

REGULAR MEETING
BOARD OF TRUSTEES MEETING ANNOUNCEMENT
RECLAMATION DISTRICT NO. 830

DATE:

Tuesday, March 12, 2019

TIME:

2:00 PM

PLACE:

Ironhouse Sanitary District Conference Room
450 Walnut Meadows Drive
Oakley, California 94561

AGENDA

1. CALL TO ORDER
 - 1.A. BOARD ROLL CALL
2. APPROVAL OF AGENDA
3. PUBLIC COMMENTS

Communications from the public on subjects not on the agenda. (In addition, members of the public may address the Board on any agenda item not already considered by a Board Committee prior to Board action on that item).
4. CONSENT CALENDAR
 - 4.A. APPROVAL OF THE MINUTES OF THE JANUARY 8, 2019 BOARD MEETING

Documents:

[MIN-RD830 JANUARY 8, 2019 DRAFT.PDF](#)
 - 4.B. APPROVAL OF FINANCIAL REPORT

Documents:

[RD830 FINANCIAL STATEMENTS - JANUARY 2019.PDF](#)
[CHECK DETAIL 1-3-19 TO 3-5-19.PDF](#)
5. BUSINESS BEFORE THE BOARD
 - 5.A. ADOPT RESOLUTION NO. 19-02 AUTHORIZING THE 2019-2020 DELTA LEVEE SUBVENTIONS PROGRAM APPLICATION

Documents:

[RESOLUTION NO. 19-02 DELTA LEVEE SUBVENTIONS PROGRAM 2019-2020.PDF](#)
6. INFORMATIONAL ITEMS FROM STAFF (No Action Required)
 - 6.A. PROVIDE AN UPDATE ON THE STATUS OF THE JERSEY ISLAND BRIDGE REPAIRS

7. ENGINEERS REPORT - NATE HERSHEY AND KEVIN TILLIS

Documents:

[2019-03 ENGINEERS REPORT - RD 830.PDF](#)

8. STAFF REPORTS

9. SET DATE OF NEXT REGULAR MEETING

10. ADJOURNMENT

**REGULAR MEETING MINUTES
OF THE BOARD OF TRUSTEES OF
RECLAMATION DISTRICT NO. 830
January 8, 2019**

The Reclamation District No. 830 (RD 830) Board of Trustees met in regular session on Tuesday, January 8, 2019, in the Ironhouse Sanitary District Conference Room at 450 Walnut Meadows Drive in Oakley, CA.

1. Call to Order

1.A. Board Roll Call

President Chad Davisson called the meeting to order at 2:00 p.m.

Members present: Chad Davisson, Tyson Zimmerman, and David Dal Porto

Members absent: None

Staff or Consultants: Michael McGormley, ISD Reclamation, Levee and Ranch Supervisor
Cecilia Goff, ISD District Secretary/Office Administrator
Michael Welty, Financial Consultant
Nathan Hersey, MBK Engineering
Kevin Tillis, Hultgren-Tillis Engineers
Jesse Barton, Barton & Gallery Legal Counsel (via telephone)

Interested Parties: None

2. Approval of Agenda

M/S T. Zimmerman, D. Dal Porto and the Board voted to approve the agenda.

In favor: C. Davisson, D. Dal Porto and T. Zimmerman. Opposed: None. Absent: None.

3. Public Comments - Communications from the public on subjects not on the agenda.

There were no comments from the Public in attendance.

4. Consent Calendar

4.A. Approval of the Minutes of the 10/9/2018 Regular Meeting and 11/27/2018 Special Meeting

4.B. Approval of Financial Report

M/S D. T. Zimmerman, Dal Porto and the Board voted to approve the consent calendar.

In favor: C. Davisson, D. Dal Porto and T. Zimmerman. Opposed: None. Absent: None.

5. Business Before the Board

5.A. Accept Audit Report for the FYE June 30, 2018

Mr. Michael Welty explained that the RD 830 audit for FYE June 30, 2018 is complete. The auditor provided a clean opinion with no adjustments or management comments. Questions from the Board were solicited and answered.

M/S D. Dal Porto, T. Zimmerman and the Board voted to accept the audit report for the FYE June 30, 2018.

In favor: C. Davisson, D. Dal Porto and T. Zimmerman. Opposed: None. Absent: None.

