

## ATTACHMENT A: Project Modification Request (PMR) FORM

The purpose of this PMR form is to initiate the Project modification process and provide the District with information necessary to evaluate the Project modification request.

<b>Regional Program</b>	<input type="checkbox"/> Infrastructure Program Project <input type="checkbox"/> Scientific Studies Program <input type="checkbox"/> Technical Resources Program
<b>Project/Study Name</b>	
<b>Project/Study Lead</b>	
<b>Watershed Area(s)</b>	
<b>Current Project Phase</b>	
<b>Approved Stormwater Investment Plan Fiscal Year</b>	
<b>Transfer Agreement ID (e.g., 2020RPULAR52)</b>	

**Has Transfer Agreement or most recent Addendum been executed (i.e., signed by the project lead and the District)?**   ☐ Yes   ☐ No

**What type(s) of modification request?**

- ☐ like-for-like modifications
- ☐ functionally equivalent BMP modifications
- ☐ modifications to Project or Study components that were not material to the WASC, ROC, or Board's decision to include the Project or Study in the SIP
- ☐ minor modifications to the budget or schedule of intermediate tasks where the total Funded Activity amount and Funded Activity completion date is unchanged
- ☐ change in primary or secondary objective
- ☐ change in Project benefits
- ☐ change in methodology (e.g., infiltration instead of diversion to sanitary sewer)
- ☐ decrease in BMP capacity
- ☐ change in Project or Study location
- ☐ change in capture area where benefits claimed are diminished or where there is a change in the municipalities that are receiving benefits
- ☐ updated engineering analysis resulting in a reduction of benefits claimed
- ☐ increase in Construction Cost or Life Cycle Cost greater than 10%
- ☐ increase or reallocation of annual funding distribution
- ☐ change in Funded Activity completion date
- ☐ other, please describe:

**Impact on scope or benefits?**

- ☐ Improved  
☐ Diminished

- ☐ Neither  
☐ Not Sure

**Description of the proposed modification(s) and the reason(s) why the modification(s) is/are being proposed.**

**If applicable, list previously approved funding allocations/disbursements and revised funding request:**

**Note, if some or all of a previously Funded Activity cannot be completed as a result of the proposed modification, please include a description and indicate the amount of unused funds. Any unused funds should be reallocated and accounted for in your revised funding request.**

Fiscal Year	Approved Funding Allocations	Revised Funding Request	Description/Phase <i>If applicable, include description of unused funds</i>
Future Funding			
<b>TOTAL</b>			

# SCW Program

## Project Modification Guidelines



<b>A: SCWP Approved Total Funding Allocations</b>	
<b>B: Revised SCWP Anticipated Total Funding Request</b>	
<b>C: Difference between B and A</b>	

If applicable, description of difference in SCWP Anticipated Total Funding Request. As a reminder, annual funding is at the discretion of the WASC, ROC, and ultimately the Board of Supervisors.

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Brief description of Supporting Documentation provided.

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<b>I certify the information and supporting documentation provided is accurate and true.</b>	<input type="checkbox"/> YES
<b>I understand this is a request and it is under the WASC's discretion to consider requested modifications.</b>	<input type="checkbox"/> YES

Name\_\_\_\_\_

Organization\_\_\_\_\_

Signature *Emilio Rivera*

Date\_\_\_\_\_

## FOR DISTRICT USE ONLY

**Proposed Modifications to Projects or Studies:**

	Status	Date
Modified Project or Study is <b>consistent</b> with the Project or Study included in the current fiscal year's SIP and proposed modifications were <b>approved</b> by the District.	<input type="checkbox"/> YES	
Modified Project or Study is <b>NOT consistent</b> with the Project or Study included in the current fiscal year's SIP. <b>If yes, select all that apply:</b>	<input type="checkbox"/> YES	
PMR was received <b>after</b> October 31 of a fiscal year and the PMR will be considered for approval during the preparation of <b>subsequent</b> SIP for the fiscal year <u>after</u> the next	<input type="checkbox"/> YES	-
For Infrastructure Program Projects, modified Project was sent to <b>Scoring Committee</b> . If yes, revised score:	<input type="checkbox"/> YES	
Project or Study <b>abandoned</b> the proposed modifications	<input type="checkbox"/> YES	
Project or Study was <b>withdrawn</b> from consideration by the WASC and shall issue repayment of unspent funds	<input type="checkbox"/> YES	
Proposed modifications were <b>recommended for approval</b> in the SIP	<input type="checkbox"/> YES <input type="checkbox"/> NO	

