

Tamalpais Community Services District

305 Bell Lane, Mill Valley, CA 94941 • 415 388-6393 • Fax: 415 388-4168
info@tcsd.us • www.tcsd.us

AGENDA

TAMALPAIS COMMUNITY SERVICES DISTRICT WORK SESSION MEETING OF THE TCSD BOARD OF DIRECTORS

Wednesday, May 25, 2011

8:45 am

TCSD MAIN OFFICE
305 Bell Lane, Mill Valley

1. **ROLL CALL:** President Steffen Bartschat, Directors: Jim Jacobs, Linda Johnson, Gretchen Stagg and Jeff Brown

2. **APPROVE AGENDA**

3. **PUBLIC EXPRESSION**

Members of the public are invited to address the Board concerning topics, which are not listed on the Agenda (If an item is agendaized, interested persons may address the Board during the Board's consideration of that item). Speakers should understand that except in very limited situations, State law precludes the Board from taking action on or engaging in extended deliberations concerning items of business which are not on the Agenda. Consequently, if further consideration is required, the Board may refer the matter to its staff or direct that the subject be added to an agenda for a future meeting. The Board reserves the right to limit the time devoted to this portion of the Agenda and to limit the duration of speakers' presentations.

4. **GENERAL BUSINESS**

- A. DISCUSS AND REVIEW MATERIALS RELATING TO SLIDE REPAIR ON COUNTYVIEW DRIVE AND AUTHORIZE SOLICITATION OF BIDS – Jon Elam and Michael Morisoli from Miller-Pacific Engineering
- B. DISCUSSION OF 2011-2012 REFUSE RATE INCREASE – Jon Elam

5. **ADDITIONAL BOARD DISCUSSION AND COMMENTS**

6. **ADJOURNMENT**

Special Needs: In compliance with the Americans with Disabilities Act (28 C.F.R. 35.102-35.104, ADA Title II) If you need special assistance to participate in this meeting, please contact the TCSD at (415)-388-6393, x10. Notification 48 hours prior to meeting enables TCSD to make reasonable arrangements to ensure accessibility. In compliance with Senate Bill 343 the law requires writings subject to the Public Records Act to be available for public inspection at the time the writing is distributed to the member of the legislative body
In compliance with Senate Bill 343 materials or writings subject to the Public Records Act is available for public inspection at 305 Bell Lane, Mill Valley, California between the hours of 8:00 a.m. through 4:30 p.m. Monday through Friday.

Date: May 25, 2011

ITEM # 4A

STAFF REPORT

To: Board of Directors

From: Jon Elam, General Manager

Subject: Discussion and Review Materials Relating to Slide Repair on Countyview Drive and Authorize Solicitation of Bids

Attached is a report prepared by our consultant regarding this project. The presentation will be by Mike Morisoli from Miller-Pacific Engineering and Pippen Cavalero from Nute Engineering.

Recommended Action: Motion to Authorize Staff to Solicit Quotations for Slide Repairs for Board Consideration.

379 COUNTY VIEW DRIVE RETAINING WALL
MILL VALLEY, CALIFORNIA

BIDDERS PROPOSAL AND AGREEMENT

The undersigned Bidder, a duly licensed contractor, hereby proposes to the Owner to perform the work described by the General Requirements, Specifications, and Drawings as indicated on the Bid Schedule.

BID SCHEDULE

<u>Item</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total</u>
1.0	Mobilization and demobilization, bonds, insurance, permits and ancillary work not otherwise included	LS	--	\$ <u>7,000</u>
2.0	Construct soldier-pile and timber lagging retaining wall Includes pier drilling, steel and concrete placement, and backfill.	120 SF	<u>\$180 /sf</u>	\$ <u>21,600</u>
3.0	Slope trimming and offhaul	60 CY	<u>\$150 /cy</u>	\$ <u>9,000</u>
4.0	Hydroseeding and Erosion Control Mats	LS	--	\$ <u>5,000</u>
Engineer's Estimate				\$ <u>42,600</u>

Owner reserves the right to vary contract quantities.