5.B. Adopt Resolution and the Project Funding Agreement for Preparation of Five-Year Plan for Jersey Island, JR-18-1.0-SP

Mr. Nathan Hershey, District Consulting Engineer, explained that DWR requires that a five year plan is prepared if subventions funding is being requested. The resolution and Project Funding Agreement are routine items. DWR will reimburse the District up to \$130,000 to update the plan. Questions from the Board were solicited and answered.

M/S D. Dal Porto, T. Zimmerman and the Board voted to adopt the resolution and the Project Funding Agreement for the Preparation of the Five-Year Plan for Jersey Island, JR-18-1.0-SP.

In favor: C. Davisson, D. Dal Porto and T. Zimmerman. Opposed: None. Absent: None.

6. Engineers Report – Nathan Hershey and Kevin Tillis

Mr. Nathan Hershey reviewed the Engineers report provided in the agenda packet and solicited any questions from the Board. Mr. Chad Davisson explained that he met with a representative from Supervisor Burgis’ office, who assured him that the Jersey Island bridge repairs were not being delayed due to a funding issue. Repairs were reviewed and approved, but the next steps have not been determined. Mr. Hershey said that Contra Costa County explained that the delay is due to permitting issues and work cannot start until after June 15, 2019. The engineers expect to put upcoming projects out to bid by early June, with work beginning June 15th. The Board will send a letter to the County requesting that the Jersey Island bridge repairs be declared a “state of emergency” due to the adverse effects the weight limitations have put on Jersey Island activities and surrounding neighbors. President Davisson will request that the ISD Board send a similar letter in support, as ISD is the sole landowner on Jersey Island and is directly affected by this. Due to the weight restriction on the Bridge, the pump relocation project and splash berm project will be delayed.

7. Staff Reports

Mr. Michael McGormley reviewed the staff report included in the agenda packet and solicited any questions from the Board.

8. Set Date of Next Regular Meeting

The next regular meeting was scheduled for Tuesday, March 12, 2019 at 2:00 p.m. at the Ironhouse Sanitary District conference room, 450 Walnut Meadows Drive, Oakley, CA.

9. Adjournment

President Davisson adjourned the meeting at 2:46 p.m.

APPROVED _____
President

Secretary

Reclamation District No. 830
Statement of Financial Position
As of January 31, 2019

	<u>Jan 31, 19</u>
ASSETS	
Current Assets	
Checking/Savings	
Checking - Bank America	139,274
LAIF	
LAIF - Unreserved	1,756,266
LAIF - Reserved	<u>710,000</u>
Total LAIF	<u>2,466,266</u>
Total Checking/Savings	2,605,540
Accounts Receivable	
Accounts Receivable	<u>7,605</u>
Total Accounts Receivable	7,605
Other Current Assets	
Subventions Receivable	
FY 18/19	75,200
FY 17/18	<u>603,036</u>
Total Subventions Receivable	678,236
Prepaid Insurance	<u>4,916</u>
Total Other Current Assets	<u>683,152</u>
Total Current Assets	3,296,296
Fixed Assets	
Land Improvements	77,597
Construction in Progress	275,990
Vehicles and Heavy Equipment	385,215
Accumulated Depreciation	<u>(381,443)</u>
Total Fixed Assets	<u>357,359</u>
TOTAL ASSETS	<u><u>3,653,655</u></u>
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	30,978
Other Current Liabilities	
Due to Ironhouse	<u>102,500</u>
Total Other Current Liabilities	<u>102,500</u>
Total Current Liabilities	<u>133,478</u>
Total Liabilities	133,478
Equity	
Unrestricted Net Assets	3,075,519
Net Income	<u>444,659</u>
Total Equity	<u>3,520,177</u>
TOTAL LIABILITIES & EQUITY	<u><u>3,653,655</u></u>

2:42 PM

03/05/19

Accrual Basis

Reclamation District No. 830
Actual to Budget (Representing 58.3% of Budget)
Seven Months Ended January 31, 2019

