

**Flood Control Zone 9 - Ross Valley Flood Protection & Watershed Program
Fiscal Year 2019 - 2020 Budget**

Page Index	Page #
Program Revenue and Budget Summary	1
Ross Valley Flood Risk Reduction Program Expenditure Summary	2
Program Budget Detail Report	
<i>Capital Improvement Projects</i>	
1. Corte Madera Creek Flood Risk Mangement Project - Phase 1	3
2. Corte Madera Creek Flood Risk Mangement Project - Phase 2	3
3. Hillview Neighborhood Pump Station & Storm Drain Improvement Project	3
4. San Anselmo Flood Risk Reduction Project	3
<i>Bridge Modification/Replacement Projects</i>	
5. Azalea Avenue (Fairfax)	3
6. Madrone Avenue (San Anselmo)	3
7. Nokomis Avenue (San Anselmo)	4
8. Sycamore/Center Boulevard (San Anselmo)	4
9. Winship Avenue (Ross)	4
<i>Feasibility Evaluations and Studies</i>	
10. Lower Corte Madera Creek Improvement Study	4
11. Program Environmental Impact Report	4
12. Sleepy Hollow Creek/Morningside Feasibility Study (San Anselmo)	4
13. Loma Alta Dual-Use Facility Feasibility Evaluation (Prior Fiscal Year Only)	4
<i>Program Management</i>	
14. Program Activities	5
Appendix A: Budget Footnotes & Project Notes	6 - 10
Appendix B: FY 2019 - 2020 Program Work Plan	11 - 17
Appendix C: Budget Synopsis	18 - 20

**Ross Valley Flood Protection & Watershed Program
Fiscal Year 2019 - 2020 Budget**

Program Revenue & Budget Summary^d (See Appendix A)					
	FY 17/18		FY 18/19		FY 19/20
	Approved Budget	Estimated Actual	Approved Budget	Projected Actual	Proposed Budget
PROGRAM REVENUE					
Total Estimated Revenue^a					
Ross Valley Stormdrainage Fee:	\$2,590,971	\$2,431,037	\$2,535,000	\$2,535,000	\$2,611,050
Zone 9 Grant Reimbursement Expected in FY 18/19:					
Dept of Water Resources (DWR) Grant: Phase 1 - Corte Madera Creek Flood Risk Management Project	\$0	\$0	\$1,635,000	\$1,635,000	\$800,000
DWR Local Levee Evaluation Grant: Phase 2 - Corte Madera Creek Flood Risk Management Project	\$0	\$0	\$1,375,000	\$1,375,000	\$0
DWR Grant: San Anselmo Flood Risk Mngmt. Project	\$0	\$996,540	\$1,730,000	\$1,730,000	\$1,500,000
DWR Local Levee Evaluation Grant: Lower Corte Madera Creek Improvement Study	\$0	\$0	\$255,000	\$255,000	\$0
Reimbursement from Town of San Anselmo: Acorn Building Acquisition	\$0	\$0	\$0	\$0	\$900,000
Grant Reimbursement Subtotal:	\$0	\$996,540	\$4,995,000	\$4,995,000	\$3,200,000
Other Zone 9 & Zone 9A Revenue:					
Ad Valorem Taxes & Other Taxes	\$199,610	\$298,081	\$200,000	\$200,000	\$210,000
Revenues from Use of Money and Property	\$7,253	\$73,628	\$7,300	\$7,300	\$7,300
Intergovernmental Revenues	\$1,025	\$53,382	\$1,030	\$1,030	\$1,050
Miscellaneous Revenues	\$0	\$7,999	\$0	\$0	\$0
Phoenix Lake Project Fund Transfer back to Zone 9:	\$0	\$975,529	\$0	\$0	\$0
Other Revenue Subtotal:	\$207,888	\$1,408,619	\$208,330	\$208,330	\$218,350
Total Program Revenue:	\$2,798,859	\$4,836,196	\$7,738,330	\$7,738,330	\$6,029,400

	FY 17/18		FY 18/19		FY 19/20
	Approved Budget	Estimated Actual	Approved Budget	Projected Actual	Proposed Budget
PROGRAM EXPENSE/BUDGET^e (See Appendix A)					
Total Estimated Program Expenses^b (by Major Budget Category)					
Professional and Trade Services	\$1,512,800	\$1,858,286	\$4,948,430	\$2,754,830	\$3,754,170
Implementation & Other Expenses	\$834,250	\$414,926	\$3,235,550	\$1,137,688	\$2,324,172
Marin County A87 Indirect Cost Allocation	\$0	\$0	\$187,819	\$187,819	\$150,000
Capital Assets, Land & Real Estate Acquisition	\$1,500,000	\$83,330	\$1,900,000	\$1,800,000	\$350,000
Construction	\$0	\$0	\$45,000	\$0	\$1,045,000
County Staff Salary and Overhead	\$1,659,746	\$1,697,476	\$1,642,350	\$1,541,000	\$1,426,236
Total Program Expenses:	\$5,506,796	\$4,054,018	\$11,959,149	\$7,421,337	\$9,049,578
Estimated Ending Fund Balance as of June 30:					
	\$8,645,474		\$8,962,467		\$5,942,290

Ross Valley Flood Protection & Watershed Program Expenditure Summary					
	FY 17/18		FY 18/19		FY 19/20
	Approved Budget	Estimated Actual	Approved Budget	Projected Actual	Proposed Budget
Capital Improvement Projects					
1. Corte Madera Creek Flood Risk Management, Ph 1	\$961,250	\$221,401	\$2,785,000	\$278,000	\$1,935,000
2. Corte Madera Creek Flood Risk Management, Ph 2	\$260,000	\$345,304	\$832,000	\$488,000	\$520,000
3. Hillview Pump Station & Stormdrain Improvement	\$46,000	\$0	\$930,000	\$20,000	\$930,000
4. San Anselmo Flood Risk Reduction	\$2,065,000	\$1,837,190	\$4,273,110	\$3,976,110	\$3,783,000
Bridge Projects:					
5. Azalea Ave (Fairfax)	\$49,000	\$1,057	\$27,000	\$7,000	\$61,000
6. Madrone Ave (San Anselmo)	\$70,375	\$58,614	\$118,890	\$103,890	\$17,934
7. Nokomis Ave (San Anselmo)	\$50,375	\$21,604	\$72,760	\$59,000	\$27,933
8. Sycamore/Center Blvd (San Anselmo)	\$56,000	\$45,943	\$169,900	\$107,000	\$104,665
9. Winship Ave (Ross)	\$42,000	\$4,451	\$27,000	\$31,000	\$22,640
Feasibility Evaluations/Studies:					
10. Lower Corte Madera Creek Improvement Study	\$180,000	\$105,541	\$440,000	\$395,000	\$115,000
11. Program Environmental Impact Report	\$53,750	\$108,802	\$479,580	\$262,280	\$10,000
12. Sleepy Hollow Creek/Morningside Study	\$61,000	\$23,238	\$16,000	\$10,000	\$8,000
13. Loma Alta Dual-Use Facility	\$10,000	\$0	\$0	\$0	\$0
Capital Improvement Projects Subtotal:	\$3,904,750	\$2,773,144	\$10,171,240	\$5,737,280	\$7,535,172
Program Management, Operation & Maintenance, A87 Indirect Cost Allocation, Administration:					
14. Ross Valley Program Activities	\$1,602,045	\$1,280,875	\$1,787,909	\$1,684,057	\$1,514,406
Ross Valley Program Mangmt./O&M Subtotal:	\$1,602,045	\$1,280,875	\$1,787,909	\$1,684,057	\$1,514,406
Program Total:	\$5,506,795	\$4,054,018	\$11,959,149	\$7,421,337	\$9,049,578

* See Appendix A for more information on each numbered item.