**Proposed Modifications to Project Concepts:**

	Status	Date
Proposed modifications were deemed <b>consistent</b> with the Project concept that was approved by the WASC, ROC and Board for inclusion in the SIP and can be addressed within the existing budget. District will proceed to incorporate the proposed modification into the Feasibility Study immediately.	<input type="checkbox"/> YES	
Proposed modifications were deemed significant enough to result in a <b>significantly different</b> Project concept from the one approved by the WASC, ROC and Board for inclusion in the SIP. <b>If yes, select one:</b>	<input type="checkbox"/> YES	
District to <b>discontinue</b> work on the Feasibility Study, return unused funds to be programmed in the SIP for the next fiscal year, and advise the proponent to submit the modified Project concept during the Call for Projects for a future fiscal year.	<input type="checkbox"/> YES	-
District to <b>abandon</b> the proposed modifications and proceed with the Project concept included in the SIP.	<input type="checkbox"/> YES	-

## Baldwin Lake and Tule Pond Cost Estimate

Cost Category	Quantity	Unit	Unit Cost	Item Cost
Construction Contract				
<b><u>Tule Pond</u></b>				
Construction Schedule	1	LS	\$ 5,000	\$ 5,000
Partnering	1	AL	\$ 10,000	\$ 10,000
Office Facilities	1	LS	\$ 10,000	\$ 10,000
Mobilization	1	LS	\$ 280,000	\$ 280,000
Preparation of SWPPP	1	LS	\$ 5,000	\$ 5,000
BMPs/SWPPP	1	LS	\$ 10,000	\$ 10,000
Traffic Control	1	LS	\$ 50,000	\$ 50,000
Excavation	6,000	CY	\$ 5	\$ 30,000
Hazardous Waste Removal/Disposal	9,000	TON	\$ 150	\$ 1,350,000
Filtration System	4	EA	\$ 150,000	\$ 600,000
Landscape, Irrigation, Hardscaping	1	LS	\$ 120,000	\$ 120,000
Tree Removals	1	LS	\$ 27,500	\$ 28,000
Crown Thin, Clean, & Shape Trees	15	EA	\$ 265	\$ 4,000
Clearing and Grubbing	8,700	SF	\$ 1	\$ 9,000
Shoring	1	LS	\$ 100,000	\$ 100,000
Concrete Removal (Non-Reinforced)	1	LS	\$ 15,000	\$ 15,000
Sediment Log Wattle	34	EA	\$ 65	\$ 3,000
Outlet Structures	4	EA	\$ 25,000	\$ 100,000
Rural Catch Basin	1	EA	\$ 5,000	\$ 5,000
4'W x 2'H RCB	26	LF	\$ 750	\$ 20,000
4'W x 4'H RCB	19	LF	\$ 1,000	\$ 19,000
10" RCP	89	LF	\$ 200	\$ 18,000
12" RCP	47	LF	\$ 200	\$ 10,000
15" RCP	20	LF	\$ 250	\$ 5,000
18" RCP	64	LF	\$ 275	\$ 18,000
24" RCP	352	LF	\$ 300	\$ 106,000
27" RCP	32	LF	\$ 325	\$ 11,000
48" RCP	43	LF	\$ 400	\$ 18,000
Concreted Riprap	602	CY	\$ 250	\$ 151,000
Manhole Shaft	4	EA	\$ 10,000	\$ 40,000
Transition Structure	8	EA	\$ 10,000	\$ 80,000
Junction Structure	9	EA	\$ 5,000	\$ 45,000
Benches	4	EA	\$ 3,000	\$ 12,000
Litter Receptacle	2	EA	\$ 1,500	\$ 3,000
Interpretive Signs	2	EA	\$ 1,600	\$ 4,000
AC Pavement	35	TON	\$ 250	\$ 9,000
Crushed Miscellaneous Base	310	CY	\$ 35	\$ 11,000
Shoreline Stabilization (Air-placed Concrete Edge)	1,130	LF	\$ 120	\$ 136,000
Photovoltaic Panel, Batteries, and Control System	1	EA	\$ 28,000	\$ 28,000
Perimeter Lighting	14	EA	\$ 850	\$ 12,000
Electrical Conduit, Wiring, and Trenching	920	LF	\$ 37	\$ 35,000
Wildlife Relocation	1	LS	\$ 50,000	\$ 50,000
TULE POND SUB-TOTAL				\$ 3,580,000