	Jul '18 - Jan 19	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
Assessment	547,314	547,315	(1)	100%
DWR Subventions Program	75,200	1,371,000	(1,295,800)	5%
Total Income	622,514	1,918,315	(1,295,801)	32%
Gross Profit	622,514	1,918,315	(1,295,801)	32%
Expense				
Accounting Services	6,680	14,000	(7,320)	48%
Audit	3,250	3,400	(150)	96%
Depreciation Expense	0	10,000	(10,000)	0%
Dewater Pump Maintenance	13,113	25,000	(11,887)	52%
Engineering	1,095	8,000	(6,906)	14%
Equip Maint	0	10,000	(10,000)	0%
Equip Rental	0	5,000	(5,000)	0%
Expended Equip/Furn/Software	0	500	(500)	0%
Fuel	1,822	5,000	(3,178)	36%
Insurance	11,676	16,000	(4,324)	73%
Legal	1,648	5,000	(3,352)	33%
Maintenance	0	2,000	(2,000)	0%
Management Services	30,000	60,000	(30,000)	50%
Membership-Dues	100	500	(400)	20%
Misc. Expense	2,013	500	1,513	403%
Outside Services	0	500	(500)	0%
P G & E	25,383	50,000	(24,617)	51%
Permits	0	1,500	(1,500)	0%
Supplies	0	500	(500)	0%
Travel Related Expenses				
Mileage Reimbursement	0	100	(100)	0%
Parking and Tolls	0	50	(50)	0%
Total Travel Related Expenses	0	150	(150)	0%
Subventions - DWR				
All Weather Roads	0	50,000	(50,000)	0%
Engineering	36,644	60,000	(23,356)	61%
Equipment Rental	0	20,000	(20,000)	0%
ISD Labor & Equipment	72,500	500,000	(427,500)	15%
Levee Material	0	20,000	(20,000)	0%
Mitigation	0	100,000	(100,000)	0%
Vegetation Control	0	5,000	(5,000)	0%
Other Subventions Cost	0	1,073,000	(1,073,000)	0%
Total Subventions - DWR	109,144	1,828,000	(1,718,856)	6%
Total Expense	205,923	2,045,550	(1,839,627)	10%
Net Ordinary Income	416,591	(127,235)	543,826	(327)%
Other Income/Expense				
Other Income				
Interest Earned	28,068	15,000	13,068	187%
Total Other Income	28,068	15,000	13,068	187%
Net Other Income	28,068	15,000	13,068	187%
Net Income	444,659	(112,235)	556,894	(396)%

Reclamation District No. 830
Statement of Operations by Activity
July 2018 through January 2019

	General	Subventions FY 18/19	TOTAL
Ordinary Income/Expense			
Income			
Assessment	547,314	0	547,314
DWR Subventions Program	0	75,200	75,200
Total Income	547,314	75,200	622,514
Gross Profit	547,314	75,200	622,514
Expense			
Accounting Services	6,680	0	6,680
Audit	3,250	0	3,250
Dewater Pump Maintenance	13,113	0	13,113
Engineering	1,095	0	1,095
Fuel	1,822	0	1,822
Insurance	11,676	0	11,676
Legal	1,648	0	1,648
Management Services	30,000	0	30,000
Membership-Dues	100	0	100
Misc. Expense	2,013	0	2,013
P G & E	25,383	0	25,383
Subventions - DWR			
Engineering	1,715	34,929	36,644
ISD Labor & Equipment	0	72,500	72,500
Total Subventions - DWR	1,715	107,429	109,144
Total Expense	98,495	107,429	205,923
Net Ordinary Income	448,820	(32,229)	416,591
Other Income/Expense			
Other Income			
Interest Earned	28,068	0	28,068
Total Other Income	28,068	0	28,068
Net Other Income	28,068	0	28,068
Net Income	476,888	(32,229)	444,659

