

Marin County Flood Control and Water Conservation District
FLOOD ZONE 3 INVESTMENT STRATEGY AD-HOC
SUBCOMMITTEE

ADVISORY BOARD

PUBLIC MEETING

June 26, 2023, from 1:00 P.M. – 2:30 P.M.

Marin County Civic Center – Conference Room 404

3501 Civic Center Drive, San Rafael, CA 94903

The Marin County Flood Control & Water Conservation District Board of Supervisors encourages a respectful dialogue that supports freedom of speech and values diversity of opinion. Advisory Board members, staff and the public are expected to be polite and courteous, and refrain from questioning the character or motives of others. Please help create an atmosphere of respect.

AGENDA

Item	Description
1.	Discuss Flood Control Zone 3 Investment Strategy
2.	Schedule Next Meeting

Agendas and related material can be viewed at the office of the Marin County Department of Public Works (Marin County Civic Center, Room 304, located at 3501 Civic Center Drive, San Rafael) Monday through Friday, between the hours of 8:00 a.m. and 4:30 p.m. A copy of the agenda can be faxed or emailed upon request by calling (415) 473-6528. Agendas and related material are also available online at <http://www.marinflooddistrict.org>.



All public meetings and events sponsored or conducted by the County of Marin are held in accessible sites. Requests for accommodations may be made by calling (415) 473-6528 (Voice), CA Relay 711, or by email at floodinquiry@marincounty.org at least five workdays in advance of the event. The County will do its best to fulfill requests received with less than five business days' notice. Copies of documents are available in alternative formats upon request.

Questions about this meeting?

Contact Flood Inquiry at floodinquiry@marincounty.org

Want more information about the Watershed Program?

Visit marinflooddistrict.org

BOARD OF SUPERVISORS OF THE COUNTY OF MARIN

RESOLUTION NO. 4514

RESOLUTION ESTABLISHING FLOOD CONTROL
ZONE NO. 3 OF MARIN COUNTY

WHEREAS, Chapter 666 statutes of California, 1953 did create within the County of Marin a Flood Control District known as "The Marin County Flood Control and Water Conservation District"; and

WHEREAS, said statute provides that the Board of Supervisors of the County of Marin acting as ex-officio, the Board of Supervisors of the Marin County Flood Control and Water Conservation District may create Flood Control zone within said District; and

WHEREAS, this Board did on the 17th of April 1956 adopted its resolution of intention to establish Flood Control Zone No. 3; and

WHEREAS, the City Council of the City of Mill Valley by a majority vote of its members as heretofore concurred in the formation of such Flood Control Zone including the territory of the City of Mill Valley within its boundaries and such concurrence is evidenced by a resolution of said City Council on file with the Clerk of this Board; and

WHEREAS, this Board has heretofore held a public hearing on the question of the formation of such zone.

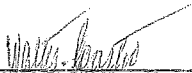
NOW, THEREFORE, IT IS HEREBY RESOLVED, ORDERED AND DECLARED;

1. That there be, and there is hereby created within the Marin County Flood Control and Water Conservation District a zone to be known as "Flood Control Zone No. 3, Marin County Flood Control and Water Conservation District", and that said zone shall be composed of that certain real property situated in the County of Marin, and more particularly described in Exhibit "A" which is attached hereto and hereby incorporated herein by reference.

2. That the Clerk of this Board be, and he is hereby directed to cause a copy of this resolution to go with a map showing the boundaries of said zone to be filed with the Assessor of the County of Marin and the State Board of Equalization.

PASSED AND ADOPTED at a regular meeting of the Board of Supervisors of the County of Marin held on the 24th day of July, 1956, by the following vote:

AYES: SUPERVISORS: VERA SCHULTZ, WM. FUSSELMAN, WM. GNOSS, JAMES
MARSHALL, WALTER CASTRO
NOES: SUPERVISORS: NONE
ABSENT: SUPERVISORS: NONE



CHAIRMAN OF THE BOARD OF
SUPERVISORS OF THE COUNTY
OF MARIN

ATTEST:



CLERK

DESCRIPTION OF THE BOUNDARY OF THE MARIN COUNTY FLOOD CONTROL ZONE NO. 3, INCLUDING THE INCORPORATED AREA OF THE CITY OF MILL VALLEY, AND THE UNINCORPORATED AREAS OF ALMO, HOMESTEAD VALLEY, TAMALPAIS VALLEY, MARIN CITY, ALMONTEE AND A PORTION OF STRAWBERRY POINT; said Flood Control District to consist of all of the land included within the following described boundary:

BEGINNING at a point on the westerly right of way of California State Highway, Route 101, said point being also the southeasterly corner of the land granted to Edith E. Coleman by Robert L. Coleman and recorded December 13, 1948 in Book 602 of Official Records, page 402 thereof, Marin County Records; thence northwesterly along the northeasterly boundary of said land of Coleman to the northeasterly corner thereof, which corner is a point on the corporate limits of the City of Corte Madera, as limits exist December, 1953; thence westerly along said corporate limits line to its intersection thereon with the corporate limits of the City of Larkspur, as limits exist December, 1953; thence westerly along the last mentioned corporate limits to the most southwesterly corner thereof; thence northerly along the same said corporate limits to a point of intersection thereon with the northerly boundary of the land granted to W. E. and R. M. Doud by J. H. and Thelma Scott and recorded May 13, 1947 in book 548 of Official Records, page 334 thereof, Marin County Records; thence northwesterly to the most southerly corner of that land deeded to W. M. and E. T. Kent by A. E. Kent and recorded January 27, 1916 in Book 177 of Deeds, page 26 thereof, Marin County Records, said corner being also an angle point on the northwesterly boundary of Rancho Sausalito as delineated and recorded in Vol. "A" of Patents, page 429 thereof, Marin County Records; thence leaving said boundary and running due west to the intersection of the westerly boundary of said Rancho; thence southwesterly along said Rancho boundary to the point of intersection thereon with the centerline of California State Highway, also known as Ridgewest Boulevard; thence southerly to the most northerly point on the centerline of a County Road known as Panoramic Highway of Mill Valley-Stinson Beach Road; thence southwesterly along the centerline of said County Road to the point of intersection thereon with the centerline of a County Road known as the Dias Road, said road being a continuation of said Panoramic Highway; thence along centerline of said Dias road in a southeasterly direction to the point of intersection thereon with the centerline of California State Highway No. 1, Route 56; thence due east to the easterly right of way of said California State Highway Route No. 56, said right of way also being the westerly boundary of Ranch E as delineated on the Tamalpais Land and Water Co. Map No. 3 filed December 12, 1892 in Map Book No. 1, page 104, Marin County Records; thence southerly along the last mentioned

boundary to the point of intersection thereon with the northwesterly boundary of Ranch C of the aforementioned Tamalpais Land and Water Company Map No. 3; thence southeasterly to the most westerly corner of that portion of Ranch B granted by Tamalpais Land and Water Co. to Manuel F. DaCunha as recorded in Book of Deeds No. 82, page 250 thereof, Marin County Records, dated July 10, 1903; thence easterly to the southwesterly corner of that portion of Ranch A granted by Tamalpais Land and Water Co. also to the last mentioned party, as recorded in Book of Deeds No. 97, page 31 thereof, Marin County Records, dated November 1, 1905; thence easterly along the southerly boundary of said portion of Ranch A to the point of intersection thereon with the southerly boundary of that tract of land known as "Tamalpais Terrace Addition to Sausalito, California" as delineated and recorded April 20, 1911 in Map Book No. 3, page 69, Marin County Records; thence easterly and northerly along the boundary of last mentioned Tamalpais Terrace Addition to the most northerly corner thereof; thence northerly to the point of intersection of the centerline of "Alta Avenue" with the centerline of "Marin Avenue" as delineated on a map entitled "Official Map of Lands of the Sausalito Land & Ferry Co.," and recorded on Map Rack No. 1, Map No. 9 thereof, Marin County Records; thence northeasterly along the centerline of said "Marin Avenue" to the point of intersection thereon with the westerly right of way of California State Highway Route No. 1 as delineated on map entitled "State of California, Department of Public Works, Division of Highways, - Right of Way Record Map" being Sheet No. 3, Section D, Sausalito Route 1, County of Marin, District IV of said map, dated August, 1953; thence due east to the easterly right of way of said Highway No. 101 and thence northerly thereon to a point on the centerline of Sacramento Ave. as delineated on last mentioned map thence northeasterly along the center line of said Sacramento Ave. to the most easterly angle point thereon as delineated on a map entitled "Section Map F of the Lands of the Sausalito Lands of the Sausalito Land and Ferry Co.-Resubdivision of Waldo Point" and recorded on Map Rack No. 2, Map No. 2 thereof, Marin County Records; thence northeasterly to the point of intersection of the centerline of Waldo St. with the northeasterly right of way of the Northwestern Pacific Railroad as delineated on the last mentioned map; thence northeasterly along the centerline of said Waldo St. to the point of intersection thereon with the centerline of "Railroad Ave." as delineated also on the last mentioned Map; thence northeasterly to the most easterly corner of that tract of land designated as Lot 320 on a map entitled "Map No. 7 of Salt Marsh and Tide Lands Situate in the County of Marin, State of California" and recorded in Map Vol. No. 1, page 32 thereof, Marin County Records; thence northwesterly to the southwesterly corner of that tract of land designated as Lot 618 of "Strawberry Manor, Sub.

