

NOVATO SANITARY DISTRICT

May 10, 2010

The Board of Directors of Novato Sanitary District will hold a Closed Session at 5:00 p.m., Monday, May 10, 2010, at the District offices, 500 Davidson Street, Novato. (Open session begins after the closed session at approximately 6:30 p.m. See agenda below).

CLOSED SESSION CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION – ONE CASE:

Existing litigation pursuant to Subsection (c) of Government Code Section 54956.9 (Case Number 1001855: Complaint for Refund of \$181,927.54 Plus Interest under Commercial Code §11204)

AGENDA

- 1. PLEDGE OF ALLEGIANCE:**
- 2. AGENDA APPROVAL:**
- 3. REPORT FROM CLOSED SESSION:**
- 4. PUBLIC COMMENT (Please observe a three-minute time limit):**

This item is to allow anyone present to comment on any subject not on the agenda, or to request consideration to place an item on a future agenda. Individuals will be limited to a three-minute presentation. No action will be taken by the Board at this time as a result of any public comments made.

- 5. BOARD MEMBER REPORTS:**
- 6. REVIEW OF MINUTES:**
 - a. Consider approval of minutes of the March 1st and April 26th, 2010 meetings.
- 7. SEWER SERVICE CHARGES:**
 - a. Receive Service Charge Report.
 - b. Consider setting the maximum rate increase, setting Public Hearing date for July 12, 2010, and authorize mailed notice pursuant to Proposition 218.
- 8. CONSENT CALENDAR:**
 - a. Accept quarterly investment report for period ending March 31, 2010.

- b. Approval of regular disbursements and ratification of April payroll disbursements.

9. COLLECTION SYSTEM IMPROVEMENT PROJECT 72706:

- a. Consider making CEQA findings, approving plans and specifications, and authorizing advertising for bids for the Ignacio Blvd Sewer Rehabilitation Project.

10. WASTEWATER TREATMENT PLANT UPGRADE PROJECT 72609

- a. Consider approval of a proposal from RMC Water Environment to prepare pre-design and design documents for the re-use or demolition of the existing Novato Treatment Plant units.

11. PERSONNEL

- a. Consider re-establishing the position of Operations Leadworker.

12. ADMINISTRATION

- a. Consider adopting a policy on "Fixed Asset Capitalization"

13. WASTEWATER OPERATIONS

- a. Report from the Wastewater Operations Committee

14. STAFF REPORTS:

- a. North Bay Watershed Association meeting.
- b. California Association of Sanitation Agencies meeting.

15. MANAGER'S REPORT:

16. ADJOURNMENT:

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the District at (415) 892-1694 at least 24 hours prior to the meeting. Notification prior to the meeting will enable the District to make reasonable accommodation to help ensure accessibility to this meeting.

Next Resolution No. 3025

March 1, 2010

An adjourned regular meeting of the Board of Directors of the Novato Sanitary District was held at 6:30 p.m., Monday, March 1, 2010, at the District Office, 500 Davidson Street, Novato.

BOARD MEMBERS PRESENT: President Michael Di Giorgio, Members James D. Fritz, William C. Long, George C. Quesada and Dennis Welsh.

STAFF PRESENT: Manager-Engineer-Secretary Beverly B. James, Administrative Secretary Julie Borda and District Counsel Kent Alm.

STAFF ABSENT: Deputy Manager-Engineer Sandeep Karkal.

ALSO PRESENT: Thomas Pierce, Novato resident
Deanna Pierce, Novato resident
Dean L. Heffelfinger, Novato resident
Jo Heffelfinger, Novato resident
Brant Miller, Novato resident
Chuck & Patty Bennett, Novato resident
J. Dietrich Stroeh, Novato resident
Phil Tucker, CA Healthy Communities Network
Suzanne Dunwell, Novato resident
Patsy White, Novato resident
Suzanne Crow, Novato resident
Brent Ainsworth, Marin Independent Journal
Aldo Gigliotti, Novato resident
A.G. Peters, Novato resident

President Di Giorgio opened the adjourned meeting from the February 22nd regular board meeting. He noted the Board would continue discussing item 9a. from that meeting.