		7/2007 to 6/2018	FY 18/19	FY 19/20	
		Cumulative	Projected Actual	Proposed Budget	Total Projected Cumulative
PROGRAM CUMULATIVE REVENUE & EXPENSES					
Total Estimated Cumulative: (July 1, 2007 to June 30, 2017) ^c					
Program Expenses:		\$22,554,018	\$7,421,337	\$9,049,578	\$39,024,933
Program Revenue Collected:		\$29,369,196	\$8,962,467	\$6,029,400	\$44,361,063

Ross Valley Flood Protection & Watershed Program
DRAFT Fiscal Year 2019 - 2020 Budget

Program Budget Detail Report					
	FY 17/18		FY 18/19		FY 19/20
	Approved Budget	Estimated Actual	Approved Budget	Projected Actual	Proposed Budget
PROGRAM BUDGET DETAILS					
Capital Improvement Projects:					
1. Corte Madera Creek Flood Risk Management Project - Phase 1					
Professional & Trade Services	\$800,000	\$131,534	\$2,350,000	\$98,000	\$1,550,000
Implementation & Other Expenses	\$0	\$0	\$150,000	\$0	\$155,000
Capital Assets, Land & Easements Acquisition	\$0	\$0	\$100,000	\$0	\$100,000
Construction	\$0	\$0	\$0	\$0	\$0
County Salaries, Benefits & Overhead	\$161,250	\$89,867	\$185,000	\$180,000	\$130,000
ESTIMATED TOTAL:	\$961,250	\$221,401	\$2,785,000	\$278,000	\$1,935,000
2. Corte Madera Creek Flood Risk Management Project - Phase 2					
Professional & Trade Services	\$50,000	\$86,471	\$75,000	\$175,000	\$200,000
Implementation & Other Expenses	\$0	\$125,078	\$700,000	\$253,000	\$210,000
Capital Assets, Land & Easements Acquisition	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0
County Salaries, Benefits & Overhead	\$210,000	\$133,754	\$57,000	\$60,000	\$110,000
ESTIMATED TOTAL:	\$260,000	\$345,304	\$832,000	\$488,000	\$520,000
3. Hillview Neighborhood Pump Station & Storm Drain Improvement Project					
Professional & Trade Services	\$0	\$0	\$0	\$0	\$0
Implementation & Other Expenses	\$36,000	\$0	\$910,000	\$0	\$910,000
County Salaries, Benefits & Overhead	\$10,000	\$0	\$20,000	\$20,000	\$20,000
ESTIMATED TOTAL:	\$46,000	\$0	\$930,000	\$20,000	\$930,000
4. San Anselmo Flood Risk Management Project					
Professional & Trade Services	\$0	\$1,304,272	\$1,338,110	\$1,493,110	\$1,625,000
Implementation & Other Expenses	\$300,000	\$112,078	\$900,000	\$403,000	\$703,000
Capital Assets, Land & Easements Acquisition	\$1,500,000	\$83,330	\$1,800,000	\$1,800,000	\$250,000
Construction	\$0	\$0	\$0	\$0	\$1,000,000
County Salaries, Benefits & Overhead	\$265,000	\$337,509	\$235,000	\$280,000	\$205,000
ESTIMATED TOTAL:	\$2,065,000	\$1,837,190	\$4,273,110	\$3,976,110	\$3,783,000
Bridge Modification/Replacement Projects:					
5. Azalea Ave. Bridge (Fairfax)					
Professional & Trade Services	\$0	\$0	\$0	\$0	\$0
Implementation & Other Expenses	\$40,000	\$0	\$20,000	\$0	\$45,000
County Salaries, Benefits & Overhead	\$9,000	\$1,057	\$7,000	\$7,000	\$16,000
ESTIMATED TOTAL:	\$49,000	\$1,057	\$27,000	\$7,000	\$61,000
6. Madrone Ave. Bridge (San Anselmo)					
Professional & Trade Services	\$0	\$0	\$9,000	\$0	\$0
Implementation & Other Expenses	\$62,375	\$50,253	\$102,890	\$93,890	\$7,934
County Salaries, Benefits & Overhead	\$8,000	\$8,361	\$7,000	\$10,000	\$10,000
ESTIMATED TOTAL:	\$70,375	\$58,614	\$118,890	\$103,890	\$17,934

Program Budget Detail Report					
	FY 17/18		FY 18/19		FY 19/20
	Approved Budget	Estimated Actual	Approved Budget	Projected Actual	Proposed Budget
PROGRAM BUDGET DETAILS					
7. Nokomis Ave. Bridge (San Anselmo)					
Professional & Trade Services	\$0	\$0	\$9,000	\$0	\$9,000
Implementation & Other Expenses	\$42,375	\$15,280	\$56,760	\$49,000	\$8,933
County Salaries, Benefits & Overhead	\$8,000	\$6,324	\$7,000	\$10,000	\$10,000
ESTIMATED TOTAL:	\$50,375	\$21,604	\$72,760	\$59,000	\$27,933
8. Sycamore/Center Blvd. Bridge (San Anselmo)					
Professional & Trade Services	\$0	\$0	\$0	\$0	\$0
Implementation & Other Expenses	\$48,000	\$44,247	\$162,900	\$100,000	\$72,665
County Salaries, Benefits & Overhead	\$8,000	\$1,696	\$7,000	\$7,000	\$32,000
ESTIMATED TOTAL:	\$56,000	\$45,943	\$169,900	\$107,000	\$104,665
9. Winship Ave. Bridge (Ross)					
Professional & Trade Services	\$0	\$0	\$0	\$0	\$0
Implementation & Other Expenses	\$34,000	\$3,612	\$20,000	\$20,000	\$15,640
County Salaries, Benefits & Overhead	\$8,000	\$839	\$7,000	\$11,000	\$7,000
ESTIMATED TOTAL:	\$42,000	\$4,451	\$27,000	\$31,000	\$22,640
Feasibility Evaluations & Studies:					
10. Lower Corte Madera Creek Improvement & Geomorphic Dredge Study					
Professional & Trade Services	\$135,000	\$52,781	\$365,000	\$300,000	\$45,000
Implementation & Other Expenses	\$0	\$6,117	\$0	\$45,000	\$40,000
County Salaries, Benefits & Overhead	\$45,000	\$46,643	\$75,000	\$50,000	\$30,000
ESTIMATED TOTAL:	\$180,000	\$105,541	\$440,000	\$395,000	\$115,000
11. Program Environmental Impact Report					
Professional & Trade Services	\$0	\$108,802	\$427,580	\$210,280	\$10,000
Implementation & Other Expenses	\$0	\$0	\$0	\$0	\$0
County Salaries, Benefits & Overhead	\$53,750	\$0	\$52,000	\$52,000	\$0
ESTIMATED TOTAL:	\$53,750	\$108,802	\$479,580	\$262,280	\$10,000
12. Sleepy Hollow Creek/Morningside Feasibility Study					
Professional & Trade Services	\$50,000	\$6,806	\$0	\$0	\$0
Implementation & Other Expenses	\$0	\$0	\$0	\$0	\$0
County Salaries, Benefits & Overhead	\$11,000	\$16,432	\$16,000	\$10,000	\$8,000
ESTIMATED TOTAL:	\$61,000	\$23,238	\$16,000	\$10,000	\$8,000
13. Loma Alta Dual-Use Facility					
Professional & Trade Services	\$0	\$0	\$0	\$0	\$0
Implementation & Other Expenses	\$0	\$0	\$0	\$0	\$0
County Salaries, Benefits & Overhead	\$10,000	\$0	\$0	\$0	\$0
ESTIMATED TOTAL:	\$10,000	\$0	\$0	\$0	\$0