<b>Baldwin Lake</b>				
Construction Schedule	1	LS	\$ 5,000	\$ 5,000
Partnering	1	AL	\$ 10,000	\$ 10,000
Office Facilities	1	LS	\$ 20,000	\$ 20,000
Mobilization	1	LS	\$ 650,000	\$ 650,000
Preparation of SWPPP	1	LS	\$ 5,000	\$ 5,000
BMPs/SWPPP	1	LS	\$ 20,000	\$ 20,000
Traffic Control	1	LS	\$ 5,000	\$ 5,000
Dewatering	1	LS	\$ 500,000	\$ 500,000
Sediment Removal/Disposal	62,000	CY	\$ 20	\$ 1,240,000
Imported Borrow	4,500	CY	\$ 90	\$ 405,000
Landscaping, Irrigation, Hardscaping	1	LS	\$ 320,000	\$ 320,000
Tree Removals	1	LS	\$ 50,000	\$ 50,000
Crown Thin, Clean, & Shape Trees	30	EA	\$ 265	\$ 8,000
Clearing and Grubbing	28,170	SF	\$ 1	\$ 29,000
Shoring	1	LS	\$ 30,000	\$ 30,000
Concrete Removal (Non-Reinforced)	1	LS	\$ 63,000	\$ 63,000
Sediment Log Wattle	110	EA	\$ 65	\$ 8,000
Abandon Existing RCB & CMP	1	LS	\$ 4,000	\$ 4,000
Outlet Structures	1	EA	\$ 30,000	\$ 30,000
48" RCP	51	LF	\$ 400	\$ 21,000
Benches	6	EA	\$ 1,500	\$ 9,000
Litter Receptacle	4	EA	\$ 1,155	\$ 5,000
Historic Retaining Wall Restoration	720	CY	\$ 4,108	\$ 2,958,000
River Rock Cladding and Grouting	10,440	SF	\$ 15	\$ 157,000
Cable anchoring system for historic wall	326	EA	\$ 350	\$ 115,000
Air-placed Concrete Protection Course at Lake Shelf	13,050	SF	\$ 25	\$ 327,000
PCC Boat Ramp	1	LS	\$ 115,000	\$ 115,000
Photovoltaic Panel, Batteries, and Control System	1	EA	\$ 28,000	\$ 28,000
Lake Liner	226,000	SF	\$ 5	\$ 1,187,000
Gas Purge System	1	LS	\$ 150,000	\$ 150,000
Perimeter Lighting	45	EA	\$ 850	\$ 38,000
Educational Signage	1	LS	\$ 1,600	\$ 2,000
Electrical Conduit, Wiring, and Trenching	2,980	LF	\$ 37	\$ 111,000
House for Mechanical and Electrical Equipment	1	EA	\$ 100,000	\$ 100,000
Wildlife Relocation	1	LS	\$ 200,000	\$ 200,000
Viewing Area	1	LS	\$ 80,000	\$ 80,000
Recirculation System	1	LS	\$ 112,000	\$ 112,000
BALDWIN LAKE SUB-TOTAL				\$ 9,120,000
<b>Construction Total</b>				<b>\$ 12,700,000</b>
<b>Soft Costs</b>				<b>\$ 4,320,000</b>
<b>Contingencies (10% of construction contract)</b>				<b>\$ 1,270,000</b>
<b>Construction Engineering (15% of construction contract)</b>				<b>\$ 1,910,000</b>
<b>Total</b>				<b>\$ 20,200,000</b>

