Legislation Details (With Text)

File #:	2019-1349		
Type:	Consent Calendar Item	**Status:**	Agenda Ready
File created:	8/23/2019	**In control:**	Sonoma County Water Agency
On agenda:	9/24/2019	**Final action:**	
Title:	Alder Creek Erosion Control Project		
Sponsors:	Occidental County Sanitation District, Sonoma County Water Agency		
Indexes:			
Attachments:	1. Summary Report, 2. Resolution, 3. Agreement, 4. Map		

Date	Ver.	Action By	Action	Result
9/24/2019	1	Board of Supervisors	Approved as recommended	Pass

To: Board of Directors, Sonoma County Water Agency, Occidental County Sanitation District
Department or Agency Name(s): Occidental County Sanitation District
Staff Name and Phone Number: Nazareth Tesfai 707-521-1835
Vote Requirement: 4/5th
Supervisorial District(s): Fifth

Title:
Alder Creek Erosion Control Project

Recommended Action:
In an ongoing effort to reduce creek erosion and prevent sediment pollution:

A) Authorize Sonoma County Water Agency's General Manager, acting on behalf of Occidental County Sanitation District, to execute an agreement with Gold Ridge Resource Conservation District for erosion control services for the Alder Creek Ranch Erosion Control Project through June 30, 2021, in the not-to-exceed amount of $92,400. (Majority vote)

B) Adopt a resolution of the Boards of Directors of the Sonoma County Water Agency and the Occidental County Sanitation District authorizing adjustments to the Board Adopted Budget for Fiscal Year 2019-2020 for the Sonoma County Water Agency General Fund and the Occidental County Sanitation District each in the amount of $92,400. (4/5th Vote Requirement)

(Fifth District)

Executive Summary:
The Alder Creek Ranch Erosion Control Project (Project) will address the ongoing erosion on the north fork of Lancel Creek, a major tributary of Dutch Bill Creek. The Project consists of three separate sites (Sites, A, B, and C) located immediately downstream of the spillway outlet of an on-channel reservoir on the Alder Creek Ranch property. Spillway discharge during high-flow events has caused substantial erosion of the bank opposite the outlet (Site A) and at two sites downstream of the outlet (Sites B and C). Gold Ridge Resource Conservation District (Gold Ridge) will provide erosion control services for the Project, including excavating

eroding banks, providing administration and monitoring services, and securing required permits.

Discussion:

HISTORY OF ITEM/BACKGROUND

The Project will address ongoing bank erosion on the north fork of Lancel Creek, a major tributary of Dutch Bill Creek. The eroding streambank is vertical for approximately 125 feet along the stream, averaging 10 feet in height. As erosion progressed, the extension of the stream's meander at this site triggered secondary erosion at two sites downstream (Sites B and C). Site B is located on the east bank of the creek, opposite Site A and approximately 100 feet downstream. Erosion at Site B has affected approximately 80 feet of bank, leaving the bank oversteepened and ranging in height from five to 14 feet. Site C is located approximately 60 feet downstream of Site B on the west bank of the creek, and bank erosion at this site measures approximately 15 feet along the creek, with the bank at a 1:1 gradient and approximately 14 feet high. Gold Ridge will excavate the eroding bank at Site A to a 2:1 gradient to minimize the potential for future erosion. At Sites B and C, the eroding banks will be excavated to a more stable gradient (2:1 at Site B and 3:1 at Site C). See attached map.

Until early 2018, the Occidental County Sanitation District's (District) discharged treated wastewater into Dutch Bill Creek. The Project will reduce sediment transport in the Dutch Bill Creek watershed and fulfills a requirement for the Pollution Prevention Plan project described in the District's Cease and Desist Order R1-2018-0007 (Order) issued by the North Coast Regional Water Quality Control Board (Regional Board).

SELECTION PROCESS

The Project is a requirement of the Order. The Order requires that the District provide a pollution prevention plan and project within the Dutch Bill Creek watershed which must be approved by the Regional Board. The District proposed the Project, which was agreed to by the Regional Board. The Project was developed by Gold Ridge and permission for the Project to occur was given to Gold Ridge by the property owner. As a result, Gold Ridge is the only organization that is authorized to manage the Project.

SERVICES TO BE PERFORMED

Under the proposed agreement, Gold Ridge will excavate the eroding banks at the three Project sites, provide administration and monitoring services, and secure the required permits.

The cost of services will not exceed $92,400; the term end date is June 30, 2021.

The agreement includes two options for the District to extend this agreement for a period of one year each by providing written notice to Gold Ridge thirty days in advance of the expiration date of the agreement and of the first extension option.

Prior Board Actions:

None.

FISCAL SUMMARY

Expenditures	**FY 19-20 Adopted**	**FY20-21 Projected**	**FY 21-22 Projected**
Budgeted Expenses			
Additional Appropriation Requested	$184,800		

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Total Expenditures	**$184,800**		
Funding Sources			
General Fund/WA GF	$92,400		
State/Federal			
Fees/Other			
Use of Fund Balance	$92,400		
Contingencies			
Total Sources	**$184,800**		

Narrative Explanation of Fiscal Impacts:
With Board approval, additional expenditure appropriations of $92,400 will be made in the Sonoma Water General Fund from fund balance pursuant to the attached budgetary resolution to provide revenue of $92,400 for the Occidental County Sanitation District's Alder Creek Erosion Control Project. An additional expenditure appropriation of $92,400 will in turn be programed in the Occidental County Sanitation District Operations Fund as contract services.

With Board approval of the requested additional appropriations, Sonoma Water's ending General Fund balance is expected to be at or above target at year end consistent with prior years and will not be negatively impacted by this board item.

Staffing Impacts:			
Position Title (Payroll Classification)	**Monthly Salary Range (A-I Step)**	**Additions (Number)**	**Deletions (Number)**

Narrative Explanation of Staffing Impacts (If Required):
N/A.

Attachments:
Attachment 1: Resolution
Attachment 2: Agreement with Gold Ridge Resource Conservation District
Attachment 3: Map

Related Items "On File" with the Clerk of the Board:
None.