Program Budget Detail Report					
	FY 17/18		FY 18/19		FY 19/20
	Approved Budget	Estimated Actual	Approved Budget	Projected Actual	Proposed Budget
PROGRAM BUDGET DETAILS					
Program Management, Project Development and Operation & Maintenance					
14. Program Activities*					
Professional & Trade Services	\$477,800	\$167,619	\$374,740	\$478,440	\$315,170
Construction	\$0	\$0	\$45,000	\$0	\$45,000
Implementation & Other Expenses	\$271,500	\$58,261	\$213,000	\$173,798	\$156,000
Marin County A87 Indirect Cost Allocation	\$0	\$0	\$187,819	\$187,819	\$150,000
County Salaries & Overhead	\$852,745	\$1,054,994	\$967,350	\$844,000	\$848,236
ESTIMATED TOTAL:	\$1,602,045	\$1,280,875	\$1,787,909	\$1,684,057	\$1,514,406
Grant Total:	\$5,506,795	\$4,054,018	\$11,959,149	\$7,421,337	\$9,049,578

**Ross Valley Flood Protection & Watershed Program
Fiscal Year 2019 - 2020 Budget**

Appendix A
Budget Category Definitions
<p>Professional and Trade Services: Professional Services include engineering, architectural, environmental and financial consultants as well as many other special services. Trade Services include services of tradespersons such as plumbing, electrical work, tree removal, landscape services, equipment maintenance or carpentry among others. This work can include minor earthmoving, creek maintenance, concrete work and light building construction associated with maintenance of existing facilities.</p>
<p>Implementation and Other Expenses: Implementation and Other Expenses includes expenses for City/Town study and project cost-share agreements, Assessor Fee Report data requests, flood preparedness program, general program management, administration and meetings, rent & operating leases, travel, supplies, printing, rentals, communications, professional development, education and training, professional dues, creek program & maintenance (creek maintenance agreements with City/Towns), community creek clean up events/activities, precipitation & stream/tide gauge maintenance/repair/equipment/cameras, creek maintenance permit fees and Program Activities as outlined in Project Note #16 below.</p>
<p>Marin County A87 Indirect Cost Allocation: Costs include A87 Indirect Cost Allocation charges for FY 2018-19 (\$187,819) from the County Department of Finance. Each Flood Control Zone is charged an overhead cost in accordance with the County's Fiscal Policy and as allowed by the federal Office of Management and Budget (OMB) Circular 2 CFR Part 200. This cost is in addition to direct charges for staff labor, professional services, utilities and construction trade services. The State Controller's Office formally reviews and approves the Countywide Cost Allocation Plan for indirect overhead charges each fiscal year. The overhead charges to the Flood Control Zones include indirect costs from sixteen categories such as accounting, legal counsel, payroll, collections and employee relations (HR) and the following specific services:</p> <ul style="list-style-type: none"> • County Counsel • Risk Management • Department of Finance • Information Systems & Technology • County Management and Budget • Building Maintenance • Printing Services • County Garage • Landscape Maintenance
<p>Capital Assets, Land & Easements Acquisition: This includes charges to purchase property, land, easements, and/or other capital assets.</p>
<p>Construction:- refers to improvements and major maintenance operations</p>
<p>County Staff Salary and Overhead: County Staff include charges for Flood Control (Water Resources), Community Development Agency, Public Works Roads and Building Maintenance, Print Shop Services, Public Works Real Estate, Parks and Open Space Maintenance Services, Public Works Engineering and Surveying Services, other Public Works charges (Departmental Indirect Overhead). This category does not include A87 Indirect Cost Allocation budgeted amount for FY 2018-19, see separate 'Implementation and Other Expenses' category.</p>

Appendix A

Footnotes (Program Revenue & Expense/Budget Summary)

a	<p>"Total Estimated Revenue":</p> <ul style="list-style-type: none"> • Ross Valley Storm drainage Fee is assumed to increase 3% per year and subject to annual public hearing and approval by the Board of Supervisors. • Grant Reimbursement Expected: Estimated reimbursement from the Department of Water Resources Grants (for projects - San Anselmo Flood Risk Reduction Project, Corte Madera Creek Flood Risk Management Project - Phase 1 and Local Levee Assistance Program). Grant reimbursements received to Phoenix Lake Project fund accounted for in the remaining balance transfer as described below. • "Other Revenue": ad valorem property taxes, revenue from use of money and property (to both Zone 9 and Zone 9A funds), intergovernmental, miscellaneous and balance transferred back to Zone 9 fund from separate Phoenix Lake Project fund, which was closed per Board of Supervisor action on March 20, 2018. "Other Revenue" includes fee and tax collection charges by the Department of Finance. • The Phoenix Lake IRWM Retrofit Project continued during FY 2016/17 to draw down from the \$2.1M actual expenditure charge processed in FY 2012/13 and reflected in the FY 2012/13 Annual Report. That fund tracked expenses and grant reimbursements separate from the Zone 9 fund as presented in this budget. In FY 2018-19 the remaining balance of the Phoenix Lake Project fund was transferred back into Zone 9 for ease of tracking and accounting moving forward.
b	<p>"Total Estimated Program Expenses (by Major Budget Category)":</p> <ul style="list-style-type: none"> • Total expenses across all projects and program activities and reported by major budget category using information from Department of Finance financial reports and estimated accounting expense information. • Fiscal Year 17/18 budget under estimated the program professional and trade service by \$106,000 due to a summation error, the adjusted amount is included in this version of the budget. • Ending Fund Balance represents funds remaining in the Zone 9 fund account at the end of each fiscal year (July 1, 2007 through June 30, 2017). • "Program Fund Balance" includes carry forward balance from three separate Zone 9 funds including Zone 9 Org #32917661, and Zone 9A Org #32817671. Phoenix Lake IRWM Retrofit Project Org# 41PWPIRWM remaining project balance was migrated to the to Zone 9 fund on March 20, 2018. In FY 18/19 all three funds are projected to be consolidated into one fund, Zone 9, for simplification in accounting moving forward and to reduce administrative costs associated with managing various funds. Prior to FY 18/19, the A87 indirect charges were applied to staff labor and not as a stand-alone line item. Therefor the FY 17/18 valubes are show as \$0.
c	<p>"Estimated Program Totals (July 1, 2007 through June 30,2017)":</p> <ul style="list-style-type: none"> • Total Program Expenses and Program Revenue Collected includes all compiled revenue and expenses from the fiscal year which is July 1 through June 30 of following year. • Program Expenses and Revenue for FY 18/19 will be updated after audited financial numbers are available from the Department of Finance in early 2020.
d	<p>All values are estimates and subject to change. Financial information is based on information available from the Marin County Department of Finance, expense records obtained through the County Administrator and Accounting Department, historical information compiled from previous Program Annual Reports between 2008 - 2018 and District staff project expense tracking.</p>
e	<p>"Program Expense/Budget":</p> <p>Summary of Program Expense and Budgets by major budget category and by project or program activity. Refer to the Program Budget Detail Report for more specific project level information.</p>