PUBLIC COMMENT: None.

CONTINUATION OF DISCUSSION OF ITEM 9A. FROM THE REGULAR BOARD OF DIRECTORS MEETING OF FEBRUARY 22, 2010: REFERENDUM ON CONTRACT SERVICE AGREEMENT.

Consider approval of a Resolution requesting the Board of Supervisors of the County of Marin to conduct said election; authorizing the District Manager-Engineer to carry out all the necessary procedures for said election; and submitting to the voters a referendum measure to repeal a contract service agreement.

Member Quesada and Member Long discussed the ballot language and the use of the words “to cancel” in reference to the contract with Veolia Water.

District Counsel Kent Alm clarified his firm’s position on the ballot language that should be used and gave a brief overview of the elections code law. He stated that the operative words necessary in the ballot language are: “shall the” and “be adopted”. He discussed the language noting that there is a maximum of 75 words allowed and that the language must be impartial.

Member Quesada and District Counsel Kent Alm discussed why the ballot language needs to use the words “be adopted”.

President Di Giorgio stated that the Board has prepared three ballot language options and noted these were available to the public at this meeting for review and discussion. He stated it was his desire to receive public input on this issue and bring final ballot language for adoption to the Board meeting on March 8th.

Member Welsh discussed using the word “cancelled” as part of the ballot language, stating the appropriate word would be “repealed”. He stated that the language in all three options is under dispute and is prejudicial.

President Di Giorgio, Member Welsh and Member Long discussed the proposed \$7.2 million savings and whether this statement was a factual estimate based on the Eisenhardt Report. Member Welsh stated that in his opinion the \$7.2 million dollar savings is not achievable.

Member Fritz stated he believes that in regards to the ballot language, simpler is better. He stated the language should read, “Shall the contract entitled ‘Novato Sanitary District Contract Service Agreement for Operation, Maintenance, and Management of Wastewater Treatment Facilities’ be adopted”. He stated that any other information the District wished to provide should be stated in the commentary portion of the ballot.

Member Quesada outlined the process that the District engaged in prior to acceptance of the Veolia Contract. The Manager discussed the proposals received and the verification process the District engaged in prior to making a decision to award the contract to Veolia Water.

District Counsel Kent Alm and the Manager discussed the appropriate ballot wording.

President Di Giorgio opened this item for public comment.

Norm Stone, Novato resident, questioned if the District had obligated themselves to pay for a telephone survey being conducted by G.R.A. out of Sacramento.

President Di Giorgio responded, "No".

Aldo Ghilotti, Novato resident, questioned whether the District is obligated to pay for the election costs.

President Di Giorgio responded that the District is obligated for the costs and the Manager stated that the election costs would be approximately \$76,000.

Tom Pierce, Novato resident, discussed the proposed ballot language.

Suzanne Crow, Novato resident, stated she agreed with Member Fritz's ballot language recommendation.

Deanna Pierce asked if the Board knew the name of the company responsible for a telephone survey being conducted and who was paying for this survey. She stated the ballot language should be simple.

Member Welsh stated a survey company which called him recently was called Mountain West Research and was located in Idaho.

Jay Strauss, Novato resident, thanked District Counsel Kent Alm for his clear explanation of the election rules and urged the Board to proceed with ballot language under the direction of Mr. Alm.

Dietrich Stroeh, Novato resident, commented that the ballot language should be kept simple.

Seeing no one else who wished to address the Board, President Di Giorgio closed public comment.

Member Long suggested the Ad-hoc Committee on Referendum Language convene to finalize the proposed ballot language taking into consideration District Counsel's direction.

On motion of Member Fritz, seconded by Member Long and carried with the following vote, the Board agreed to reconsider the recommended action at hand: Consider approval of a Resolution requesting the Board of Supervisors of the County of Marin to conduct said election; authorizing the District Manager-Engineer to carry out all the necessary procedures for said election; and submitting to the voters a referendum measure to repeal a contract service

agreement, at their regular Board Meeting on March 8, 2010. Ayes: Di Giorgio, Fritz, Long. Noes: Quesada, Welsh.