TAMALPAIS COMMUNITY SERVICES DISTRICT SLOPE STABILIZATION 379 COUNTY VIEW DRIVE

Checked	By

5/14/21	5/14/21	5/14/21	5/14/21

Miller Pacific
ENGINEERING GROUP
12225 RAYBURN AVENUE
DUBLIN, CA 94568
TEL: 415 / 382-3444
WWW.MILLERPA.CC.COM

5/14/21	5/14/21	5/14/21	5/14/21

7 CA REGISTRATION NO. 1010, ALL RIGHTS RESERVED
Project No. 90509
379 County View Drive
Mill Valley, California
Date: 05/04/2011

TITLE SHEET AND EXISTING CONDITIONS

SHEET
1 of 3

GENERAL NOTES:

1. The Contractor shall notify the Engineer a minimum of 48 hours prior to commencing any aspect of the work.
2. The Engineer shall observe drilling for the soldier piles to confirm subsurface conditions are consistent with the design criteria and to modify pile depths (if required). The Contractor is responsible for layout of the soldier piles and lagging wall. Locations to be confirmed by the Engineer prior to commencing drilling.
3. Contractor shall notify U.S.A. and owner to locate utilities.
4. All excavated debris material, not used as fill, shall be hauled from the site and legally disposed of by the Contractor.
5. All materials and workmanship shall be in accordance with the latest edition of the ACI Code and State of California, Department of Transportation (Caltrans) Standard Plans and Specifications.
6. The Contractor shall be responsible for obtaining all necessary permits and approvals from the local jurisdiction and the State of California.
7. The Contractor is solely responsible for site safety, including providing temporary shoring if necessary to stabilize cuts in excess of 5 feet in height.

SOLDIER PILE AND TIMBER LAGGING WALL NOTES:

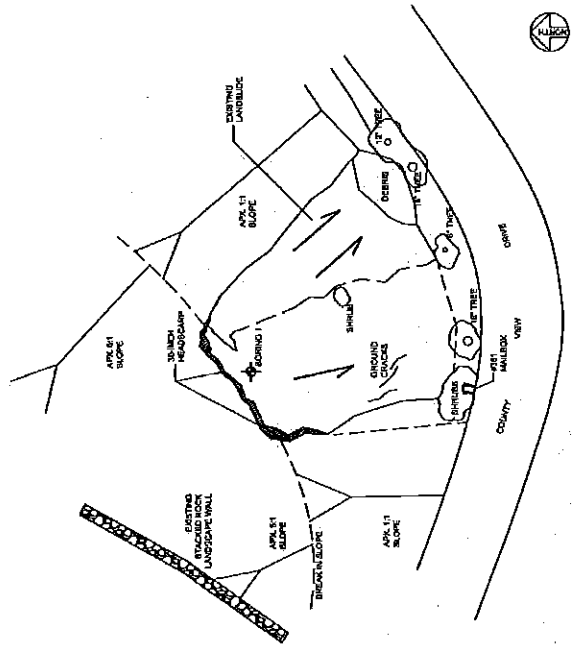
1. Steel beams shall be ASTM A36 W-sections.
2. Concrete to = 2500 psi (minimum)
3. Steel beams shall be aligned and secured in place and braced per the Engineer before concrete is placed. Steel beams shall be braced against lateral movement (both horizontal and vertical) from adjacent beams will not be accepted.
4. Timber lagging shall be 3K12 ACQ No. 1 or better pressure-treated Douglas fir.

GRADING NOTES:

1. Landside debris to be excavated per the direction of the Engineer.
2. Slopes to be firm to blend with adjacent slopes.
3. All disturbed slopes shall be hydroseeded with a seed mix appropriate for the slopes. The Tamalpais Community Services District Slope Stabilization Specification shall be hydroseeded prior to placement of erosion-control mats.
4. Graded and hydroseeded slopes shall be covered with erosion-control mats, North American Green S150 or approved equivalent, property sourced per the manufacturer's recommendations.
5. Estimated trimming and removal of earth is 80 cubic yards (includes shilled pile caps).