Appendix A

Project Notes

1.	<p>"Corte Madera Creek Flood Risk Management Project - Phase 1": The Dept. of Water Resources (DWR) IRWM Prop 1E Grant funds for the previously scoped Phoenix Lake IRWM Project transferred to the Corte Madera Creek Flood Risk Management Project - Phase 1. The Draft CEQA/NEPA (EIR/EIS) document prepared by the US Army Corps of Engineers (USACE) is scheduled be completed during FY 2018-19. Development of the Final EIR/EIS is scheduled for completion in September 2019 (FY 2019-20). More Information: www.RossValleyWatershed.org (click on 'Projects' or 'Current Projects').</p>
2.	<p>"Corte Madera Creek Flood Risk Management Project - Phase 2": The Phase 2 project represents the larger USACE project that is also known as (Units 2, 3, & 4). The EIR/EIS currently under development includes the full scope of the larger project, including Phase 1. The DWR Local Levee Evaluation Grant is expected to provide some reimbursement to cover a portion of Zone 9 project expenses and will be reflected accordingly in subsequent Program budgets. More Information: www.RossValleyWatershed.org (click on 'Projects' or 'Current Projects').</p>
3.	<p>"Hillview Neighborhood Pump Station & Stormdrain Improvement Project": The project is funded through a combination of stormdrainage fees, Caltrans grant and local funds from the City of Larkspur. Caltrans is funding approximately \$2.3M for the pump station project component through the federal bridge program. The Phase 1 (feasibility, environmental review and concept design) cost share agreement with the District commits \$42,000 in Zone 9 funds for Phase 1). The cost share agreement will be amended to support Phase 2 (final design, environmental, and bid preparation) and Phase 3 (Construction) once the City of Larkspur complete the initial phase and with approval from the Zone 9 AB and District BOS. The FY 19/20 budget allocates \$930,000 of Zone 9 Stormdrainage in anticipation of the amended agreement and continued work on the project. More information: http://cityoflarkspur.org/DocumentCenter/View/7358/CIP-Booklet-FY17-18-?bidId= (See PDF page 47, Project 2016-11)</p>
4.	<p>"San Anselmo Flood Risk Reduction Project": The Final Project EIR was certified in FY 2018/19 and the project is currently in the final design and permitting phase. More Information: www.RossValleyWatershed.org (click on 'Projects' or 'Current Projects').</p>
5.	<p>"Azalea Ave Bridge Replacement": Environmental review and final design are scheduled to be completed in FY 19/20. The existing District and Town of Fairfax Cost-share Agreement for Phase 1 of the project (feasibility and conceptual design) includes 88.53% Caltrans grant funds, 11.47% Zone 9 Stormwater fees as Caltrans-required local cost share match and currently commits up to \$65,000 Zone 9 funds. With direction from the Zone 9 AB and the District board of Supervisors (BOS), the District will extend the expiration date of the existing Memorandum of Understanding to allow for completion of Phase 1 (feasibility and enviromental review). Financial support from Zone 9 of Phase 2 (design) and Phase 3 (construction) is not currently included in the FY 2019/20 Work Plan, however is subject to change per allocation of funding as approved by the Zone 9 AB and District BOS. More Information: www.RossValleyWatershed.org (click on 'Projects' or 'Current Projects' and see 'Town Bridge Replacement Projects in Ross Valley').</p>

Appendix A

6. **"Madrone Avenue Bridge Replacement"**: Environmental review and final design are scheduled to be completed in FY 2018/19. The existing District and Town of San Anselmo Cost-share Agreement for Phase 1 of the project (feasibility and conceptual design) includes 88.53% Caltrans grant funds, 11.47% Zone 9 Stormwater fees as Caltrans-required local cost share match. Currently Zone 9 Stormwater fees have committed up to \$159,617 Zone 9 funds which include funding for California Environmental Quality Act compliance as well as Project Management. With direction from the Zone 9 AB and the District Board of Supervisors (BOS), the District will extend the expiration date of the existing Memorandum of Understanding to allow for completion of Phase 1 (feasibility and environmental review). Financial support from Zone 9 of Phase 2 (design) and Phase 3 (construction) is not currently included in the FY 2019/20 Work Plan, however is subject to change per allocation of funding as approved by the Zone 9 AB and District BOS. More Information: www.RossValleyWatershed.org (click on 'Projects' or 'Current Projects' and see 'Town Bridge Replacement Projects in Ross Valley').
7. **"Nokomis Ave Bridge Replacement"**: Environmental review and final design are scheduled to be completed in FY 2018/19. The existing District and Town of San Anselmo Cost-share Agreement for Phase 1 of the project (feasibility and conceptual design) includes 100% Caltrans grant funds, with Zone 9 Stormwater fees committing up to \$84,875 Zone 9 funds for California Environmental Quality Act compliance and Project Management (not eligible through Caltrans grant). With direction from the Zone 9 AB and the District Board of Supervisors (BOS), the District will extend the expiration date of the existing Memorandum of Understanding to allow for completion of Phase 1 (feasibility and environmental review). Financial support from Zone 9 of Phase 2 (design) and Phase 3 (construction) is not currently included in the FY 2019/20 Work Plan, however is subject to change per allocation of funding as approved by the Zone 9 AB and District BOS. More Information: www.RossValleyWatershed.org (click on 'Projects' or 'Current Projects' and see 'Town Bridge Replacement Projects in Ross Valley').
8. **"Sycamore/Center Blvd Bridge Replacement"**: Environmental review and final design are scheduled to be completed in FY 2021. The existing District and Town of San Anselmo Cost-share Agreement for Phase 1 of the project (feasibility and conceptual design) includes 88.53% Caltrans grant funds, 11.47% Zone 9 Stormwater fees as Caltrans-required local cost share match. Currently Zone 9 Stormwater fees have committed up to \$380,332 Zone 9 funds which include additional funding for California Environmental Quality Act compliance as well as Project Management. With direction from the Zone 9 AB and the District Board of Supervisors (BOS), the District will extend the expiration date of the existing Memorandum of Understanding to allow for completion of Phase 1 (feasibility and environmental review). Financial support from Zone 9 of Phase 2 (design) and Phase 3 (construction) is not currently included in the FY 2019/20 Work Plan, however is subject to change per allocation of funding as approved by the Zone 9 AB and District BOS. More Information: www.RossValleyWatershed.org (click on 'Projects' or 'Current Projects' and see 'Town Bridge Replacement Projects in Ross Valley').
9. **"Winship Avenue Bridge Replacement"**: Environmental review and final design are scheduled to be completed in FY 18/19. The existing District and Town of Ross Cost-share Agreement for Phase 1 of the project (feasibility and conceptual design) includes 100% Caltrans grant funds, with Zone 9 Stormwater fees committing up to \$83,735 Zone 9 funds for California Environmental Quality Act compliance and Project Management (both are not eligible through Caltrans grant). With direction from the Zone 9 AB and the District Board of Supervisors (BOS), the District will extend the expiration date of the existing Memorandum of Understanding to allow for completion of Phase 1 (feasibility and environmental review). Financial support from Zone 9 of Phase 2 (design) and Phase 3 (construction) is not currently included in the FY 2019/20 Work Plan, however is subject to change per allocation of funding as approved by the Zone 9 AB and District BOS. More Information: www.RossValleyWatershed.org (click on 'Projects' or 'Current Projects' and see 'Town Bridge Replacement Projects in Ross Valley').