ADJOURNMENT: There being no further business to come before the Board, President Di Giorgio adjourned the adjourned meeting at 7:20 p.m.

Respectfully submitted,

Beverly B. James
Secretary

Julie Borda, Recording

DRAFT

April 26, 2010

A regular meeting of the Board of Directors of the Novato Sanitary District was held at 6:30 p.m., Monday, April 26, 2010, preceded by a closed session beginning at 5:00 p.m. at the District offices, 500 Davidson Street, Novato.

At 5:03 p.m. President Di Giorgio announced the Board would meet in closed session to discuss the following matter on the Closed Session Agenda:

CLOSED SESSION CONFERENCE WITH LEGAL COUNSEL – EXPOSURE TO LITIGATION – ONE POTENTIAL CASE.

Significant exposure to litigation, EPA Clean Water Act Investigation, pursuant to Subsection (b) of Government Code Section 54956.9

BOARD MEMBERS PRESENT FOR CLOSED SESSION: President Michael Di Giorgio, Members James D. Fritz, William C. Long, George C. Quesada and Dennis Welsh.

STAFF PRESENT: District Counsel Kent Alm was asked to join the meeting at 5:17 p.m.

ALSO PRESENT: Davina Pujari, Attorney with Barg, Coffin, Lewis and Trapp.

The closed Session ended at 6:20 p.m.

Open session began at 6:30 p.m.

BOARD MEMBERS PRESENT: President Michael Di Giorgio, Members James D. Fritz, William C. Long, George C. Quesada and Dennis Welsh.

STAFF PRESENT: Manager-Engineer-Secretary Beverly James, Administrative Secretary Julie Borda, and District Counsel Kent Alm.

ALSO PRESENT: John P. O'Hare, Technical Manager, Veolia Water
John Bailey, Project Manager, Veolia Water
Aaron Winer, District Manager, No. CA., Veolia Water
Tom Pierce, Novato resident
Brant Miller, Novato resident
Phil Tucker, CA Healthy Communities Network
Suzanne Crow, Novato resident

PLEDGE OF ALLEGIANCE:

AGENDA APPROVAL:

On motion of Member Quesada, seconded by Member Fritz, and carried unanimously, the agenda was approved as mailed.

REPORT FROM CLOSED SESSION:

District Counsel Kent Alm stated there was no reportable action and stated instruction was given to counsel.

PUBLIC COMMENT: None.

BOARD MEMBER REPORTS:

Member Long commented on his participation in the public tour of the Novato treatment facility on Saturday, April 24th. He complimented Manager-Engineer Beverly James for her PowerPoint presentation prior to the plant tour. He also commended John Bailey, Project Manager with Veolia Water, for his awareness of safety issues and his diligence in keeping the public safe.

President Di Giorgio commented on his participation in the Chamber of Commerce Business Showcase event on Wednesday, April 21st at the Stonetree Golf Club. He also commented on his participation at a Fireman's Fund Earth Day event on Friday, April 23rd. He noted that public participation was very high and he was pleased with the events. He stated that the District's website (www.novatosan.com) has a link for a virtual tour of the District's upgraded facility.

REVIEW OF MINUTES:

Consider approval of minutes of the February 22nd and April 12th, 2010 Board meetings.

On motion of Member Quesada, seconded by Member Long and carried with the following vote, the February 22nd and April 12th Board meeting minutes were approved. Ayes: Di Giorgio, Quesada, Welsh. Abstention due to absence from the meetings: Fritz and Long.

CONSENT CALENDAR:

On motion of Member Long, seconded by Member Fritz, and carried unanimously, the following consent calendar items were approved:

- a. Adopt Resolution No. 3023, *A Resolution Approving Relief on pH Limits, and Setting Revised pH limits and Time Limitations For Dye Guy, 46 Digital Drive, #3, Novato.*
- b. Approval of Board meeting schedule as follows: May 10th and 24th, June 14th and 28th, July 12th and 26th.
- c. Approval of regular disbursements in the amount of \$465,649.27, project related disbursements in the amount of \$130,942.08, board member disbursements in the amount of \$6,029.97 and ratification of March payroll expenses in the amount of \$187,111.66.