2:44 PM
03/05/19

Reclamation District No. 830
Check Detail
January 3 through March 5, 2019

Type	Num	Date	Name	Account	Paid Amount	Class
Bill Pmt -Check	2023	01/04/2019	Pacific Gas & Electric	Checking - Bank America		
Bill	12/20/2018	12/31/2018		P G & E	-28.80	General
TOTAL					-28.80	
Bill Pmt -Check	2024	01/15/2019	IRONHOUSE SANITARY DISTRICT	Checking - Bank America		
Bill	ISD 2nd Qrt Fuel	12/31/2018		Fuel	-1,249.07	General
TOTAL					-1,249.07	
Bill Pmt -Check	2025	01/15/2019	Stockton Amature & Motor Works, Inc.	Checking - Bank America		
Bill	20867	12/31/2018		Dewater Pump Maintenance	-13,113.26	General
TOTAL					-13,113.26	
Bill Pmt -Check	2026	01/15/2019	Utonomy, Inc.	Checking - Bank America		
Bill	4520	12/31/2018		Accounting Services	-600.00	General
TOTAL					-600.00	
Bill Pmt -Check	2027	02/04/2019	Hultgren - Tillis Engineers	Checking - Bank America		
Bill	5814	12/31/2018		Engineering	-2,223.75	Subventions FY 18/19
TOTAL					-2,223.75	
Bill Pmt -Check	2028	02/04/2019	MBK Engineers	Checking - Bank America		
Bill	18-12-4155	12/31/2018		Engineering	-258.25	General
Bill	18-12-4155.6	12/31/2018		Engineering	-1,715.00	General
Bill	18-12-4155-2.2	12/31/2018		Construction in Progress	-198.00	Pump Station Relocation
Bill	18-12-4155-2.5	12/31/2018		Construction in Progress	-1,651.39	General
TOTAL					-3,822.64	

2:44 PM
03/05/19

Reclamation District No. 830
Check Detail
January 3 through March 5, 2019

Type	Num	Date	Name	Account	Paid Amount	Class
Bill Pmt -Check	2029	02/04/2019	Pacific Gas & Electric	Checking - Bank America		
Bill	01/22/2019	01/31/2019		P G & E	-9,730.85	General
TOTAL					-9,730.85	
Bill Pmt -Check	2030	02/04/2019	Utonomy, Inc.	Checking - Bank America		
Bill	4541	01/31/2019		Accounting Services	-840.00	General
TOTAL					-840.00	
Bill Pmt -Check	2031	02/18/2019	Gallery & Barton	Checking - Bank America		
Bill	Jan 2019 Servi...	01/31/2019		Legal	-331.24	General
TOTAL					-331.24	
Bill Pmt -Check	2032	03/05/2019	MBK Engineers	Checking - Bank America		
Bill	18-12-4155-2.7	01/31/2019		Construction in Progress	-8,794.75	Pump Station Relocation
Bill	18-12-4155-2.2	01/31/2019		Construction in Progress	-558.75	Pump Station Relocation
Bill	19-01-4155	01/31/2019		Engineering	-267.75	General
Bill	19-01-4155.6	01/31/2019		Engineering	-4,408.02	Subventions FY 18/19
TOTAL					-14,029.27	
Bill Pmt -Check	2033	03/05/2019	Pacific Gas & Electric	Checking - Bank America		
Bill	02/21/2019	02/28/2019		P G & E	-7,377.60	General
TOTAL					-7,377.60	
Bill Pmt -Check	2034	03/05/2019	Utonomy, Inc.	Checking - Bank America		
Bill	4562	02/28/2019		Accounting Services	-520.00	General
TOTAL					-520.00	

**RECLAMATION DISTRICT 830
RESOLUTION NO. 19-02
OF THE BOARD OF TRUSTEES
OF RECLAMATION DISTRICT NO. 830
AUTHORIZING THE 2019-2020
DELTA LEVEES MAINTENANCE SUBVENTIONS PROGRAM APPLICATION**

RESOLVED that the work included in Reclamation District No. 830's ("District") 2019-2020 Delta Levees Maintenance Subventions Program Application consists of the maintenance and/or repair of existing levee improvements which involves negligible or no expansion of said improvements existing uses and, hence, falls within the categorical exemption to the California Environmental Quality Act set forth in California Code of Regulations, Title 14, Section 15301; that said work does not constitute an exception to the exemptions of the California Environmental Quality Act; and that the District's Engineer is authorized to prepare and file with the County of Contra Costa the appropriate Notice of Exemption on behalf of the District.

RESOLVED that the President or Secretary of Reclamation District No. 830 be and hereby is authorized to execute on behalf of this District that Agreement between the Central Valley Flood Protection Board and Reclamation District No. 830 covering participation in the Delta Levees Maintenance Subventions Program pursuant to Part 9, Division 6 of the Water Code as amended by SB 34, Chapter 28, Statutes of 1988 for fiscal year 2019-2020 and the work to be reported to the State thereunder is determined to be categorically exempt under the California Environmental Quality Act (Pub. Resources Code, § 21000 et seq.) for the reasons set forth above.

CERTIFICATION

I, _____, President of Reclamation District No. 830, do hereby certify that the above is a true and correct copy of the resolution duly adopted by the Board of Trustees of Reclamation District No. 830 on this day, _____.