Appendix A

10.	<p>"Lower Corte Madera Creek Improvement & Geomorphic Dredge Study": Study is scheduled to be completed in early FY 19/20 and includes funding to complete the geomorphic dredge study. If dredging is determined to be beneficial for flood control, funds are designated (\$100,000) in FY 2019/20 to begin plans, specifications and environmental permits to dredge Corte Madera Creek channel. More Information: www.RossValleyWatershed.org (click on 'Projects' or 'Current Projects').</p>
11.	<p>"Ross Valley Flood Protection and Watershed Program Environmental Impact Report": District staff will work with the Zone 9 AB to assess the current scope and direction of the Program EIR to determine next steps and the schedule for further development of the Program EIR. More Information: www.RossValleyWatershed.org (see 'Program' bar, then click on 'Environmental Review').</p>
12.	<p>"Sleepy Hollow Creek/Morningside Feasibility Study": The Study is scheduled to be completed in FY 2018/19 which will include additional information collected through the SAFRR Project EIR.</p>
13.	<p>"Loma Alta Dual-Use Facility Feasibility Study": No funds are available or planned for study. Only staff time was budgeted in FY 2017-18, but no staff time is budgeted in FY 2018/19 or FY 2019/20. If no work funds are planned for the next Program Budget in FY20-21, this study will drop off the budget and workplan as a line item.</p>
14.	<p>"Program Activities": Includes activities that support project development/ implementation and program management and operation as outlined below.</p> <ul style="list-style-type: none"> • Program Management & Implementation: Program Implementation, Project Development, Operation & Maintenance (Annual & Emergency), Grant Acquisition and Support Services, Administration, Marin County A87 Indirect Cost Allocation, Finance Strategy, and Public Engagement and Outreach • Flood Preparedness Program: Ross Valley Flood Preparedness Pilot, Home Elevation Grant-Property Owner Support and Elevation Program Survey • Creek Program: Creek Conveyance & Habitat Maintenance (Incorporated. Areas), Regulatory Agency and Permitting Support, Creek Assessments, Creek Maintenance Agreements with City/Towns and Rain/Stream Gage Program & Alert System <p>>>> Due to a formula error in the spreadsheet used to develop the FY18/19 budget, the total for Program Activities is actually \$1,787,909, instead of the previously published amount of \$1,788,139. This also impacts the total budget amount.</p>

**Ross Valley Flood Protection & Watershed Program
Fiscal Year 2019-2020 Work Plan**

Appendix B							
	Lead Agency & Funding Source	FY17-18 Milestone Status	FY 17-18 Actual	FY18-19 Milestone - Status (as of 12/31/2018)	FY 18-19 Projected Actual	FY19-20 Milestone - Planned	FY 19-20 Proposed Budget
Capital Improvement Projects:							
1.	Corte Madera Creek Flood Risk Management Project - Phase 1: Represents a subset of the overall Corte Madera Creek Flood Risk Management Project (as defined below in Phase 2) and includes proposed removal of the Ross fish ladder and transition, creating a riparian corridor at Frederick Allen Park and installing flood walls downstream in Kentfield at the Granton Park Neighborhood. This phase is an integrated part of the Corte Madera Creek Flood Risk Management Project and as such is being analyzed within the Corte Madera Creek Flood Risk Management Project Environmental Impact Statement/Environmental Impact Report, led by the U.S. Army Corps of Engineers.						
	<u>Lead:</u> US Army Corps of Engineers (USACE) <u>Funding:</u> USACE, DWR Grant, Zone 9 Revenue	1) Finalize DWR Grant scope amendment - Complete 2) Complete & release Draft EIR/EIS - Complete 3) Finalize project description and complete Project EIR (CEQA) - Completed Draft 4) Conduct public engagement - Completed and On-going	\$961,250	1) Work with USACE to complete & release Draft EIR/EIS - Complete 2a.) Work with USACE to receive Draft EIR/EIS public comments - Complete 2b.) Work with USACE to begin to develop Final EIR/EIS - In Progress 3) Ongoing public engagement - In Progress 4) Coordination with USACE, Town of Ross and project stakeholders - In Progress	\$278,000	1) Work with USACE to complete & release Final Project EIS/EIR 2) Work with USACE to receive Final EIR/EIS public comments and hold public hearing 4) Coordination with USACE, Town of Ross, project stakeholders and ongoing public engagement 5) Upon certification of Project EIS/EIR, Work with USACE to develop USACE permit approval to initiative Phase 1 with grant and local funding 6) Develop project-related agreements with Town of Ross for construction and maintenance 7) Work with USACE on planning to request congressional funding for construction of Phase 2 (below)	\$1,935,000