WASTEWATER OPERATIONS:

Consider approval of an amendment to Agreement for Emergency Consulting Services with Veolia Water.

The Manager stated that at the March 22nd Board meeting the Board unanimously voted to direct staff to negotiate a proposal from Veolia Water West Operating Services for a scoping study for ISO 14001 Environmental Management System development and to provide a proposal for preparation of thirty-eight Standard Operation Procedure Manuals (SOP's). She noted that staff had requested and received proposals from HDR and Veolia Water West Operation Services for preparation of the SOP's. HDR's proposal was \$56,200 plus expenses and Veolia's proposal was \$32,300.

The Manager stated that staff had also requested a proposal from Veolia Water West Operating Services to prepare an Environmental Management System Scoping Study or "Gap Analysis". She reported that the estimated cost for this report is \$8,000 plus expenses and that a report of their findings will be delivered to the Board of Directors.

She requested the Board approve an amendment to the Emergency Services Contract with Veolia Water West Operating Services, Inc. in the amount of \$50,000 for preparation of thirty-eight Standard Operation Procedure Manuals (SOP's) and to prepare an Environmental Management System Scoping Study or "Gap Analysis".

The Manager discussed the requested SOP's with the Board.

President Di Giorgio opened the item for public comment.

A member of the public commented that from his past experiences, SOP's are generally prepared in-house and stated he does not feel outsourcing the SOP's makes good sense. He stated that a Gap Analysis should be produced in-house as well.

A member of the public commented that she feels a contract amendment of this amount should be released for more bid proposals. She stated that an ISO 14001 is not usually required for a District of this size. She feels the ISO 14001 and preparation of the SOP's should be completed in-house.

Phil Tucker, CA Healthy Communities Network, stated that the preparation of the SOP's and the Gap Analysis by Veolia Water through an amendment to the Emergency Services Contract could be a violation of the law considering the current referendum restrictions against the Veolia contract. He recommended this amendment be withheld until after the referendum vote.

The Manager responded that due to the construction underway at the District, she does not feel District staff has available time to prepare the SOP's. She stated that the District is required by law to have an O&M manual and SOP's specific to District equipment.

District Counsel Kent Alm, stated that he does not feel the amendment to the Emergency Services Agreement with Veolia Water is in violation of the referendum rules. He stated it was his opinion that work that is required to be completed to facilitate the District's operations is allowed to be accomplished.

President Di Giorgio stated that due to the new processes in place and the new equipment being brought on-line, the District must have the manuals soon.

Norm Stone, noted that the SOP preparation does not appear to be an emergency because the Board has known for a long period of time that SOP's would be needed.

President Di Giorgio stated the District did have a plan in place to prepare the SOP's and they were included in the original contract with Veolia Water. However this contract was suspended due to the referendum and the District must seek other options for the SOP's preparation.

Brant Miller, stated he was in favor of the District seeking an outside source to prepare the SOP's.

Norm Stone requested an opportunity to rebut Mr. Miller's comments. His request was denied.

President Di Giorgio closed public comment.

Member Welsh stated he felt the ISO 14001 is unnecessary and he is opposed to it. He also stated that he is opposed to any further commitments to Veolia Water until after June 8th and the referendum vote.

On motion of Member Fritz, seconded by Member Quesada and carried with the following vote, the Board approved an amendment to the Emergency Operations Contract with Veolia Water West Operating Services, Inc. in the not to exceed amount of \$50,000 for preparation of thirty-eight Standard Operation Procedure manuals and for the preparation of an Environmental Management System Scoping Study report. Ayes: Di Giorgio, Fritz, Long and Quesada. Noes: Welsh.

COLLECTION SYSTEM IMPROVEMENTS PROJECT 72706:

Consider approval of a proposal for design services for Meyers Subdivision Easement Sewer Rehabilitation. The Manager outlined the services requested from Nute Engineering for the above project. She noted that part of the original Meyers Subdivision Easement project was to replace the sewers within the streets and easements of the area.

She stated that the easement portion of the project was not completed with the original construction and has requested the Board approve a proposal for design engineering services for the easement portion. She reported that Nute Engineering has provided a proposal in the amount of \$53,000 and recommended the Board approve the proposal.