Executed on _____, in _____, California.

Chad Davisson, President



Water Resources ♦ Flood Control ♦ Water Rights

MEMORANDUM

March 12, 2019

TO: Reclamation District No. 830

FROM: Nathan Hershey

SUBJECT: **March 2019 Engineer's Report**

Described below are the engineering items to be discussed at your March 12, 2019 meeting.

Subventions 2017-18 – The District submitted an application for participation in the Program in the amount of \$1,447,000. \$14.5 million has been approved for Program funding for FY 2017-18. A final claim was submitted in the amount of \$861,479.63.

Subventions 2018-19 – The District submitted an application for participation in the Program in the amount of \$1,828,000. \$12 million has been approved for Program funding for FY 2018-19, consistent with recent previous years.

Subventions 2019-20 – Applications for participation in the Program are due April 1. A draft of the application is attached. We will submit the final package prior to the deadline.

Annual Maintenance – Our next project will include building the splash berm on the west levee from Stations 660-688, along with the remainder of the splash berm on the north levee and the proposed drainage improvements near the PG&E towers. The newly imposed weight restrictions on the Jersey Island bridge have caused complications in performing this work, as we are currently unable to mobilize most equipment to Jersey Island until the bridge has been repaired. Per Contra Costa County, repairs cannot be initiated until after 6/15/19.

Pump Station Relocation – Final environmental documentation has been prepared and permit applications have been submitted to the agencies. The IS/MND has been filed and is complete. A notice of completion for the Section 401 has been received. We are in communication with the USACE on the Section 404, formal consultation with USFW has been initiated due to GGS. This is a 90-day process which started on 2/7/19. CDFW notified us that we may complete the project as described in our application without an agreement. 90% plans and specifications have been completed and we will be working to finalize those for bidding at a later date. Bidding is dependent on limitations to access to the island posed by weight and size restrictions on the bridge. We are continuing to coordinate with PG&E regarding the power relocation. A site visit with PG&E occurred on 2/28/2019.

Five Year Plan – We intend to begin work on updating the Five-Year Plan (FYP) once the agreement has been fully executed.

Special Projects – DWR hopes to release a Projects Solicitation Package (PSP) for Levee Improvement, Habitat Enhancement, and Multi-Benefit Projects soon. \$60 million will likely be available under the PSP.

We are monitoring the status, and the District should consider submitting a project proposal at the appropriate time.

DWR Emergency Response Grant Update – Contra Costa County's consultant, Michael Baker International (MB), submitted a draft of the Local Flood Safety Plan for review and comment. We previously reviewed the Plan and provided MB with comments. We recently received some revised documents and provided additional comments on the limited excerpts we received. We will keep you posted as we receive additional updates.

RECLAMATION DISTRICT NO. 830 – JERSEY ISLAND

DELTA LEVEES MAINTENANCE SUBVENTIONS PROGRAM APPLICATION

MARCH 2019

TOTAL AMOUNT REQUESTED 2019 – 2020: \$2,112,000

District Summary

The levee system surrounding Jersey Island is under the jurisdiction of Reclamation District No. 830 (District). The District plans to continue to perform annual maintenance on the 15.5 miles of non-project levee surrounding Jersey Island. The island is bounded on the northwest by the San Joaquin River, on the north by False River, on the northeast by Piper Slough, on the east by Taylor Slough, and on the south by Dutch Slough. The levee protects 3,561 acres of agricultural land, local infrastructure and on-island assets, and approximately 3¹ residents on Jersey Island.

Financials

The District has the ability to assess landowners up to \$99.90 on each \$100 of assessed valuation. The District has no indebtedness or unpaid warrants.

The District annually collects \$547,314 in assessments. In fiscal year 2017-2018, \$861,480 was used for Subventions eligible levee maintenance and levee rehabilitation projects (see FY 2017-2018 Subventions Claim). The District's non-Subventions eligible levee expenses totaled \$184,680 (18%) of the assessment revenue. Non-Subventions eligible expenses included insurance, accounting and office, dues, electrical, pump repairs, and miscellaneous repairs and maintenance. See attached Financial Statements with Independent Auditor's Report for the Year Ended June 30, 2018 for additional information.

