorporated Area:****City of:** Camarillo**Location:** N/A**LOCATION MAP****SCOPE OF WORK AND OBJECTIVE**

The objective of this project is to construct improvements to the existing Calleguas Creek Levee (CC-2) between Hwy 101 and Adolfo Road, and Somis Drain upstream to correct deficiencies in order to certify the existing levee with FEMA.

ESTIMATED COSTS PER FISCAL YEAR

Category	Prev Years	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Design:	\$ 419,548	\$ 450,000	\$ 120,000	\$ -	\$ -	\$ -
Right of Way:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Con. Eng./Insp.:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
*Miscellaneous:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total:	\$ 419,548	\$ 450,000	\$ 120,000	\$ -	\$ -	\$ -
Total Estimated Costs:	\$ 989,548					

ENVIRONMENTAL REQUIREMENTS**Cat. Ex:** **Neg. Dec:** X **EIR/EIS:** **Date Completed:** --- **Date Filed:** ---**REMARKS**

Mitigation monitoring and maintenance costs are unknown at this time. 55% of preliminary design is being funded by a DWR LLAP grant. Scope of work includes completion of final design, CEQA documentation, and permitting.

Prepared By: Shweta Chervu**Date:** 05/23/2019

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****Project Name:** Castro Williams Debris Basin Safety Retrofits**Project No.:** TBD**Supervisory District:** 4**Zone:** 3**Unincorporated Area:****City of:** Moorpark**Location:** N/A**LOCATION MAP****SCOPE OF WORK AND OBJECTIVE**

The objective of this project is to retrofit or replace the existing emergency spillway to meet District dam freeboard requirements.

ESTIMATED COSTS PER FISCAL YEAR

Category	Prev Years	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Design:	\$ -	\$ -	\$ 120,000	\$ 130,000	\$ -	\$ -
Right of Way:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Con. Eng./Insp.:	\$ -	\$ -	\$ -	\$ -	\$ 140,000	\$ -
Construction:	\$ -	\$ -	\$ -	\$ 650,000	\$ -	\$ -
*Miscellaneous:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total:	\$ -	\$ -	\$ 120,000	\$ 780,000	\$ 140,000	\$ -
Total Estimated Costs:	\$ 1,040,000					

ENVIRONMENTAL REQUIREMENTS**Cat. Ex:** X**Neg. Dec:****EIR/EIS:****Date Completed:--****Date Filed:---****REMARKS**

Additional Annual Operations and Maintenance Costs = \$0 Work expected to fit within the Routine O&M Program regulatory permit authorization requirements.

Prepared By: Peter Sheydayi**Date:** 03/28/2019

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****Project Name:** Conejo Mountain Creek Detention Basins 2-5 at Dos Vientos**Project No.:** 86910**Supervisory District:** 2**Zone:** 3**Unincorporated Area:****City of:** Thousand Oaks**Location:** N/A**LOCATION MAP****SCOPE OF WORK AND OBJECTIVE**

Rehabilitate existing debris and detention basins to meet District design standards. Focus is on developing a solution to solve detention and debris volume deficiencies.

ESTIMATED COSTS PER FISCAL YEAR

Category	Prev Years	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Design:	\$ 620,375	\$ 395,000	\$ 10,000	\$ -	\$ -	\$ -
Right of Way:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Con. Eng./Insp.:	\$ 558	\$ -	\$ 375,000	\$ 35,000	\$ -	\$ -
Construction:	\$ -	\$ -	\$ 1,500,000	\$ -	\$ -	\$ -
*Miscellaneous:	\$ -	\$ -	\$ -	\$ 395,000	\$ -	\$ -
Fiscal Year Total:	\$ 620,933	\$ 395,000	\$ 1,885,000	\$ 430,000	\$ -	\$ -
Total Estimated Costs:	\$ 3,330,933					

ENVIRONMENTAL REQUIREMENTS**Cat. Ex:** **Neg. Dec:** X **EIR/EIS:** **Date Completed:** --- **Date Filed:** ---**REMARKS**

Funding for this project is from a negotiated settlement from the developer that initially constructed these facilities.