Member Quesada discussed with the Manager the easement area in relationship to the residents' fences.

Member Welsh noted this project was originally brought before the Board several years back. He stated he felt \$53,000 was a high cost for engineering services for a project that would potentially cost a total of \$100,000. The Manager stated that the proposed \$53,000 includes the easement acquisition and construction management for the project.

Member Welsh stated he would withhold his vote from this item until further information could be provided to him. He stated he felt \$53,000 was excessive.

On motion of Member Long, seconded by Member Fritz and carried with the following vote, the Board approved a proposal for design engineering services from Nute Engineering in the amount of \$53,000 for the Meyers Subdivision Easement Sewer Replacement Project, No. 72706. Ayes: Di Giorgio, Fritz, Long and Quesada. Noes: Welsh.

Consider adopting Resolution No. 3024, A Resolution Approving Plans and Specifications, Making Determinations on Environmental Impact, Establishing Prevailing Wage Scale, Calling For Proposals, and Providing for Notice Thereof for the Collection System Improvements Project: 72706, Phase C – Olive/Chase/Orange Sewer Project.

The Manager stated that the purpose of this project is to replace various sizes and lengths of aged vitrified clay pipe, replace a failing section of Techite fiberglass sewer pipe and eliminate one freeway crossing between Orange Avenue and West Orange Avenue. The Manager stated that once the repairs are completed, the District will collect flow-monitoring data to compare with data prior to the repairs to determine the full benefit of the project.

On motion of Member Long, seconded by Member Fritz and carried unanimously, the Board approved Resolution No. 3024.

STAFF REPORTS:

NPDES Permit Renewal. The Manager stated that the District's NPDES permit renewal will be on the agenda of the San Francisco Regional Water Quality Control Board's meeting on May 12th and will be placed on the uncontested calendar. The Manager reported that Linda Candelaria, Monica Oakley and herself met with the Regional Board on Wednesday, April 22nd, to review the District's permit prior to the Regional Board's final decision. The Manager discussed the discharge requirements as required by the Regional Board.

District Counsel Kent Alm gave an overview of the Regional Board's permit renewal process and discussed how the District could proceed in this process.

Independent Auditor's Financial Audit Reports for 2008-09: The Manager briefly discussed the Single Audit report, noting that this report was necessary to remain in compliance with the District's State Revolving Fund Loan. She clarified the auditors findings regarding the unreported depreciation and stated the District's asset management program will be reviewed.

Earth Week events. The Manager stated the District participated in the Novato Chamber of Commerce Business Showcase at the Stonetree Golf Course on Wednesday, April 21st. She noted this was an opportunity for the District to engage in outreach to small businesses in Novato. She noted there was an event at the Fireman's Fund on Thursday, April 22nd. She stated that attendance at both events was quite good. The Manager commended Dee Johnson, Household Hazardous Waste Facility Coordinator, for her efforts at both events. In addition, she noted Dee Johnson was also coordinating and working at the very successful E-Waste event which began on Friday, April 23rd and continued through Monday, April 26th.

The Manager noted that Sandeep Karkal and Steve Krautheim attended the California Water Environment Association (CWEA) conference and the District was recognized for its participation with other Marin agencies in joint public education. The Marin County joint agencies were awarded the winner of the Public Education Program of the Year for Medium Sized Agencies.

MANAGER'S REPORT:

A Waste Water Operations Committee meeting will be held on Thursday, April 29th at 2PM.

ADJOURNMENT: There being no further business to come before the Board, President Di Giorgio adjourned the Board meeting at 7:30 p.m.

Respectfully submitted,

Beverly B. James
Secretary

Julie Borda, Recording



BARTLE WELLS ASSOCIATES
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TO: Board of Directors
Novato Sanitary District

FROM: Tom Gaffney

DATE: May 6, 2010

SUBJ: Service Charge Report

The District has requested Bartle Wells Associates to review revenue and expense projections for the next fiscal year and to recommend the level of service charges to adequately fund operation and maintenance, replacements, capital and borrowing costs. Our review includes the latest information on SRF loan disbursements, capital costs, replacement costs, and two alternatives for operating expenses. Tables showing our findings are included at the end of this memo report.