Work Plans

Long-Range Plan

The District submitted its Five Year Plan to DWR in June 2012, which includes its maintenance and rehabilitation plans, target dates, cost estimate, centerline profiles and cross-sections. The District did not include a listing of encroachments; it does have a list of locations by station, but it does not maintain a current list of elevations. The encroachment listing is on file with the District, and will be updated for the District survey. Since 2012, the District has continued to work towards meeting their goal to attain and maintain the levee system at, or above, a sustainable minimum levee standard. The existing levee system currently meets the minimum elevation requirements of the Federal Emergency Management Agency's Short Term Hazard Mitigation Plan, for an agricultural levee in the Sacramento-San Joaquin Delta. The District is currently updating their Five-Year Plan.

¹ Contra Costa LAFCO, Directory of Local Agencies, August 2015.

Annual Routine Maintenance Plan

The District plans to continue its routine maintenance practices, which it has done consistently for a number of years, as evidenced by the current state of the levee system. Routine tasks include levee patrol; rodent control; all weather roadway repairs; repair of minor subsidence sloughing or slipouts; debris removal; toe ditch cleaning; vegetation control; waterside slope protection; flood emergency planning and preparation; encroachment removal; engineering services; and other maintenance and permitting as needed.

The District has executed a Routine Maintenance Agreement (RMA) (#II-607-99) under Section 1600, et seq., of the California Department of Fish and Wildlife (CDFW) Code. This Agreement defines the District's maintenance work on the waterside of the levee.

District personnel patrol the District's levee. If applicable, a levee maintenance inspection report for non-project levees will be prepared for reimbursement of inspection-related expenses in accordance with the reporting guidelines provided in Appendix D of the Guidelines.

The District will exterminate burrowing rodents and fill the burrows with compacted material, on an as needed basis. As designated by CDFW, no filling of burrows in burrowing owl areas shall take place during the period of March 15 through August 15, with the exception of the filling of beaver and muskrat dens near the waterline. Application of County-permitted and restricted bait materials, or any other approved method of rodent eradication, shall be done in accordance with labeled instructions and regulations.

The District will repair, grade, and shape the levee crown as needed, so that the levee crown will maintain a uniform shape, resulting in the drainage of water equally throughout the surface, and eliminating the risk of pocketing or excessive runoff locations. Levee patrol road areas require placement of all-weather road surfacing for wet weather accessibility. Work will be performed in a manner that will keep dust to a minimum and prevent siltation from impacting the adjacent waterways. The weight and speed of all vehicles using the patrol or levee access roads shall be restricted.

A seepage/irrigation ditch is located near the levee toe, extending almost the entire perimeter of Jersey Island. Typically, the seepage/irrigation ditch is four (4) to eight (8) feet wide on top and two (2) feet at the bottom. The ditch depth ranges from three (3) to seven (7) feet. The District has cleaned this ditch annually by removing silt deposited at its bottom. District staff use an excavator to remove sediment by reaching into the ditch with a perforated bucket and depositing the sediment to the side. On average, any particular portion of the ditch system is cleaned every three years. Vegetation loss is insignificant and is not long-term since the process removes mainly sediment from the bottom of the ditch. Ditch cleaning is likely to occur in the late fall or, weather permitting, during the winter.

Vegetation control consists of spraying, clearing, and grazing. Spraying is performed using land-based equipment, typically a boom-mounted sprayer or hand sprayer. Herbicides are applied to the crown, waterside slope, and landside slope after July 1 to avoid impacts to wildlife. Noxious

vegetation not controlled by spraying is removed by District forces (hand tools, choppers, and brush hogs). Livestock are allowed to graze on the levee periodically. This farming practice assists in the District's vegetation control.

The District's RMA for controlling vegetation on the waterside slopes includes, but is not limited to the following additional conditions:

- To protect ground nesting birds and other breeding wildlife species, herbicides may not be applied between March 15 and July 1.
- Soil sterilants may only be applied to control *Arundo donax*.
- Removal of branches, stems, and shoots of weeds, brush, berry vines, and shrubs may be removed except between March 15 and June 30.
- To perform necessary flood control inspections and maintenance, the district may remove trees, except between March 15 and June 30. When trees are removed the root system will be left undisturbed, except as necessary to maintain levee stability. Tree branches may be pruned up to 48 inches above the ground.

Most of Jersey Island's waterside levee slope is revetted with quarry stone riprap. The District repairs waterside erosion when required. Erosion sites are repaired based on severity and the maintenance budget for fiscal year 2019 – 2020. The District inspects the waterside slope and makes repairs as soon as possible after the need for them is discovered.