**Baldwin Lake and Tule Pond Restoration  
Project:  
60% Design Cost**

	Item	Const. Cost
<b>Baldwin Lake</b>	Sediment Removal, Connector Inlet Modification, Env. Mitigation, Landscape Resto	\$2,404,625
	Historic Wall Restoration	\$2,175,014
	Viewing Decks and Educational Signage	\$144,770
	Aeration and Recirculation System	\$1,263,500
	Lake Liner	\$1,972,580
	Electrical Improvements	\$138,300
	Wildlife Survey and Relocation and Cultural Monitoring	\$48,500
	Landscape	\$518,324
	Irrigation	\$158,004
	<b>Subtotal</b>	<b>\$8,823,617</b>
<b>Tule Pond</b>	Sed. Removal, Inlet Mods, realign 4th drain pipe, Shore Edge Stab., Env. Mitigation, Landscape Resto	\$3,617,848
	Water Quality Items (Media Filtration, hydrodynamic units)	\$656,299
	Wildlife Survey and Relocation and Cultural Monitoring	\$48,500
	Landscape/Groundcover	\$425,960
	Irrigation	\$69,997
	<b>Subtotal</b>	<b>\$4,818,604</b>
<b>Total Construction Cost</b>		<b>\$13,642,221</b>
<b>Construction Contingency (10%)</b>		<b>\$1,364,222</b>
<b>Total Soft Cost (inc Const Admin and Insp)</b>		<b>\$6,314,000</b>
<b>Mobilization Cost</b>		<b>\$1,370,000</b>
<b>Total Project Cost</b>		<b>\$22,690,443</b>

**Attachment B**

**Baldwin Lake and Tule Pond Restoration Project:  
90% Design Cost**

	<b>Item</b>	<b>Const. Cost</b>
<b>Baldwin Lake</b>	Sediment Removal, Connector Inlet Modification, Env. Mitigation, Landscape Resto	\$3,409,958
	Historic Wall Restoration	\$2,153,662
	Viewing Decks and Educational Signage	\$161,915
	Aeration System (Recirculation System Removed)	\$30,000
	Ultrasonic Algae Remediation	\$88,000
	Lake Liner	\$1,972,580
	Upwelling Pump System	\$950,000
	Electrical Improvements	\$1,105,065
	Wildlife Survey and Relocation and Cultural Monitoring	\$48,500
	Landscape	\$591,292
	Irrigation	\$358,716
	<b>Subtotal</b>	<b>\$10,869,688</b>
<b>Tule Pond</b>	Sed. Removal, Inlet Mods, realign 4th drain pipe, Shore Edge Stab., Env. Mitigation, Landscape Resto	\$3,582,332
	Water Quality Items (Media Filtration, hydrodynamic units)	\$753,833
	Wildlife Survey and Relocation and Cultural Monitoring	\$48,500
	Landscape/Groundcover	\$336,619
	Irrigation	\$165,168
	<b>Subtotal</b>	<b>\$4,886,452</b>
<b>Total Construction Cost</b>		<b>\$15,756,140</b>
<b>Construction Contingency (10%)</b>		<b>\$1,575,614</b>
<b>Total Soft Cost (inc Const Admin and Insp)</b>		<b>\$7,265,263</b>
<b>Mobilization Cost</b>		<b>\$1,580,000</b>
<b>Total Project Cost</b>		<b>\$26,177,016</b>