Table 1 - Operation and maintenance expenses – FY's 2009/10 and 2010/11. This table shows NSD's revised budget for the current fiscal year and projected operation and maintenance expenses for 2010/11. Two alternatives for operation of the treatment facilities are shown for next year. Projected operating expenses were developed by District staff and consulting engineers. In addition, estimated expenses were reviewed by two independent firms experienced with treatment plant operations.

Contract operations provide that the facilities would be operated under contract with staffing by a private firm specializing in this service. Direct operations provide for District employees to operate the facilities. The table shows that contract operations are estimated to cost about \$1.17 million less than operations by District employees. Estimated expenses for other categories such as reclamation/disposal, laboratory/monitoring, and administration and engineering are projected to be identical with either alternative. Details of the treatment plant operating cost estimates are included as an appendix to this memo.

Table 2 – Projected operation and maintenance service charge. Table 2 shows the required service charge for FY 2010/11 based on the estimated O&M expenses shown on Table 1. The table shows that direct operations will require about \$40 more annually per equivalent dwelling unit (EDU) than contract operations.

Table 3 – Revolving Credit Line. The District borrowed the full \$30 million available from the credit line with Zion's Bank to treatment plant construction cash flow. Interest is fixed at a favorable rate of 4.34%. The credit line is available until April 2011, but may be retired at any time. Funds to retire the line are available in the District's account with the Local Agency Investment Fund. Table 3 shows loan repayment in full within the next several months.

Table 4 – State Revolving Fund Loans. Over \$81 million of treatment plant project costs have been funded by low-interest SRF loans. These loans are an optimal financing method. Repayment of the loans generally begins one year after completion of construction. This, along with the low interest rate, is a distinct advantage of this type of financing. During construction the District doesn't pay interest on funds received, but rather, interest accrues and adds to the amount of loan. State staff estimates that about \$6.064 million of interest has accrued through the end of the construction period.

Table 5 – SRF Loan Payments. An initial payment of the accrued interest is scheduled in FY 2011/12. Thereafter, annual payments of \$5.42 million will amortize the loan through FY 2029/30, with a final payment of \$4.42 million in FY 2030/31.

Table 6 – Capital expenditures. This table shows a projection of the District's capital improvement and major replacement expenses. During the next five years about \$43 million of projects are shown. This list includes about \$10 million of projects that would be funded by other agencies, namely water recycling and modifications to the Hamilton outfall sewer. Most of the other capital costs would be funded by the District on a pay-as-you-go basis. A certificate of participation issue of about \$5 million may be required late next year depending on the level of capital projects proceeding.

Table 7 - Projected capital service charge. Including all capital costs, replacement costs, and debt estimates developed in previous tables, Table 7 shows the impact on the capital service charge for 2010/11. An annual capital service charge of \$191/EDU will be sufficient to fund capital requirements during 2010/11. Preliminary projections indicate that capital requirements will necessitate service charge increases in future years. The table includes property taxes as a capital revenue source. Any future grabs of property taxes by the state will also impact capital service charges.

Table 8 - Current and projected service charges. The sum of required capital and operating service charges is shown in Table 8 for the two treatment plant operating alternatives. With contract operations for the treatment plant, no increase in the annual service charge is required for FY 2010/11. Direct operation of the treatment plant will require an annual service charge increase of \$40 per EDU.

Table 1
Novato Sanitary District
O&M Budget FY's 2009/10 and 2010/11

	Revised Budget 2009/10	Projected	
		Contract Operations 2010/11	Direct Operations 2010/11
Expense			
Treatment plant	\$3,106,000		\$4,127,000
Treatment facilities contract	\$430,000		
Service fee		1,965,000	
Insurance & bond		53,000	
Major equipment repair		74,000	
Contract management		100,000	
Water, permits, telephone		148,000	
Electricity, Fuel, Gas		<u>618,000</u>	
Subtotal	\$3,536,000	\$2,958,000	\$4,127,000
Reclamation/disposal	457,000	471,000	471,000
Laboratory/monitoring	563,000	580,000	580,000
Pump stations	555,000	572,000	572,000
Collection system	845,000	870,000	870,000
AB 939 Solid waste	331,000	341,000	341,000
GASB 45 funding	296,000	296,000	296,000
Administration & engineering	<u>3,897,000</u>	<u>2,559,000</u>	<u>2,559,000</u>
Total operations	\$10,480,000	\$8,647,000	\$9,816,000

See Tables A-1 through A-4 in the Appendix for the details of the cost projections.