6" as delineated and recorded November 1, 1951 in Map Vol. 7, page 50 thereof, Marin County Records; thence northwesterly along the westerly boundary of said Lot 618 and along the northerly extension thereof to a point on the centerline of Richardson Drive as delineated on the last mentioned map; thence easterly along the centerline of said Richardson Drive to the point of intersection thereon with the centerline of "Reed Boulevard" as delineated on a map entitled "Strawberry Manor, Subdivision Four" and recorded in Map Vol. 7, page 10 thereof, Marin County Records; thence northerly along the centerline of said "Reed Boulevard" to the point of intersection thereon with the centerline of "Reed Circle" as delineated on the last mentioned map; thence along the centerline of said "Reed Circle" to the point of intersection thereon with the centerline of said "Reed Boulevard"; thence along the centerline of said "Reed Boulevard" to the point of intersection thereon with the southerly extension of the easterly boundary of Lot 227 of "Strawberry Heights, Subdivision Three" as recorded in Map Vol. No. 6, page 58 thereof, Marin County Records; thence northerly along said extension and along said easterly boundary to the northeasterly corner of said Lot 227; thence westerly along the northerly boundary of said Lot 227 to the point of intersection thereon with the westerly boundary of Lot 122 of "Strawberry Heights, Subdivision One, Section 2" as recorded in Map Vol. 6, page 30 thereof, Marin County Records; thence northerly along the said westerly boundary of said Lot 122 to the northwesterly corner thereof and the southerly right of way of Richardson Drive as shown on last mentioned map; thence northwesterly to a point on the northerly right of way of said Richardson Drive, said point being the southwesterly corner of Lot 77 of "Strawberry Manor, Subdivision One, Section 1" as recorded in Map Vol. 6, page 21 thereof, Marin County Records; thence northerly along the westerly boundary of said Lot 77 to the northwesterly corner thereof; thence easterly to the southwesterly corner of Lot 52 of the last mentioned Subdivision; thence northerly along the westerly boundary of said Lot 52 to the northwesterly corner thereof, and southerly right of way of Belvedere Drive, as shown on last mentioned map; thence northerly to the southwesterly corner of that tract of land known as "Bayview Terrace, Subdivision One" as recorded November 25, 1945 in Map Vol. 5, page 98 thereof, Marin County Records; thence northerly along the westerly boundary of said "Bayview Terrace, Sub. One" to the northwesterly corner thereof and the southerly right of way of California State Highway Route 52; thence northeasterly to a point on the northerly right of way of California State Highway, Route 52, which point is also the southwesterly corner of that land granted to John C. and Ruth C. Gohershook by Carol L. and Helen S. Wendover and recorded February 27, 1948 in Book 574 of Official Records, page 300 thereof, Marin County Records; thence northerly

along the westerly boundary of said land of Gobershook to the northerly corner thereof; thence northeasterly to the southeasterly corner of that land quitclaimed to Louise Schaezlein Boyd by H. F. Boyd and recorded January 16, 1952 in Book 725 of Official Records, page 547 thereof, Marin County Records; thence westerly and northerly along the boundary of said land of L. S. Boyd to a point thereon which is due east from the aforementioned point of beginning; thence due west to said point of beginning.