**Attachment C**



**Baldwin Lake and Tule Pond Restoration Project:  
90% Design Cost Funding Analysis, Reallocated Funds**

	Item	Const. Cost	LACFCD and Prop. A Funding	Initial SCW Funding	Adj. SCW Funding	Total Adj. Funding
Baldwin Lake	Sediment Removal, Connector Inlet Modification, Env. Mitigation, Landscape Resto	\$3,409,958	\$846,907	\$1,078,459	\$1,375,000	\$2,221,907
	Historic Wall Restoration	\$2,153,662	\$909,091	\$3,731,059	\$1,244,571	\$2,153,662
	Viewing Decks and Educational Signage	\$161,915	\$0	\$103,200	\$161,915	\$161,915
	Aeration System (Recirculation System Removed)	\$30,000	\$0	\$112,000	\$30,000	\$30,000
	Ultrasonic Remediation System	\$88,000	\$0	\$0	\$0	\$0
	Lake Liner	\$1,972,580	\$0	\$960,500	\$1,391,780	\$1,391,780
	Upwelling Pump System	\$950,000	\$0	\$0	\$0	\$0
	Electrical Improvements	\$1,105,065	\$0	\$0	\$0	\$0
	Wildlife Survey and Relocation and Cultural Monitoring	\$48,500	\$48,500	\$0	\$0	\$48,500
	Landscape	\$591,292	\$0	\$709,000	\$500,000	\$500,000
	Irrigation	\$358,716	\$0			
	<b>Subtotal</b>	<b>\$10,869,688</b>	<b>\$1,804,498</b>	<b>\$6,694,218</b>	<b>\$4,703,267</b>	<b>\$6,507,765</b>
Tule Pond	Sed. Removal, Inlet Mods, realign 4th drain pipe, Shore Edge Stab., Env. Mitigation, Landscape Resto	\$3,582,332	\$1,310,638	\$0	\$1,375,000	\$2,685,638
	Water Quality Items (Media Filtration, hydrodynamic units)	\$753,833	\$0	\$0	\$753,833	\$753,833
	Wildlife Survey and Relocation and Cultural Monitoring	\$48,500	\$48,500	\$0	\$0	\$48,500
	Landscape/Groundcover	\$336,619	\$0	\$387,600	\$250,000	\$250,000
	Irrigation	\$165,168	\$0			
	<b>Subtotal</b>	<b>\$4,886,452</b>	<b>\$1,359,138</b>	<b>\$387,600</b>	<b>\$2,378,833</b>	<b>\$3,737,971</b>
<b>Total Construction Cost</b>		<b>\$15,756,140</b>	<b>\$3,163,636</b>	<b>\$7,081,818</b>	<b>\$7,082,100</b>	
<b>Construction Contingency (10%)</b>		<b>\$1,575,614</b>	<b>\$316,364</b>	<b>\$708,182</b>	<b>\$707,900</b>	
<b>Total Soft Cost (inc Const Admin and Insp)</b>		<b>\$7,265,263</b>	<b>\$5,520,000</b>	<b>\$710,000</b>	<b>\$710,000</b>	
<b>Mobilization Cost</b>		<b>\$1,580,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>Total Project Cost</b>		<b>\$26,177,016</b>				
<b>Total Project Funding</b>		<b>\$17,500,000</b>	<b>\$9,000,000</b>	<b>\$8,500,000</b>	<b>\$8,500,000</b>	
<b>Total Project Shortfall</b>		<b>\$8,677,017</b>				

**Attachment D**

Activity Name	Phase Type	Activity Type	Activity Start	Activity End
Project Concept Report (PCR)	Planning	Project Management	Jan 15, 2019	Sep 18, 2019
Project Design Concept Report (PDC)	Design	Finalize Project Scope	Oct 1, 2019	Jan 13, 2022
Plans, Specifications, and Engineer's Estimate (PS&E)	Design	PS&E Package	Jun 30, 2020	Dec 28, 2023
CEQA	Design	Environmental Documentation	Nov 30, 2021	Jan 8, 2024
Construction	Construction	Project Construction	Jul 15, 2024	Dec 28, 2025
Advertise and Award	Construction	Advertise and Award	Apr 22, 2024	Jul 15, 2024
Post- Construction Monitoring Plan Phase 1	Design	Environmental Documentation	Jan 1, 2021	Jul 10, 2023
Post-Construction Monitoring Plan Phase 2	Design	Environmental	Jul 10, 2023	Dec 31, 2023

**Attachment E**

Activity Name	Phase	Activity Type	Start Date	End Date
Project Concept Report (PCR)	Planning	Planning	January 15, 2019	September 18, 2019
Project Design Report (PDC)	Design	Design	October 1, 2019	January 13, 2022
Plans, Specifications, and Engineer's Estimate	Design	Design	June 30, 2020	May 28, 2024
CEQA	Design	Design	November 30, 2021	April 23, 2024
Construction	Construction	Construction	November 27, 2024	May 27, 2026
Advertise and Award	Construction	Bid/Award	July 24, 2024	October 15, 2024
Post Construction Monitoring - Phase 1	Design	Environmental Documentation	January 1, 2021	July 10, 2023
Post Construction Monitoring - Phase 2	Design	Environmental Documentation	July 10, 2023	May 28, 2024

**Attachment F**