Prepared By: Robin Jester**Date:** 05/21/2019

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****Project Name:** Santa Rosa Road #2 Debris Basin Decommissioning**Project No.:** 86903**Supervisory District:** 2**Zone:** 3**Unincorporated Area:** X **City of:** N/A**Location:** North of the City of Thousand Oaks**LOCATION MAP****SCOPE OF WORK AND OBJECTIVE**

The objective of this project is to remove the Santa Rosa Road #2 Debris Basin and restore the impacted area. The current dam and spillway do not meet current design criteria and the facility has marginal flood protection benefit.

ESTIMATED COSTS PER FISCAL YEAR

Category	Prev Years	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Design:	\$ 388,575	\$ 35,000	\$ -	\$ -	\$ -	\$ -
Right of Way:	\$ 14,581	\$ 7,000	\$ -	\$ -	\$ -	\$ -
Con. Eng./Insp.:	\$ -	\$ 190,000	\$ -	\$ -	\$ -	\$ -
Construction:	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ -
*Miscellaneous:	\$ -	\$ 15,000	\$ 50,000	\$ 50,000	\$ -	\$ -
Fiscal Year Total:	\$ 403,155	\$ 847,000	\$ 50,000	\$ 50,000	\$ -	\$ -
Total Estimated Costs:	\$ 1,350,155					

ENVIRONMENTAL REQUIREMENTS**Cat. Ex:** **Neg. Dec:** X **EIR/EIS:** **Date Completed:** -- **Date Filed:** --**REMARKS**

Additional Annual Operations and Maintenance Costs = \$0. On-site mitigation monitoring and maintenance costs = \$100,000.

Prepared By: Salvador Diaz-Rubin**Date:** 05/23/2019

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****FIVE YEAR PLANNED CAPITAL PROJECTS****COUNTY STORMWATER****FISCAL YEAR (2019/2020)**

<u>Project</u>	<u>Location</u>	<u>Estimated Costs</u>
1 Oak Park Green Streets Urban Retrofit	Community of Oak Park	\$ 873,000
2 Piru Stormwater Capture for Groundwater Recharge	Community of Piru	\$ 116,982
Grand Total:		\$ 989,982

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****Project Name:** Las Lajas Canyon - Arroyo Simi to Alamo Street**Project No.:** TBD**Supervisory District:** 4**Zone:** 3**Unincorporated Area:****City of:** Simi Valley**Location:** N/A**LOCATION MAP****SCOPE OF WORK AND OBJECTIVE**

Construct channel improvements from the Arroyo Simi to Alamo Street. Objective is to provide 100-year flood protection within the project reach.

ESTIMATED COSTS PER FISCAL YEAR

Category	Prev Years	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Design:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000
Right of Way:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Con. Eng./Insp.:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
*Miscellaneous:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000
Total Estimated Costs:	\$ 400,000					

ENVIRONMENTAL REQUIREMENTS

Cat. Ex: **Neg. Dec:** X **EIR/EIS:** **Date Completed:** --- **Date Filed:** ---

REMARKS

Additional Annual Operations and Maintenance Costs = \$0. Mitigation monitoring and maintenance costs are unknown at this time.

Prepared By: Peter Sheydayi**Date:** 05/23/2019

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****Project Name:** Moorpark Operations Yard Upgrade**Project No.:** TBD**Supervisory District:** 4**Zone:** 3**Unincorporated Area:****City of:** Moorpark**Location:** N/A**LOCATION MAP****SCOPE OF WORK AND OBJECTIVE**

The objective of this project is to reconstruct the aging and deficient Moorpark Operations Yard to meet current safety requirements.

ESTIMATED COSTS PER FISCAL YEAR

Category	Prev Years	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Design:	\$ -	\$ 500,000	\$ 125,000	\$ -	\$ -	\$ -
Right of Way:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
Con. Eng./Insp.:	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000	\$ -
Construction:	\$ -	\$ -	\$ -	\$ 2,500,000	\$ 2,500,000	\$ -
*Miscellaneous:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total:	\$ -	\$ 500,000	\$ 125,000	\$ 2,700,000	\$ 2,700,000	\$ 1,000,000
Total Estimated Costs:	\$ 7,025,000					

ENVIRONMENTAL REQUIREMENTS**Cat. Ex:** **Neg. Dec:**X **EIR/EIS:** **Date Completed:--** **Date Filed:--****REMARKS**

Design and Construction of the Moorpark Operations Yard Upgrade will be carried out jointly with PWA's Transportation Department.