BOARD OF SUPERVISORS OF THE MARIN COUNTY
FLOOD CONTROL AND WATER CONSERVATION DISTRICT

RESOLUTION NO. 71-148

RESOLUTION ESTABLISHING POLICY WITH REGARD TO
DRAINAGE SYSTEMS IN FLOOD CONTROL ZONE #3

WHEREAS, Section 68-8 of the Marin County Flood Control and Water Conservation District Act is the authority for establishing policy with regard to drainage systems within the District; and

WHEREAS, the District must direct its efforts and resources in the most efficient manner possible;

NOW, THEREFORE, BE IT RESOLVED, THAT:


1. The District intends to consider the drainage systems named in Exhibit "A" and as shown on Exhibit "B" which Exhibits are attached hereto, and by this reference incorporated herein, as being the major drainage systems within Flood Control Zone No. 3; and

2. The District shall direct its primary efforts and resources toward the efficient control of these systems.

PASSED AND ADOPTED at the regular meeting of the Board of Supervisors of the Marin County Flood Control and Water Conservation District held on the 22nd day of June, 1971, by the following vote:

AYES: SUPERVISORS Arnold M. Baptiste, John F. McInnis, Peter R. Arrigoni,
Michael Wornum, Louis H. Baar
NOES: SUPERVISORS -
ABSENT: SUPERVISORS -

Attachment: Exhibit "A"
Exhibit "B"


Chairman, Board of Supervisors
of the Marin County Flood Control
and Water Conservation District

ATTEST:

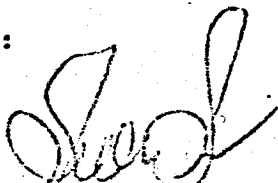

Clerk

EXHIBIT "A"

The major drainage systems and their limits for which the Marin County Flood Control and Water Conservation District shall direct its primary efforts and resources pursuant to this resolution are as follows:

<u>Name of Drainage System</u>	<u>Limits of Drainage System</u>
Sausalito Canal	Richardson Bay to Mill Valley Harbor
Rosedale Canal	Confluence with Sausalito Canal to Donahue Street
Coyote Creek	Confluence with Sausalito Canal to the origin of the North and South branches
Tennessee Creek	Confluence with Coyote Creek to its origin
Marin Avenue Creek	Confluence with Tennessee Creek to its origin
Oakwood Creek	Confluence with Tennessee Creek to its origin
Arroyo Corte Madera Del Presidio	Confluence with Mill Valley Harbor to the origin of the East Peak and Nob Hill Forks
High School Creek	Confluence with Arroyo Corte Madera Del Presidio to Miller Avenue
Reed Creek	Confluence with Arroyo Corte Madera Del Presidio to its origin
Warner Creek	Confluence with Arroyo Corte Madera Del Presidio to its origin
Old Mill Creek	Confluence with Arroyo Corte Madera Del Presidio to its origin
Cascade Creek	Confluence with Old Mill Creek to its origin
Ryan Creek	Confluence with Mill Valley Harbor to the Westerly end of Alto Avenue
Sutton Manor Branch	Confluence with Mill Valley Harbor to its origin

Name of
Drainage System

Limits of
Drainage System

East Blithedale Culvert

Confluence with Sutton Manor
Branch to the Easterly Right-
of-Way of Tower Drive

East Fork Sutton Manor

Confluence with Sutton Manor
Branch to Lomita Drive

Reservoirs (General)