Fiscal Year 2019-2020 Work Plan

Appendix B							
	Lead Agency & Funding Source	FY17-18 Milestone Status	FY 17-18 Actual	FY18-19 Milestone - Status (as of 12/31/2018)	FY 18-19 Projected Actual	FY19-20 Milestone - Planned	FY 19-20 Proposed Budget
2.	Corte Madera Creek Flood Risk Management Project - Phase 2: Improve existing concrete and earthen channel from Sir Francis Drake Blvd Bridge in Ross extending to downstream end of concrete channel. Measures may include removal of existing fish ladder, smooth transition at upstream end of concert channel, remove constrictions, top of bank and offset floodwalls, bypass channels and creek restoration.						
	Lead: USACE Funding: USACE, Zone 9 Revenue	1) Complete analysis of alternatives and present in public meetings/workshops - Complete 2) Determine alternative with best cost: benefit ratio (NED plan) and/or Locally Preferred Plan to decide on Tentatively Selected Plan (TSP) - Complete 3) TSP to USACE Headquarters and reach Agency Decision Milestone - Complete	\$260,000		\$488,000	1) Work with USACE to complete & release Final Project EIS/EIR 2) Work with USACE to receive Final EIR/EIS public comments and hold public hearing 4) Coordination with USACE, Town of Ross, project stakeholders and ongoing public engagement 5) Upon certification of Project EIS/EIR, Work with USACE on planning to request congressional funding for construction of Phase 2	\$520,000
3.	Hillview Neighborhood Pump Station & Storm Drain Improvement Project: Led by City of Larkspur, proposed project includes overall drainage improvements in the Hillview neighborhood and seeks to minimize the need to perform sediment removal in Corte Madera Creek at existing storm drainage outfalls. Periodic sediment removal has been necessary in the past to provide pathways from these outfalls to the main creek channel to properly discharge Hillview neighborhood drainage. The initial conceptual design to improve the drainage in the neighborhood was envisioned to redirect storm drains within Hillview Gardens to a new pump station on Bon Air Road being constructed through the City of Larkspur Bon Air Road Bridge Replacement Project.						
	Lead: City of Larkspur Funding: Caltrans Grant, Zone 9 Revenue, City of Larkspur	<i>Narrative and work plan was previous combined with the Lower Corte Madera Creek Improvement Project. This project has moved along a separate schedule and thus tracked separately. A survey was completed of the study area by CSW.</i>	\$46,000	1) Coordinate with the City of Larkspur of the development of the project design - In Progress 2) Support the City through final design and environmental review as appropriate - On-going and Continue in FY 19-20 3) Support the City through construction planning - Moved to FY 19-20	\$20,000	1) Coordinate with the City of Larkspur on enviromental review, final design and construction planning	\$930,000

Fiscal Year 2019-2020 Work Plan

Appendix B							
	Lead Agency & Funding Source	FY17-18 Milestone Status	FY 17-18 Actual	FY18-19 Milestone - Status (as of 12/31/2018)	FY 18-19 Projected Actual	FY19-20 Milestone - Planned	FY 19-20 Proposed Budget
4.	San Anselmo Flood Risk Reduction Project: Considers program elements including former Sunnyside Nursery Site Detention Basin, removal of buildings over San Anselmo Creek, and creek improvements from downtown San Anselmo to Town of Ross.						
	Lead: Flood Control District Funding: DWR Grant, Zone 9 Revenue	1) Complete development of Project EIR - Complete 2) Finalize project description - Complete 3) Conduct community meetings - Complete & On-going 4) Complete property acquisition - Complete	\$2,065,000	1) Complete & certify Project EIR - Complete 2) Finalize project description - Complete 3) Conduct community meetings - Complete & on-going 4) Complete property acquisition - Complete	\$3,976,110	1) Complete final design and permitting 2) Work with impacted downstream residents to support mitigation planning for potential, incremental increase in water surface elevation with upstream projects 3) Coordination with Town of San Anselmo, project stakeholders and community 4) Support Town in re-design and planning of Creek Park as supported by DWR grant 5) Manage 634 San Anselmo property and support tenant relocation until construction	\$3,783,000
Bridge Modification/Replacement Projects:							
5.	Azalea Ave Bridge Replacement: Removal and replacement of bridge over Fairfax Creek. The existing District and Town of Fairfax Cost-share Agreement for Phase 1 of the project (feasibility and conceptual design) includes 88.53% Caltrans grant funds, 11.47% Zone 9 Stormwater fees as Caltrans-required local cost share match and currently commits up to \$65,000 Zone 9 funds.						
	Lead: Town of Fairfax Funding: Caltrans Grant, Zone 9 Revenue	1) Complete Concept Design - In Progress 2) Initiate CEQA - In Progress 3) Conduct Public Engagement - On-going	\$49,000	1) Support Town with completion of final design - Moved to FY19-20 2) Support Town with completion of CEQA - In Progress 3) Support Town with Public Engagement - In Progress 4) Support Town with early construction planning - Moved to FY19-20	\$7,000	1) Support Town with completion of final design 2) Support Town with completion of CEQA 3) Support Town with Public Engagement 4) Support Town with early construction planning	\$61,000

Fiscal Year 2019-2020 Work Plan

Appendix B							
	Lead Agency & Funding Source	FY17-18 Milestone Status	FY 17-18 Actual	FY18-19 Milestone - Status (as of 12/31/2018)	FY 18-19 Projected Actual	FY19-20 Milestone - Planned	FY 19-20 Proposed Budget
6.	Madrone Ave Bridge Replacement: Removal and replacement of Madrone Ave Bridge over San Anselmo Creek in Town of San Anselmo. The existing District and Town of San Anselmo Cost-share Agreement for Phase 1 of the project (feasibility and conceptual design) includes 88.53% Caltrans grant funds, 11.47% Zone 9 Stormwater fees as Caltrans-required local cost share match. Currently Zone 9 Stormwater fees have committed up to \$159,617 Zone 9 funds which include funding for California Environmental Quality Act compliance as well as Project Management.						
	Lead: Town of San Anselmo Funding: Cal Trans. Grant, Zone 9 Revenue	1) Complete CEQA - Moved to FY 18-19 2) Complete 30% Design - Complete 3) Conduct Public Engagement - On-going	\$70,375	1) Support Town with completion of final design - In Progress 2) Support Town with completion of CEQA - In Progress 3) Support Town with Public Engagement - In Progress 4) Support Town with early construction planning - Moved to FY19-20	\$103,890	1) Support Town with completion of CEQA process and final design 2) Support Town with public engagement 3) Support Town with early construction planning	\$17,934
7.	Nokomis Ave Bridge Replacement: Removal and replacement of Nokomis Ave Bridge over San Anselmo Creek in Town of San Anselmo. The existing District and Town of San Anselmo Cost-share Agreement for Phase 1 of the project (feasibility and conceptual design) includes 100% Caltrans grant funds, with Zone 9 Stormwater fees committing up to \$84,875 Zone 9 funds for California Environmental Quality Act compliance and Project Management (not eligible through Caltrans grant).						
	Lead: Town of San Anselmo Funding: Cal Trans. Grant, Zone 9 Revenue	1) Complete CEQA - Moved to FY 18-19 2) Complete 30% design - Complete 3) Conduct public engagement - On-going	\$50,375	1) Support Town with completion of final design - In Progress 2) Support Town with completion of CEQA - In Progress 3) Support Town with public engagement - In Progress 4) Support Town with early construction planning - Moved to FY19-20	\$59,000	1) Support Town with completion of CEQA process and final design 2) Support Town with public engagement 3) Support Town with early construction planning	\$27,933
8.	Sycamore Ave (Center Blvd) Bridge Replacement: Removal of bridge at Sycamore Ave and replacement with a new bridge at Center Blvd over San Anselmo Creek in Town of San Anselmo. The existing District and Town of San Anselmo Cost-share Agreement for Phase 1 of the project (feasibility and conceptual design) includes 88.53% Caltrans grant funds, 11.47% Zone 9 Stormwater fees as Caltrans-required local cost share match.						
	Lead: Town of San Anselmo Funding: Cal Trans. Grant, Zone 9 Revenue	1) Acquire Caltrans funding to proceed with preliminary design- Moved to FY18-19 2) Initiate CEQA - Moved to FY19-20	\$56,000	1) Support Town with completion of initial design - In Process 2) Support Town with initiation of CEQA - In Process 3) Support Town with public engagement - On-going	\$107,000	1) Support Town with completion of CEQA process and final design 2) Support Town with public engagement 3) Support Town with early construction planning	\$104,665