Table 2
Novato Sanitary District
Projected Operation and Maintenance Service Charge

	Revised Budget 2009/10	Projected	
		Contract	Direct
		Operations 2010/11	Operations 2010/11
Number of equivalent connections	28,495	28,580	28,600
New equivalent connections	85	20	20
Annual operating service charge	\$281	\$271	\$311
Beginning working capital fund balance	\$7,830,000	\$6,281,000	\$6,302,000
Operating revenues			
Operating service charges	\$8,007,000	\$7,745,000	\$8,895,000
Other revenues - 3% increase	774,000	797,000	821,000
Interest @ 2.0%	<u>150,000</u>	<u>126,000</u>	<u>126,000</u>
Total operating revenues	8,931,000	8,668,000	9,842,000
Operating expenses (1)			
Wastewater Treatment	3,536,000		4,127,000
Service Fee		1,965,000	
Insurance & bonds		53,000	
Major Equipment Repair		74,000	
Contract management		100,000	
Water, Permits, telephone		148,000	
Electricity, Fuel, Gas		<u>618,000</u>	
Subtotal	3,536,000	2,958,000	4,127,000
Reclamation/disposal	457,000	471,000	471,000
Laboratory/monitoring	563,000	580,000	580,000
Pump stations	555,000	572,000	572,000
Collection system	845,000	870,000	870,000
Recycled water	0	0	0
AB 939 Solid waste	331,000	341,000	341,000
Retiree GASB 45 funding	296,000	296,000	296,000
Administration & engineering	<u>3,897,000</u>	<u>2,559,000</u>	<u>2,559,000</u>
Total operations	\$10,480,000	\$8,647,000	\$9,816,000
Annual net revenues	-\$1,549,000	\$21,000	\$26,000
Ending fund balance	\$6,281,000	\$6,302,000	\$6,328,000

1 - Operating expenses projected to increase by 3% annually
2 - Single plant operations beginning 2010

Table 3
Novato Sanitary District
Interim Financing - Zion's Bank
\$30 Million Revolving Credit Agreement

Maximum credit line	\$30,000,000			
Fixed interest rate (1)	4.34%			
Term	May 10, 2006 to April 1, 2011			
Amount outstanding (May 1, 2010)	\$30,000,000			
Loan Payoff	Outstanding Balance	Principal Payment	Interest	Total
2007/08	\$30,000,000	\$0	\$1,302,000	\$1,302,000
2008/09	30,000,000	0	1,302,000	1,302,000
2009/10	30,000,000	0	1,302,000	1,302,000
2010/11 (2)	30,000,000	30,000,000	326,000	30,326,000

1 - District's current borrowing rate
2 - Assumes credit line repaid during first quarter of fiscal year

Table 4
Novato Sanitary District
SRF Loan Amount
Contract 07824: Loan No. 4903-110

Loan amount	\$81,329,083
Accrued interest (1)	<u>6,064,321</u>
Total repayment amount	87,393,404

1 - Interest accrued at 2.4% on funds disbursed during construction

Table 5
Novato Sanitary District
Estimated SRF Loan Payments
Term - 20 years; 2.4% Interest
\$81,329,000 + \$6,064,000 Accrued Interest