All Reservoirs and their out-
let channels

Miscellaneous Systems

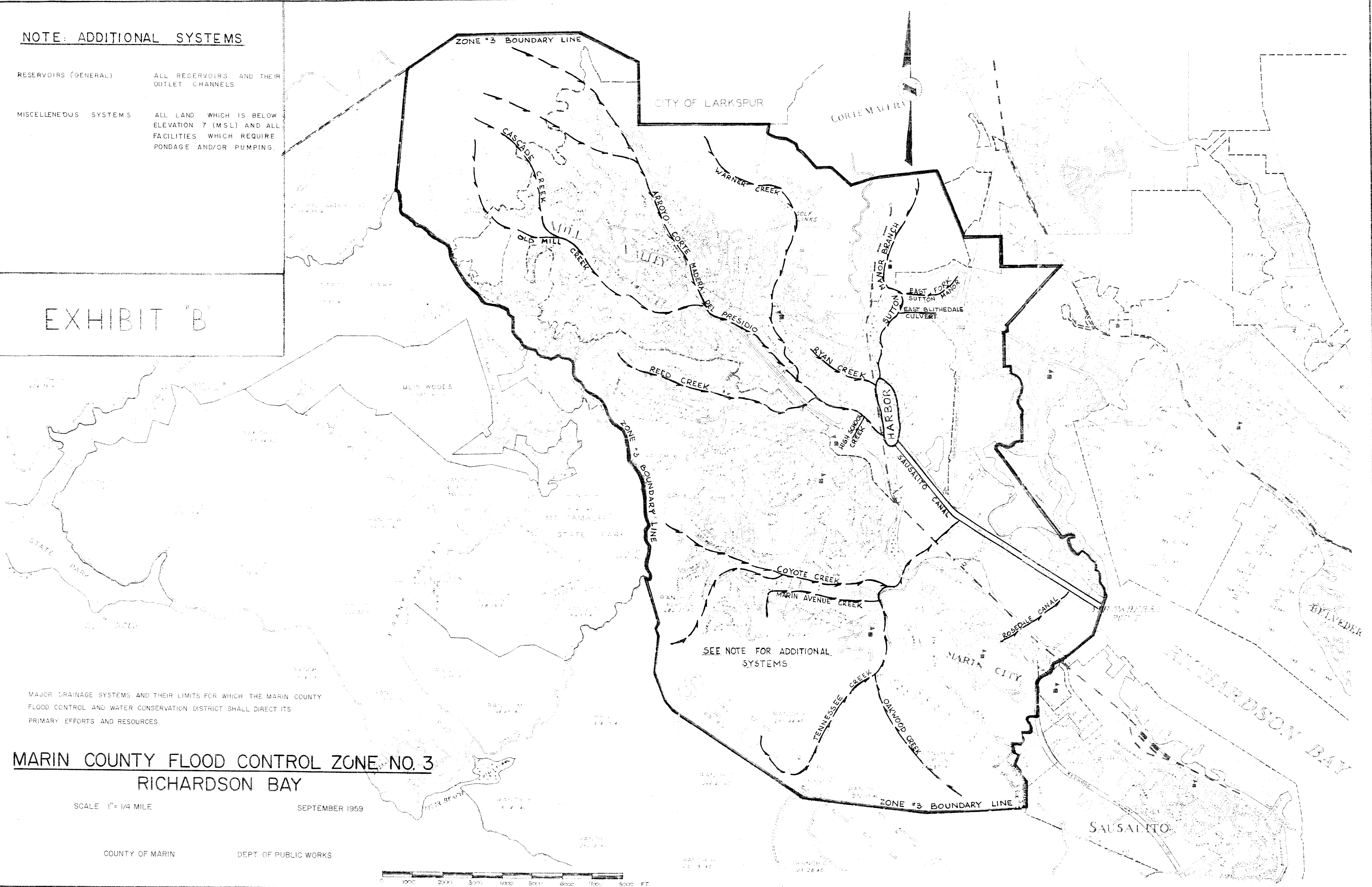
All land which is below ele-
vation 7 (MSL) and all facili-
ties which require pondage
and/or pumping

NOTE: ADDITIONAL SYSTEMS

RESERVOIRS (GENERAL) ALL RESERVOIRS AND THEIR OUTLET CHANNELS

MISCELLANEOUS SYSTEMS ALL LAND WHICH IS BELOW ELEVATION 7 (MSL) AND ALL FACILITIES WHICH REQUIRE PONDAGE AND/OR PUMPING.

EXHIBIT "B"



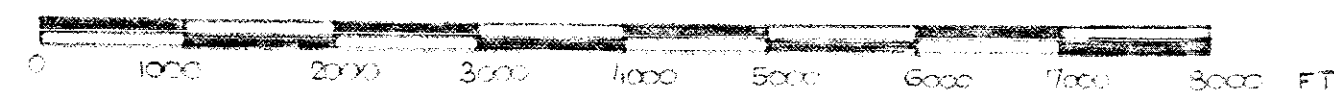
MARIN COUNTY FLOOD CONTROL ZONE NO. 3
RICHARDSON BAY