Fiscal Year 2019-2020 Work Plan

Appendix B							
	Lead Agency & Funding Source	FY17-18 Milestone Status	FY 17-18 Actual	FY18-19 Milestone - Status (as of 12/31/2018)	FY 18-19 Projected Actual	FY19-20 Milestone - Planned	FY 19-20 Proposed Budget
9.	Winship Ave Bridge Replacement: Removal and replacement of Winship Ave Bridge over San Anselmo Creek in Town of Ross. The existing District and Town of Ross Cost-share Agreement for Phase 1 of the project (feasibility and conceptual design) includes 100% Caltrans grant funds, with Zone 9 Stormwater fees committing up to \$83,735 Zone 9 funds for California Environmental Quality Act compliance and Project Management (neither are eligible through Caltrans grant).						
	Lead: Town of Ross Funding: Caltrans Grant, Zone 9 Revenue	1) Complete CEQA - Moved to FY18-19 2) Complete 30% Design - In Progress 3) Conduct public engagement - On going	\$42,000	1) Support Town with completion of final design - In Process 2) Support Town with completion of CEQA - In Process 3) Support Town with public engagement - On-going 4) Support Town with construction planning - Moved to FY19-20	\$31,000	1) Support Town with completion of final design 2) Support Town with public engagement 3) Support Town with construction planning 4) Coordinatate with Town on staging between Bridge Replacement and San Anselmo Flood Risk Management Project	\$22,640
Feasibility Evaluations & Studies:							
10.	Lower Corte Madera Creek Improvement and Geomorphic Dredge Study: The Study will provide a comprehensive assessment of the current condition of the levee and creek system downstream of the concrete channel and identify and provide recommendations for improvements including how to achieve the equilibrium channel dimension for Corte Madera Creek. The Study is intended to assess the need for future projects and consider potential project concepts that could be partially funded for final design and construction under the LLAP or from other funding sources.						
	Lead: Flood Control District Funding: DWR Grant, Zone 9 Revenue	1) Sign DWR grant agreement - Complete 2) Bathymetric and land survey - Complete 3) H&H analyses of channel and geotechnical exploration at locations along creek - Complete 4) Geomorphic Dredge Study - In Progress	\$180,000	1) Complete H&H analyses of channel and geotechnical exploration - Complete 2) Complete Geomorphic Dredge Study Report - In Progress 3) Work with City of Larkspur on public engagement, planning and next steps following final report - In Progress & On-going	\$395,000	1) Complete Lower Corte Madera Creek Improvement Study 2) Complete Geomorphic Dredge Study Report 3) Work with City of Larkspur on public engagement, planning and next steps following final report	\$115,000

Fiscal Year 2019-2020 Work Plan

Appendix B							
	Lead Agency & Funding Source	FY17-18 Milestone Status	FY 17-18 Actual	FY18-19 Milestone - Status (as of 12/31/2018)	FY 18-19 Projected Actual	FY19-20 Milestone - Planned	FY 19-20 Proposed Budget
11.	Program Environmental Impact Report: The Program EIR (PEIR) was initiated to study the environmental impacts of the program as a whole and with a watershed-wide perspective. The PEIR would look at the measures outlined in the Program Capital Improvement Plan in order to save time and money for subsequent CEQA requirements and to provide an opportunity for the community to comment on the program in its entirety. The project components presented in the PEIR are potential projects and not all will necessarily be completed.						
	<u>Lead:</u> Flood Control District <u>Funding:</u> DWR Grant (prior to 7/1/18), Zone 9 Revenue	<i>Milestones not set in previous version of work plan.</i>	\$53,750	1) Work with AB to evaluate the current scope and timing of PEIR - In Progress 2) Per direction of AB, complete the Draft and Final PEIR - In Progress	\$262,280	1) Work with AB and Technical Advisory Committee to evaluate the current scope and concurrent projects underway in the proposed FY19-20 Work Plan to establish a use-case for continued development of the PEIR or related watershed-wide guidance document 2) Initiate AB-supported plan	\$10,000
12.	Sleepy Hollow Creek/Morningside Feasibility Study (San Anselmo): The District is working with the Town of San Anselmo and the community in the Morningside/ Lower Sleepy Hollow Creek Neighborhood to develop a feasibility level study that includes objectives and a hydraulic analysis of potential flood risk reduction measures that could provide up to a 25-year flood level of protection in the area. The recently certified San Anselmo Flood Risk Management Environmental Impact Report analysed an alternative that included the modification of bridges in this neighborhood. While that alternative was not selected as the preferred alternative, additional evaluation from the analysis will be used to inform and complete the Study in FY 18/19.						
	<u>Lead:</u> Flood Control District <u>Revenue:</u> Zone 9 Revenue	<i>Milestone not set in previous version of work plan.</i>	\$61,000	1) Complete Study following certification of Final San Anselmo Flood Risk Management Project EIR to incorporate area information - In-Progress 2) Work closely with the Sleepy Hollow/Morningside Neighborhood representatives to discuss next steps - In Progress 3) Continue to seek funding sources - On-going	\$10,000	1) Conduct additional targeted survey to gather support future grant opportunities 2) Continue to coordinate with the Town of San Anselmo and Sleepy Hollow/Morningside Neighborhood representatives to seek potential funding sources	\$8,000
13.	Loma Alta Dual-Use Facility: Feasibility study suspended. No funding planned in FY 18 -19						
	<u>Lead:</u> Flood Control District <u>Funding:</u> No funds budgeted	<i>No funds budgeted or work planned in FY 17/18 aside from District staff time</i>	\$10,000	<i>No funds budgeted or work planned in FY 18/19</i>	\$0	<i>No funds budgeted or work planned in FY 19/20</i>	\$0