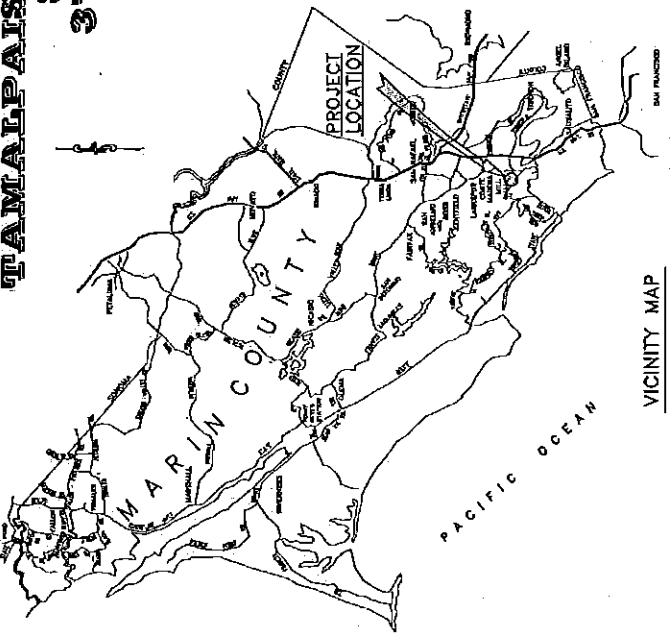
NOTE: THE CONTRACTOR SHALL POSSESS CLASS "A" LICENSE.

CALL USA (UNDERGROUND SERVICE ALERT) AT LEAST 48HRS IN ADVANCE OF WORK - 1-(800)-642-2444.



EXISTING CONDITIONS

NOTE: Access to the project area is permissible between xxx and xxx Oriental Lane. Access routes shall be marked to pre-construction conditions at no additional cost.



VICINITY MAP
NOT TO SCALE



SITE LOCATION
NOT TO SCALE
MILL VALLEY, CALIFORNIA

Tamalpais Community Services District



DESIGN ENGINEER APPROVAL

PROJECT MANAGER DATE

APPROVED FOR CONSTRUCTION

Revision	By	Check	Date

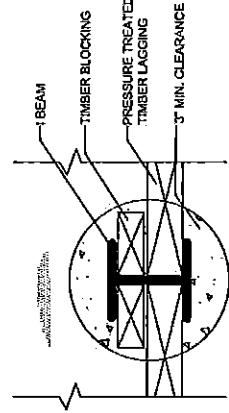
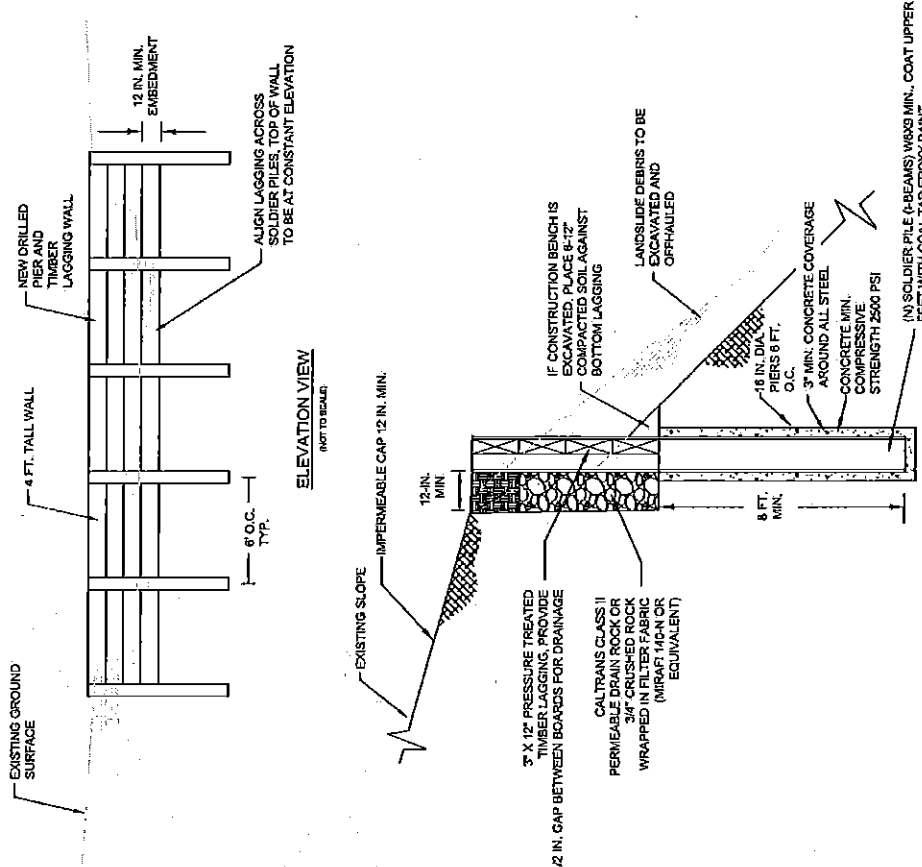
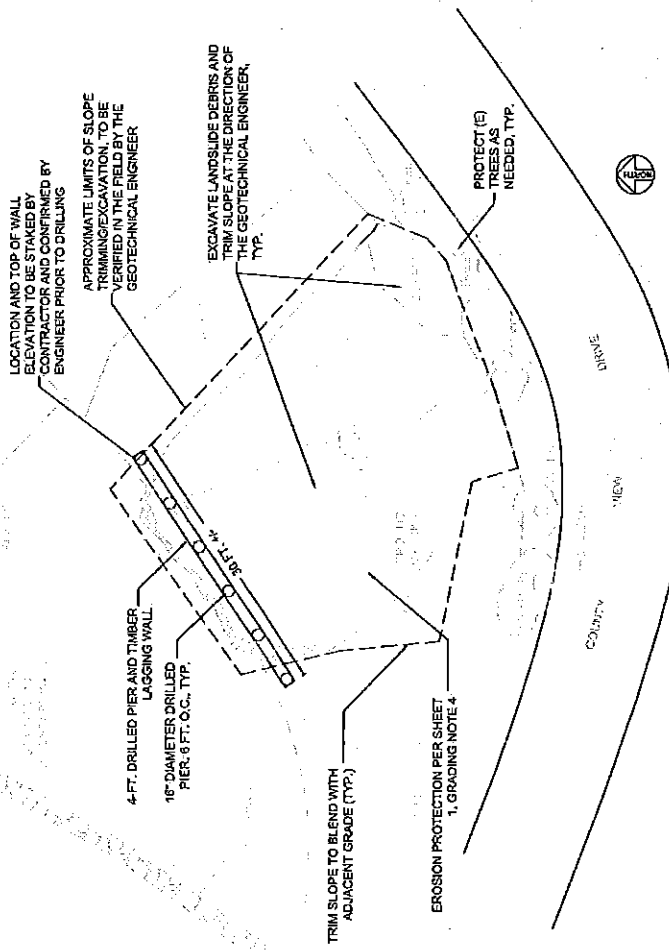
504 Redwood Blvd.
 Suite 210
 Norwalk, CA 94417
 T 415 / 382-3444
 F 415 / 382-3450
 www.millerpac.com