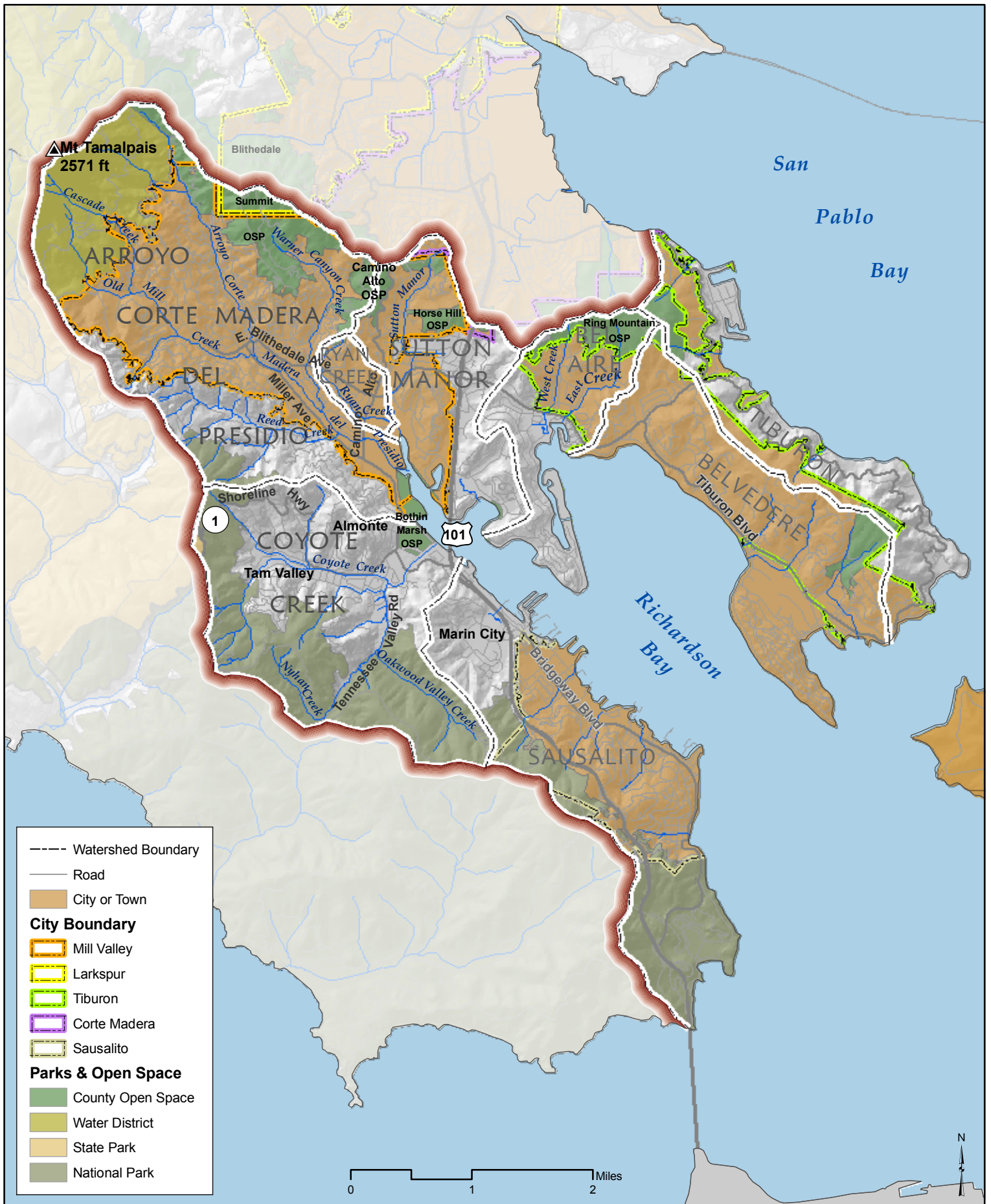
SCALE 1" = 1/4 MILE

SEPTEMBER 1959

COUNTY OF MARIN

DEPT. OF PUBLIC WORKS



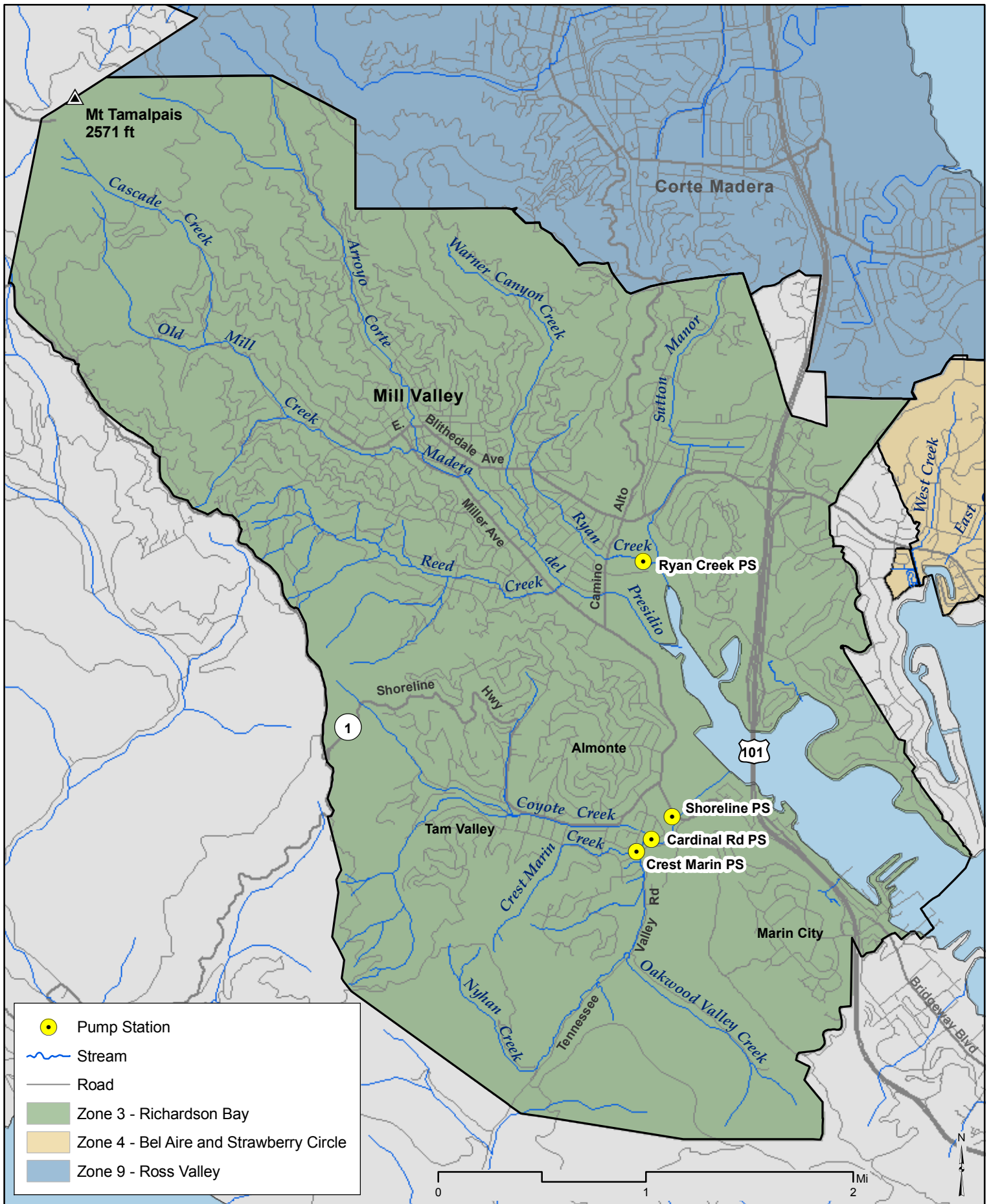


Richardson Bay Watershed

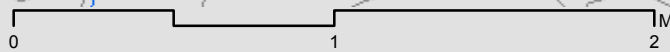
Map for general purposes only; not for site-specific planning purposes.

County of Marin
 Department of Public Works
www.marinwatersheds.org





	Pump Station
	Stream
	Road
	Zone 3 - Richardson Bay
	Zone 4 - Bel Aire and Strawberry Circle
	Zone 9 - Ross Valley