The District is participating in Contra Costa County's effort to develop an Emergency Operation Plan. The District has procured flood fight supplies, and will maintain those supplies into the future.

As needed, the District may remove, raise, or modify encroachments that endanger the levee or interfere with levee maintenance, and replace missing station markers to ensure there are station markers at least every one-half mile or 2,500 feet.

The routine maintenance of the levee under the jurisdiction of the District for 2019 – 2020 will likely consist of the following items along with the estimated cost.

Annual Routine Maintenance Items	Estimated Cost (\$)
Levee Patrol	20,000
Rodent Control	2,000
All Weather Road	65,000
Subsidence, Sloughing, and Slipouts	25,000
Debris Removal	2,000
Seepage Control	3,000
Clean Drains and Toe Ditches	75,000
Vegetation Control	45,000
Waterside Slope Protection	100,000
Flood Planning and Preparation	10,000
Remove or Modify Encroachments	300,000

Surveying	10,000
Engineering	50,000
Misc. (gates, signage, etc.)	23,000
Environmental (CDFW permits, etc.)	2,000
TOTAL Routine Maintenance	\$732,000

Rehabilitation Plan

Sites to be determined later.

Rehabilitation Items	Estimated Cost (\$)
Raising the levee to 1.0-foot freeboard plus 0.5-foot tolerance	15,000
Widening levee crown to 16 feet	50,000
Construction of landside berms for stability	300,000
Construction of splash berms	515,000
Seepage drain on north levee	350,000
Bulletin 192-82 Levee Work	
Reconstruction and upgrading of all-weather patrol roads	50,000
TOTAL Levee Rehabilitation	\$1,280,000

An allocation has been included as a result of habitat removal.

Environmental Mitigation Item	Estimated Cost (\$)
Environmental Mitigation	100,000
TOTAL Mitigation	\$100,000

Compliance with Applicable Laws

The District will abide by all applicable laws including, but not limited to, labor compliance and mileage reimbursement rates.

- All work, subject to labor compliance laws, will be required to meet the Department of Industrial Relations Labor Compliance Program requirements.
- The District acknowledges that reimbursement of automobile mileage, as it relates to eligible work, will follow the prevailing Federal Standard Mileage Rate for the cost of operating an automobile.

Environmental Compliance

The District has concluded that its long-range, routine maintenance practices and levee rehabilitation are Categorical Exempt under the California Environmental Quality Act (CEQA). The District will file a Notice of Exemption with Contra Costa County to that effect.

The District's work activities, for the fiscal year of the application, will be carried out in a manner consistent with the requirements set forth under California Water Code (CWC) Section 12987. The

District does not anticipate habitat impacts that would result in a net long-term loss of habitat; therefore, no mitigation is planned. If habitat impacts associated with levee maintenance activities occur, the District will mitigate the impacts to meet the requirements of CWC Section 12987. The District proposes, and hereby requests, to utilize the programmatic enhancement habitat credits, if necessary. The District will comply with the net habitat improvement mandates of the CWC Section 12987.

The District's maintenance plan complies with the California Endangered Species Act, the Federal Endangered Species Act, and California Fish and Game Code § 1600 et seq., regarding Lake and Streambed Alteration Agreements.

The District's maintenance plan is consistent with the Clean Water Act, and the Rivers and Harbors Act, as administered by USACE.

Minor erosion repair may be performed under a project specific, or a RMA CDFW Streambed Alteration Agreement, and/or a USACE Nationwide Permit, depending on repair requirements. All applicable parties will be informed of the activity as required.

The District will notify responsible and trustee agencies of any actions that fall within these agencies' jurisdiction as required by law.

Federal Disaster Assistance

In any given year, the District's expectation is to be ready for potential emergency operations during the flood season. While the District is unable to predict the potential outcome in a given year, there is always the potential for emergency flood fighting, and subsequent levee repairs and rehabilitation. In the case that an emergency (federal, state or local) occurs, the District will properly administer the emergency and seek reimbursement for eligible expenses through all available programs including under PL 93-288. If federal assistance is unavailable, the District will coordinate with the Delta Levees Maintenance Subventions Program for possible reimbursement.



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4155.6 SUBVENTIONS APPLICATION 2019-2020