Prepared By: Karl Novak**Date:** 03/29/2019

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****Project Name:** Ferro Ditch Channel Improvement**Project No.:** 85301**Supervisory District:** 3**Zone:** 3**Unincorporated Area:** X **City of:** N/A**Location:** West of the City of Camarillo**LOCATION MAP****SCOPE OF WORK AND OBJECTIVE**

Reconstruct existing earthen and concreted rock channel. Project objective is to increase channel capacity and improve access roads to protect adjacent properties and improve dam safety for Ferro Debris Basin.

ESTIMATED COSTS PER FISCAL YEAR

Category	Prev Years	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Design:	\$ 490,085	\$ 85,000	\$ -	\$ -	\$ -	\$ -
Right of Way:	\$ 5,908	\$ 90,000	\$ -	\$ -	\$ -	\$ -
Con. Eng./Insp.:	\$ -	\$ 70,000	\$ 250,000	\$ -	\$ -	\$ -
Construction:	\$ -	\$ 1,800,000	\$ -	\$ -	\$ -	\$ -
*Miscellaneous:	\$ 1,057	\$ -	\$ 210,000	\$ -	\$ -	\$ -
Fiscal Year Total:	\$ 497,050	\$ 2,045,000	\$ 460,000	\$ -	\$ -	\$ -
Total Estimated Costs:	\$ 3,002,050					

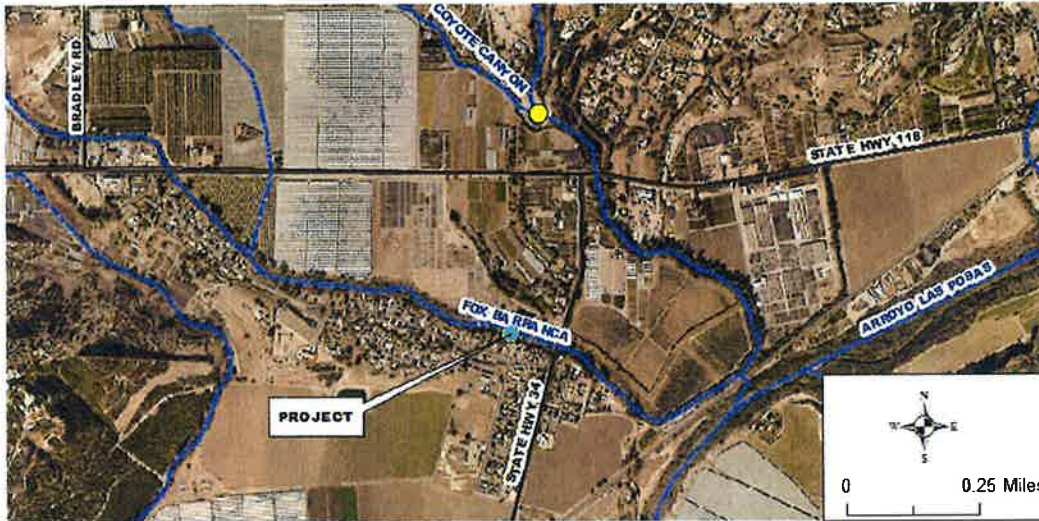
ENVIRONMENTAL REQUIREMENTS

Cat. Ex: **Neg. Dec:** X **EIR/EIS:** **Date Completed:** -- **Date Filed:** --

REMARKS

Final design is funded by NRCS up to \$170,000. District has requested NRCS to fund construction costs. Additional Annual Operations and Maintenance Costs = \$0. Mitigation required will be off-site.

Prepared By: Kirk Norman**Date:** 05/23/2019

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****Project Name:** Fox Canyon Debris Basin Safety Retrofits**Project No.:** TBD**Supervisory District:** 2**Zone:** 3**Unincorporated Area:** X **City of:** N/A**Location:** Community of Somis**LOCATION MAP****SCOPE OF WORK AND OBJECTIVE**

The objective of this project is to retrofit or replace the existing emergency spillway to meet District dam freeboard requirements.

ESTIMATED COSTS PER FISCAL YEAR

Category	Prev Years	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Design:	\$ -	\$ -	\$ -	\$ 120,000	\$ 130,000	\$ -
Right of Way:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Con. Eng./Insp.:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 160,000
Construction:	\$ -	\$ -	\$ -	\$ -	\$ 650,000	\$ -
*Miscellaneous:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total:	\$ -	\$ -	\$ -	\$ 120,000	\$ 780,000	\$ 160,000
Total Estimated Costs:	\$ 1,060,000					

ENVIRONMENTAL REQUIREMENTS**Cat. Ex:** X**Neg. Dec:****EIR/EIS:****Date Completed:--****Date Filed:--****REMARKS**

Additional Annual Operations and Maintenance Costs = \$0 Work expected to fit within the Routine O&M Program regulatory permit authorization requirements.