Miller Pacific
 ENGINEERING GROUP
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Project No. 905.08
 379 County View Drive
 Mill Valley, California
 Date: 05/04/2011

REPAIR PLAN AND WALL DETAILS

SHEET
2 of 3



TYPICAL DRILLED PIER AND TIMBER LAGGING WALL
 DETAILS
 (NOT TO SCALE)

Revisions	
Checked	By

SYMBOL (C)	DEPTH (ft)	DRY UNIT WEIGHT (pcf)	MOISTURE CONTENT (%)	BLOWS PER FOOT	UNDRAINED SHEAR STRENGTH (psi)	OTHER TEST DATA
	0 - 0	86	15.1	3		
	0 - 1	113	15.5	9	950 UC	
	0 - 5	109	17.2	23	400 UC	
	0 - 10		8.8	35		
	0 - 15		13.4	85		
	0 - 20		8.3	82		

BORING LOG
379 County View Drive
Slope Stabilization
Mill Valley, California
Project No. 99308 Date: 05/20/2011

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www.millerpac.com
F 415 / 343-1450
T 415 / 343-3444
Kovach, CA 94047

A-2 FIGURE

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Kovach, CA 94047

A-1 FIGURE

FRACTURING AND BEDDING

Fracture Classification	Spacing	Bedding Classification
Crushed	less than 3/4 inch	Laminated
Intensely fractured	3/4 to 2-1/2 inches	Very finely bedded
Highly fractured	2-1/2 to 6 inches	Thinly bedded
Moderately fractured	6 to 12 inches	Medium bedded
Widely fractured	12 to 6 feet	Thickly bedded
Very widely fractured	greater than 6 feet	Very thickly bedded

HARDNESS
Caved or gouged with a spike
Crumbles under light hammer blows
Difficult to scratch, little scratch traces cut trace
Rock scratches metal

STRENGTH
Crumbles by rubbing with fingers
Crumbles under light hammer blows
Resists crushing under heavy hammer blows, yields large fragments
Withstands many heavy hammer blows, yields small fragments

WEATHERING
Minerals decomposed to soil, but fabric and structure preserved
Rock decomposed, thorough disintegration, all features are extensively coated with clay, oxides or carbonates
Fracture surfaces coated with weathering minerals, moderate to localized discoloration
A few angular fragments, slight discoloration, no mineral decomposition
Rock unaltered by weathering, no change with depth, rings under hammer impact

NOTE: Test holes are for soil only. For higher quality classification, information on the location and size of expansion. Subsurface soil, soil and water conditions may differ in other locations and with the passage of time.