Fiscal Year 2019-2020 Work Plan

Appendix B						
Lead Agency & Funding Source	FY17-18 Milestone Status	FY 17-18 Actual	FY18-19 Milestone - Status (as of 12/31/2018)	FY 18-19 Projected Actual	FY19-20 Milestone - Planned	FY 19-20 Proposed Budget
Program Management, Project Development and Operation & Maintenance						
14. Program Activities:	<p>Program Management & Implementation: Program Implementation, Project Development, Operation & Maintenance (Annual & Emergency), Grant Acquisition and Support Services, A87 Cost Allocation, Administration, Finance Strategy, and Public Engagement and Outreach</p> <p>Flood Preparedness Program: Includes website updates and maintenance, Ross Valley Flood Preparedness Pilot, Home Elevation Grant-Property Owner Support and Elevation Program Survey</p> <p>Creek Program: Creek Conveyance & Habitat Maintenance (InCorps. Areas), Regulatory Agency and Permitting Support, Creek Assessments, Creek Maintenance Agreements with City/Towns and Rain/Stream Gage Program & Alert System</p>					
Lead: Flood Control District Funding: Zone 9 Revenue, Other taxes, FERP Grant	1) Continue all activities as outlined above - Complete	\$1,602,045	1) Continue all activities as outlined above - In-Progress	\$1,684,057	1) Continue all activities as outlined above	\$1,514,406
Total FY 17-18 Budget:		\$5,506,795	Total Proposed FY 18-19 Budget:		\$7,421,337	Total Proposed FY 19-20 Budget: \$9,049,578

**Ross Valley Flood Protection and Watershed Program
Fiscal Year 2019 – 2020 Budget**

**Appendix C
FY 19-20 Budget Synopsis**

The following information was compiled to highlight significant observations made within the Fiscal Year (FY) 2019 - 2020 Budget, drawing from staff knowledge and input provided by the Zone 9 Advisory Board Ad Hoc Budget Subcommittee.

Actual revenue and expense are reported for FY 17/18 in this Budget Report. Actual revenue and expenses for FY 18/19 will be reported in the FY 20/21 Budget Report.

Program Revenue and Expense/Budget Summary

1. Program Revenue

- a. Program revenue for FY 17/18 was \$1,972, 069 higher than projected in the FY 17/18 Budget due to receipt of grant reimbursements for the San Anselmo Flood Risk Management Project and the transfer of funds from a separate fund established for the Phoenix Lake Project that was closed. The total revenue for FY 17/18 was \$4,836,196.
- b. Program anticipates receiving approximately \$4,995,000 in reimbursements from various grants in FY 2018/19. The total expected revenue for FY 18/19 is \$7,738,330.
- c. The projected revenue for FY 19/20 is expected to be \$6,029,400 which includes \$3,200,000 in grant reimbursements, \$2,611,050 in Stormdrainage Fees (assuming 3% annual increase that is subject to District Board Hearing proceedings).

2. Program Expense/Budget

FY 2017 – 2018 Actuals

- a. Actual revenue and expenses are provided in this Budget Report. The notes below reflect observations from FY 17/18
- b. The Program expended approximately \$1.4 million dollars less in FY 2017/18 than projected in the Budget, due to the following major contributing factors;
 - i. The Corte Madera Creek Flood Risk Management Project – Phase 1 underspent budget in the Professional Services category due to project schedule delays experienced by the US Army Corps of Engineers.

- ii. The San Anselmo Flood Risk Management Project underspent in Capital Assets, Land & Easement Acquisition by approximately \$1.4 million as the option to purchase agreement was extended and not completed in FY 17/18.
- iii. Expenditures were lower than anticipated under the Flood Preparedness Program. Fiscal Year 2017/18 efforts focused on implementation of the new weather and creek gage network that serves as a foundation for Flood Preparedness in Ross Valley. Other potential flood preparedness activities with partner agencies are not yet implemented and thus expenditures were less than budgeted for FY 17/18.
- iv. Expenses for the various bridge projects in the Work Plan were lower than budgeted. Expenses are contingent on reimbursement requests received from the Towns of Fairfax, Ross and San Anselmo.
- v. The Lower Corte Madera Creek Improvement Study expenses were approximately \$75,000 lower than anticipated.

FY 2018 – 2019

- a. Actual expenses for FY 18/19 will not be available from the Marin County Department of Finance until December 2019 and thus are not stated in the FY 2019 – 2020 Proposed Budget. The actuals will be reported in the FY 20 - 21 Budget which are expected to be released in early Spring 2020.
- b. FY 18/19 Projected Actuals represent anticipated expenses that are likely through the end of the fiscal year. These are not actual expenditures and are likely to change. The projections assist in providing a more accurate funding balance due to expected changes in some project milestones and schedules. In some cases, large expenses that were planned for FY 18/19 were moved to FY 19/20.
- c. The Program anticipates spending approximately \$4.4 million dollars less in originally budgeted for FY 2018/19, due to the following major contributing factors;
 - i. The U.S. Army Corps of Engineers expect schedule delays in development of the Environmental Impact Statement/Environmental Impact Report for the Corte Madera Creek Flood Risk Management Project – Phase 1, Phase 2, approximately \$2.8 million was moved \$2,000,000 to FY 19/20.
 - ii. The Hillview Pump Station & Stormdrain Improvement project schedule may be delayed and thus \$900,000 was moved to FY 19/20.
 - iii. The Town of San Anselmo anticipates delays in the development for the Sycamore/Center Blvd Bridge Project so the Program will underspend by \$62,000.

- iv. The Program Environmental Impact Report schedule is delayed as Staff works with the AB to determine if adjusting the scope of the study is necessary to incorporate new information received from updated hydraulic modeling and to incorporate sea level rise planning

FY 2019 – 2020

- a. The total projected FY 19 - 20 budget is anticipated to be \$9,049,578 which represents a 18% increase in projected costs as compared to FY 18-19 Projected Actual expenses.
- b. Professional and Trade Services make up 41% (\$3,754,170) of the annual budget, most of which is directed at the costs associated with the design and permitting of projects that continue to make forward progress toward construction.
- c. County staff salary and overhead represent 16% (\$1,426,236) of the Program budget. This budget category includes staff across multiple County Departments and DPW Divisions that work to support the program and project development including Parks and Open Space, Community Development, Flood Control, Watershed Planning, Real Estate, Building Maintenance, Road Maintenance, Engineering, and Transportation. This category includes staff time for both projects and program, but it does not include the A87 Indirect Cost Allocation described in Exhibit A.
- d. Implementation & Other Expenses make up 26% of the budget. This category includes the cost share agreements with the Towns of Fairfax, Ross, San Anselmo, the City of Larkspur and the US Army Corps of Engineers for projects they lead and the Program supports through funding and District staff.
- e. The majority of funds in the budget, 83% (\$7.5 million) are planned for the development of the flood risk reduction projects outlined in the Work Plan. The remainder is for Program Implementation, Operations and Maintenance.
- f. Marin County A87 Indirect Cost Allocation: The County applies an indirect overhead charge to each special district in Marin County that utilized County facilities and services. The charge was first applied to Flood Zone 9 (Ross Valley) and will continue annually.

3. Program Cumulative Revenue & Expenses

- a. As of FY 17/18, the Program spent approximately \$22.5 million and collected fee revenue and other non-grant revenue in amount of approximately \$29.4 million from between July 1, 2007 through June 30, 2018. With the projected actual expenses for FY 18/19 and the proposed budget for 19/20, the Program anticipate total cumulative expenses of \$39 million and revenue of \$44.3.