Prepared By: Peter Sheydayi**Date:** 03/25/2019

VENTURA COUNTY PUBLIC WORKS AGENCY

WATERSHED PROTECTION DISTRICT

FIVE YEAR PLANNED CAPITAL PROJECTS

COUNTY STORMWATER

FISCAL YEARS (2020/2021 to 2023/2024)

<u>Project</u>	<u>Location</u>	<u>Estimated Costs</u>
1 Oak Park Green Streets Urban Retrofit	Community of Oak Park	\$ -
2 Piru Stormwater Capture for Groundwater Recharge	Community of Piru	\$ -
Grand Total:		\$ -

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****Project Name:** Oak Park Green Streets Urban Retrofit**Project No.:** 40540**Supervisory District:** 2**Zone:** -**Unincorporated Area:** X **City of:** N/A**County Stormwater****Location:** Community of Oak Park**LOCATION MAP****SCOPE OF WORK AND OBJECTIVE**

Install Watershed Friendly Garden at Oak Park High School (completed in fall 2016), install 10 modular wetland proprietary devices in Oak Park, CA (completed in summer 2017), and install additional biofiltration system (postponed till summer 2019).

ESTIMATED COSTS PER FISCAL YEAR

Category	Prev Years	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Design:	\$ 301,366	\$ -	\$ -	\$ -	\$ -	\$ -
Right of Way:	\$ 9,731	\$ -	\$ -	\$ -	\$ -	\$ -
Con. Eng./Insp.:	\$ 85,573	\$ 197,000	\$ -	\$ -	\$ -	\$ -
Construction:	\$ 615,011	\$ 676,000	\$ -	\$ -	\$ -	\$ -
*Miscellaneous:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total:	\$ 1,011,680	\$ 873,000	\$ -	\$ -	\$ -	\$ -
Total Estimated Costs:	\$ 1,884,680					

ENVIRONMENTAL REQUIREMENTS**Cat. Ex:** X**Neg. Dec:****EIR/EIS:****Date Completed:** 07/22/2014**Date Filed:** 10/08/2014**REMARKS**

This project will be reimbursed by a State Water Resources Control Board (SWRCB) grant under the Proposition 84 in the amount of \$1,397,990.

Prepared By: Ewelina Mutkowska**Date:** 05/22/2019

VENTURA COUNTY PUBLIC WORKS AGENCY**WATERSHED PROTECTION DISTRICT****Project Name:** Piru Stormwater Capture for Groundwater Recharge**Project No.:** 40565**Supervisory District:** 3**Zone:** -**Unincorporated Area:** X **City of:** N/A**County Stormwater****Location:** Community of Piru**LOCATION MAP****SCOPE OF WORK AND OBJECTIVE**

Minor modifications to connect the existing County storm drain system to the existing Piru Spreading Grounds owned by United Water Conservation District to capture stormwater for infiltration and groundwater recharge.

ESTIMATED COSTS PER FISCAL YEAR

Category	Prev Years	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Design:	\$ 255,564	\$ -	\$ -	\$ -	\$ -	\$ -
Right of Way:	\$ 18,037	\$ -	\$ -	\$ -	\$ -	\$ -
Con. Eng./Insp.:	\$ 7,821	\$ 90,000	\$ -	\$ -	\$ -	\$ -
Construction:	\$ 634,294	\$ -	\$ -	\$ -	\$ -	\$ -
*Miscellaneous:	\$ -	\$ 26,982	\$ -	\$ -	\$ -	\$ -
Fiscal Year Total:	\$ 915,716	\$ 116,982	\$ -	\$ -	\$ -	\$ -
Total Estimated Costs:	\$ 1,032,698					

ENVIRONMENTAL REQUIREMENTS**Cat. Ex:** X**Neg. Dec:****EIR/EIS:****Date Completed:---****Date Filed:---****REMARKS**

This project will be reimbursed by the State Water Resources Control Board (SWRCB) grant under the Proposition 1 in the amount of \$455,837.

Prepared By: Ewelina Mutkowska**Date:** 05/22/2019