KEY TO BORING AND TEST PIT SYMBOLS

CLASSIFICATION TERMS
 FI FLUVIOTYPIC INDEX
 LA LIQUID LIMIT
 DA DUCTILITY INDEX
 HY HYDROMETER ANALYSIS
 PH PRESENT HAZARDOUS MATERIALS
 SAMPLE TYPE
 M MISTED CALIFORNIA
 S STANDARD PENETRATION TEST
 TH THIN-WALLED PENETRATION

TESTING AND TEST PIT SYMBOLS
 TV FIELD TORVAIC UNDRAINED STRENGTH
 UC LABORATORY UNDRAINED COMPRESSION
 TCU CONSOLIDATED UNDRAINED TENSILE
 THU UNCONSOLIDATED UNDRAINED TENSILE
 UC (U) - 10 UNSATURATED
 Modified Compaction and Standard Penetration Test samples on blow counts for the field 14-inch drive and the laboratory 20-inch blow for the field 14-inch drive are presented on the logs. Samples of blow counts are also shown during a blow count. Examples of blow counts are shown during a blow count. Examples of blow counts are shown during a blow count.

SOIL CLASSIFICATION CHART
379 County View Drive
Slope Stabilization
Mill Valley, California
Project No. 99308 Date: 05/20/2011

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A-1 FIGURE

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A-2 FIGURE

MAJOR DIVISIONS

SYMBOL	DESCRIPTION
GW	Well-sorted gravels or gravel-sand mixtures, little or no fines
GP	Many gravels or gravel-sand mixtures, little or no fines
GC	Silty gravels, gravel-sand mixtures
GM	Many gravels, gravel-sand mixtures
GC	Many gravels, gravel-sand mixtures
SV	Well-sorted sands or gravelly sands, little or no fines
SM	Many gravels, gravel-sand mixtures
SP	Silty sands, sand-silt mixtures
SC	Many sands, sand-silt mixtures
ML	Many gravels, gravel-sand mixtures
CL	Inorganic clays of low to medium plasticity, primary clays, sandy clays, silty clays, lean clays
OL	Organic silts and clays of low to medium plasticity
MR	Inorganic silts, medium to discontinuous fine sands or silts, silty silts
OH	Highly plastic clays of high plasticity, fill clays
CH	Organic clays of medium to high plasticity
PT	peat, muck, and other highly organic soils

BORING LOG
379 County View Drive
Slope Stabilization
Mill Valley, California
Project No. 99308 Date: 05/20/2011

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Kovach, CA 94047

A-3 FIGURE

Jon Elam

To: Michael P. Morisoli
Subject: RE: draft plans for 379 County View Drive Slide

From: Michael P. Morisoli [<mailto:MMorisoli@millerpac.com>]
Sent: Tuesday, May 17, 2011 2:16 PM
To: Jon Elam; Mark T. Wilson
Subject: draft plans for 379 County View Drive Slide

Hi Jon and Mark-

Attached are draft plans and a bid sheet/engineer's estimate – when you have a few minutes, could you review and give me a call with questions or comments ?

A couple specific items to discuss;

1. If we can get permission to drive a piece of equipment through the upslope properties (Ideally between the 2nd and 3rd homes on Deertrail Lane), that should reduce construction costs. I would think a relatively small excavator would be used to drill the pier holes and trim the slide debris, so that would be driven in and then back out at completion of the work. And a few trips through upslope property with a small bobcat loader to place gravel behind the wall. The contractor could drag steel beams and wood lagging up from County View, and concrete could be pumped from below. Is this something that either of you could pursue with the homeowners? Depending on what is allowed, I can revise the note in the middle of Sheet 1
2. For permits, if we're less than 50 yards of earthwork, we shouldn't need a grading permit. By the time we dig the piers and trim the slope, I'm estimating 60 yards...we could "estimate" less and confirm quantities (and resulting cost for this work) during construction?

If we're selectively bidding, I'd suggest sending plans to the following (along with others you would like to work with).