Flood Control Zone 3 - Richardson Bay



20-year Forecast	Approved Projects			Existing Z3 infrastructure needs not yet approved			New Infrastructure or Non Z3 not yet approved		Total by Area
Sub-watershed	Total	Pursuing Grants	Zone 3	Total	Pursuing Grants	Zone 3	Programs ID'd Needing Funding**	Sea Level Rise*	
Marin City	\$ 12,885,000	\$ 9,000,000	\$ 3,885,000	\$ -	\$ -	\$ -	\$ 25,000,000	\$ 11,965,200	\$ 49,850,200.00
Tamalpais Valley	\$ -	\$ -	\$ -	\$ 32,460,000	\$ 2,500,000	\$ 29,960,000	\$ -	\$ 12,801,500	\$ 45,261,500.00
Mill Valley	\$ -	\$ -	\$ -	\$ 2,750,000	\$ -	\$ 2,750,000	\$ 4,510,000	\$ 29,872,500	\$ 37,132,500.00
Homestead Valley	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,500,000	\$ -	\$ 4,500,000.00
Almonte/Manzanita	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,965,200	\$ 11,965,200.00
Alto Sutton Manor	\$ 180,000	\$ -	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 180,000.00
Strawberry Point	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,850,000	\$ 2,850,000.00
Total	\$ 13,065,000	Zone Total:	\$ 4,065,000	\$ 35,210,000	Zone Total:	\$ 32,710,000	\$ 34,010,000	\$ 69,454,400	\$ 151,739,400.00
				FY-22			Fund Balance:		\$15,295,920.00
							Annual Revenue:		\$2,400,000
							Operating Budget:		\$1,800,000
							Annual Reserve :		\$600,000
				Shortfall for existing infrastructure and projects:			\$ 5,414,080.00		
							Shortfall with unfunded programs:		\$ 39,424,080.00
							With SLR:		\$ 108,878,480.00

*See Richardson's Bay Shoreline Study for 36" sea level rise
**various planning studies: Reed Creek 1976 Master Plan, Marin City Drainage Bypass Alternatives (<https://marinflooddistrict.org/documents/marin-city-drainage-bypass-alternatives-february-2022/>), request for funding from Mill Valley (<https://marinflooddistrict.org/documents/mill-valley-request-for-zone-3-funding-september-2021/>)

This 20-year Zone 3 expense forecast is a draft work in progress developed for general discussion only. Estimated costs are approximate, conceptual, and preliminary. Updated versions are expected.

Date: June 16, 2023

County of Marin/Food Zone 3 Funding - Past 15 Years (7/1/2008 to 5/17/2023)

Funding Received by City of Mill Valley from County/Flood Zone 3 for Maintenance and Flood Projects				City of Mill Valley Tax Payer Revenue (1.7%) to Flood Zone 3	
01/01/09	Marin DPW Maintenance	862		FY 2008-2009	755,595
04/20/09	Marin DPW Conservation/DPW	5,203		FY 2009-2010	780,442
04/20/09	Marin DPW Conservation/DPW	12,012		FY 2010-2011	762,965
06/01/09	Marin DPW Creek Maintenance (8/9)	17,762		FY 2011-2012	767,433
04/29/10	MCC Invoice #1268 Creek Maintenance	18,290		FY 2012-2013	790,426
06/30/10	MCC Invoice #1328 Creek Maintenance	16,649		FY 2013-2014	859,705
05/31/11	MCC Invoice #1475 Creek Maintenance	10,892		FY 2014-2015	890,171
05/31/11	MCC Invoice #1419 Creek Maintenance	16,507		FY 2015-2016	949,154
06/30/11	Marin DPW Maintenance	7,600		FY 2016-2017	1,034,564
12/31/11	MCC Invoice #1547 Creek Maintenance	18,535		FY 2017-2018	1,083,196
06/30/12	Creek Work Reimbursement Invoice #1626	2,526		FY 2018-2019	1,159,114
06/30/12	Creek Work Reimbursement Invoice #1625	13,929		FY 2019-2020	1,205,489
06/30/14	Creek Work Reimbursement Invoice #1901	34,888		FY 2020-2021	1,286,138
06/30/15	Marin DPW Conservation/DPW	21,999		FY 2021-2022	1,414,076
06/30/16	Marin DPW Conservation/DPW Invoice #2349	30,578		FY 2022-2023	1,378,754
02/28/17	Marin DPW Creek Maintenance	13,763		TOTAL:	15,117,222
06/30/17	Marin DPW Maintenance Invoice #2562	36,255			
05/31/18	Marin DPW Maintenance Invoice #2780	7,229			
06/30/18	Marin DPW Creek Maintenance	56,227			
04/09/19	Sediment Removal Conservation Corps	64,115			
01/13/21	Marin DPW Maintenance Invoice #3226	58,426			
03/17/23	Marin DPW Creek Maintenance	90,000			
Multiple Dates	Miller Avenue Project	600,000			
Multiple Dates	Flood Control Master Plan	460,000			
	TOTAL:	1,608,181			

Estimated

Records provided by Mill Valley on May 17, 2023