- RWR Construction, Attn Stan Kenyon
- 200 Gary Place
- San Rafael, CA 94901

- Milsap Degnan and Associates, Attn: Doug Degnan
- 4280 Redwood Hwy., Suite 9
- San Rafael, CA 94903

- Sunshine Construction, Attn Jack Barcesski
- 4136 Redwood Hwy., Ste. 13
- San Rafael, CA 94903

- Massa Construction, Attn Ken Massa
- P.O. Box 150097
- San Rafael, CA 94915

Thanks, again, please call with questions and I'll finalize plans when I've discussed with you.

Mike Morisoli
MILLER PACIFIC ENGINEERING GROUP
504 REDWOOD BLVD., SUITE 220
NOVATO, CALIFORNIA 94947
P - 415.382.3444
F - 415.382.3450

Date: May 25, 2011

ITEM # 4B

STAFF REPORT

To: Board of Directors

From: Jon Elam, General Manager

Subject: Discussion of 2011-2012 Refuse Rate Increase

Previously, the Board asked Staff to complete research on the steps required to undertake a cost of living increase (3.13%) for refuse rates for Fiscal Year 2011-2012. Staff will review this proposal and ask the Board's support to send out the required notice to all residents before June 1, 2011. Actual materials will be handed out at the meeting.

Recommended Action: Discuss and provide Direction to Staff to Authorize the Mailing of Notices to TCSD Residents Regarding a Cost of Living Increase in Refuse Rates for the 2011-2012 Fiscal Year.



Tamalpais Community Services District

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NOTICE TO CERTAIN DISTRICT PROPERTY OWNERS OF PROPOSAL TO INCREASE SANITATION AND REFUSE RATES AND OF PUBLIC HEARING ON THE PROPOSED FEE INCREASE

Property Reference:
Property Owner:
Address:
City, State:

The Tamalpais Community Services District Board of Directors will hold a public hearing at the Tamalpais Community Center on December 9, 2009 at 7:00 p.m. to consider a proposed increase in our Sanitation and Refuse rates it charges and to receive comments and protests against the proposals.

Date: December 9, 2009
Time: 7:00p.m.
Location: Tamalpais Community Center, 203 Marin Avenue, Mill Valley

At the hearing, all interested persons will be able to address the District Board concerning the proposals. Protests, comments and other written materials may be submitted at or before the meeting to the District's General Manager, Jon Elam, at the address shown above and may be mailed to the District at 305 Bell Lane, Mill Valley, CA 94941-4037.

The following additional information regarding the nature of the proposed rate increase is provided in accordance with Proposition 218 (Section 6 of Article XIII D of the California Constitution).

Proposed Sanitation (Sewer) Rate Increase

1. *Background.* Pursuant to District Resolution No. 2009-04, the District imposes sanitation rates (sewer) on customers. At the present time, the annual sanitation rate is \$710.00 per sewer connection. The proposed increase effective on July 1, 2010 will be \$303.00 per sewer connection.
2. *Proposed Increases.*
 - a. *The Proposed Increase in Current Rates.* The proposal would increase the annual sanitation rate to \$1,013.00 per residential or commercial unit, which constitutes a 42% increase.
 - b. *Proposed Future Automatic Annual Inflationary Increases.* Effective July 1 of each year until July 1, 2014, the proposed sanitation rates would be increased by an amount equal to the percentage increase, if any, in the Consumer Price Index [All Urban Consumers (CPI-U), U.S. San Francisco-Oakland-San Jose Average, All Items (1982-84=100)] between April of the then-current year and April of the then-previous year. In no event shall the increase in any particular year exceed six percent. Pursuant to Government Code Section 53756, the District will provide notice to its customers 30 days prior to the increase becoming effective.
3. *Basis for Calculation of Fee.* The proposed District sanitation rates are fixed so as to yield sufficient revenue to pay the operating expenses of the District, to provide for repairs and depreciation of sanitation

works owned and operated by the District, and to pay the interest and principal on District debt. The District's 2009-2010 Budget is attached, which sets out all the District's estimated costs. The rate for each residential unit* is based on the equivalent number of sewer connections per dwelling unit; rates for commercial customers are based on the customer's metered water usage and the strength of the wastewater. In other words, the District's rates are calculated by dividing the total estimated annual costs (\$2.6M) by the total number of equivalent dwelling units (2,615), the result of which is \$1,013 per equivalent dwelling unit.

4. *Reason for Fee.* The purpose of these fees is to generate sufficient revenues to pay for the administration, operation and maintenance of the District's sanitation collection system, to provide for repairs and depreciation of the sanitation collection system, to pay for the costs of sanitation treatment, to provide for unforeseen emergencies, and to pay for other lawful obligations and expenses of the District associated with the sanitation system.

*** Proposed Refuse (Garbage) Rate Increase**

1. *Background.* Pursuant to District Ordinance No. 87, the District imposes refuse rates on customers for refuse collection services. Refuse rates include garbage, recycling, and green waste services. At the present time, the annual refuse rates per residential unit are as follows:

One 32-gallon can of garbage	\$362
One 65-gallon can of garbage	\$558
Three 32-gallon cans of garbage	\$744
Each additional 32-gallon can of garbage	\$186

The annual refuse rates for commercial establishments are as follows:

One 32-gallon can of garbage	\$362
Two 32-gallon cans of garbage	\$558
Each additional 32-gallon can of garbage	\$186
Each 1.44 cubic yard bin	\$2,420

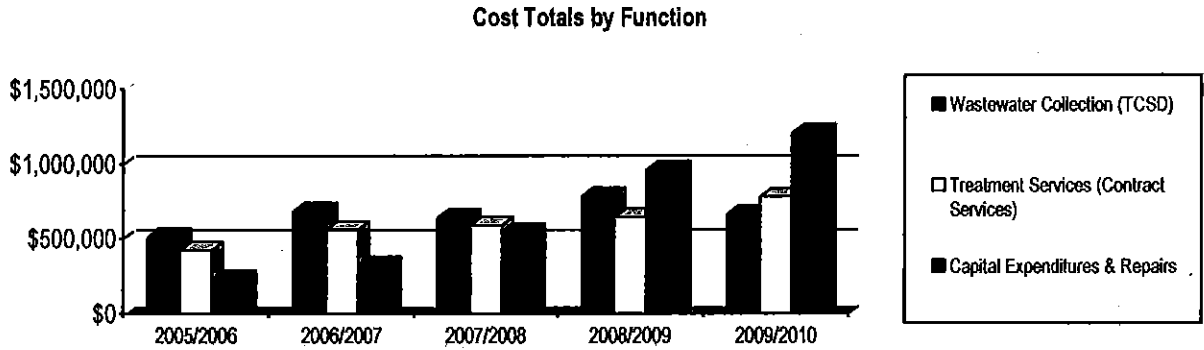
*Unit = a separate housing unit. A duplex is two separate units as are apartments.

Rates for commercial and multi-family customers desiring pickups more than once per week are increased by a factor of 1.8 for twice per week; 2.3 for three times per week; 2.8 for four times per week; and 3.3 for five times per week. The proposed rate increase would implement an automatic annual inflationary adjustment to be implemented each July 1 of each year through 2014.

2. *Proposed Future Automatic Annual Inflationary Increases.* Effective July 1 of each year until July 1, 2014, the proposed refuse rates would be increased by an amount equal to the percentage increase, if any, in the Consumer Price Index [All Urban Consumers (CPI-U), U.S. City Average, All Items (1982-84=100)] between April of the then-current year and April of the then-previous year. In no event shall the increase in any particular year exceed six percent. Pursuant to Government Code Section 53756, the District will provide notice to its customers 30 days prior to the increase becoming effective.
3. *Basis for Calculation of Fee.* The proposed District refuse rates are fixed so as to yield sufficient revenue to pay the operating expenses of the District's refuse collection operation, to provide for repairs and depreciation of vehicles owned and operated by the District, to pay for the costs of disposal, and to pay the interest and principal on District debt associated with the refuse collection operation. The District's 2009-2010 Budget is attached, which sets out all the District's estimated costs associated with the refuse operation. The proposed rates spread the District's costs to customers based on the costs of collection and

the amount of refuse generated. Some costs, in particular disposal costs, are directly dependent upon the amount of waste generated.

4. *Reason for Fee.* The purpose of these fees is to generate sufficient revenues to pay for the administration, operation, and maintenance of the District's refuse collection operation, to provide for repairs and depreciation of the refuse collection operation, to pay for the costs of refuse collection and disposal, to provide for unforeseen emergencies, and to pay for other lawful obligations and expenses of the District associated with the refuse collection system.



Date: October 23, 2009

TAMALPAIS COMMUNITY SERVICES DISTRICT

By: _____
President of the Board of Directors