Date	Outstanding Principal	Interest Payment	Principal Payment	Total Annual Payment	
FY 2011/12	\$81,329,083	\$6,064,321	\$0	\$6,064,321	1
FY 2012/13	81,329,100	1,951,900	3,471,200	5,423,100	2
FY 2013/14	77,857,900	1,868,600	3,554,500	5,423,100	3
FY 2014/15	74,303,400	1,783,300	3,639,800	5,423,100	4
FY 2015/16	70,663,600	1,695,900	3,727,200	5,423,100	5
FY 2016/17	66,936,400	1,606,500	3,816,600	5,423,100	6
FY 2017/18	63,119,800	1,514,900	3,908,200	5,423,100	7
FY 2018/19	59,211,600	1,421,100	4,002,000	5,423,100	8
FY 2019/20	55,209,600	1,325,000	4,098,100	5,423,100	9
FY 2020/21	51,111,500	1,226,700	4,196,400	5,423,100	10
FY 2021/22	46,915,100	1,126,000	4,297,100	5,423,100	11
FY 2022/23	42,618,000	1,022,800	4,400,300	5,423,100	12
FY 2023/24	38,217,700	917,200	4,505,900	5,423,100	13
FY 2024/25	33,711,800	809,100	4,614,000	5,423,100	14
FY 2025/26	29,097,800	698,300	4,724,800	5,423,100	15
FY 2026/27	24,373,000	585,000	4,838,100	5,423,100	16
FY 2027/28	19,534,900	468,800	4,954,300	5,423,100	17
FY 2028/29	14,580,600	349,900	5,073,200	5,423,100	18
FY 2029/30	9,507,400	228,200	5,194,900	5,423,100	19
FY 2030/31	4,313,200	103,500	4,313,200	4,416,700	20

Source: SWRCB Disbursement Schedule

Table 6
Novato Sanitary District
Capital Expenditure Schedule

Year	Treatment Plant Upgrade	Collection System	Pump Stations	Reclamation System	Water Recycling (1)	Other Projects (2)	Total
2009/10	\$24,346,000	\$2,275,000	\$2,150,000	\$260,000	\$365,000	\$480,000	\$29,876,000
2010/11	1,705,000	2,275,000	2,500,000	300,000	300,000	880,000	7,960,000
2011/12	2,485,000	4,300,000	700,000	300,000	2,500,000	270,000	10,555,000
2012/13	3,380,000	4,310,000	50,000	300,000	2,500,000	270,000	10,810,000
2013/14	495,000	4,265,000		200,000	50,000	2,070,000	7,080,000
2014/15	275,000	3,255,000		200,000	50,000	3,070,000	6,850,000
Total	\$32,686,000	\$20,680,000	\$5,400,000	\$1,560,000	\$5,765,000	\$7,040,000	\$73,131,000

1 - Project funded from grant and SRF loan proceeds. Loan costs and operating costs paid by NMWD.

2 - Hamilton outfall project (Totaling \$5 million in FY's 2014 and 2015) funded by others.

Table 7
Novato Sanitary District
Projected Capital Service Charge
Financing Required - Certificates of Participation

	Budget 2009/10	Projected 2010/11
Number of equivalent connections	28,495	28,580
New equivalent connections	85	20
Annual capital service charge	\$181	\$191
Connection charge - 4% increase	\$7,350	\$7,600
Beginning capital fund balance (1)	\$38,814,000	\$32,828,000
Capital revenues		
Capital service charges	5,157,000	5,459,000
Connection charges	450,000	152,000
Property taxes - 1% increase	2,275,000	2,298,000
Interest income @ 2.0%	500,000	985,000
Recycled water charge to NMWD		300,000
Recycled water - grant and SRF loan		
Other revenues	<u>8,000</u>	<u>20,000</u>
Annual capital revenue	8,390,000	9,214,000
Bond (COP) proceeds (2)		5,000,000
SRF loan proceeds	<u>17,214,000</u>	<u>310,000</u>
Total annual funding	25,604,000	14,524,000
Capital expenses		
Treatment plant	24,346,000	1,705,000
Collection system	2,275,000	2,275,000
Pump stations	2,150,000	2,500,000
Reclamation system	260,000	300,000
Recycled water NMWD	364,000	300,000
Other projects	893,000	880,000
Interim financing	1,302,000	30,326,000
SRF loan - recycled water NMWD		
New bond (COP) service (4.75%, 25 years)		
SRF Loan pmts (2.4%, 20 years)	<u>0</u>	
Annual capital expense	31,590,000	38,286,000
Net annual revenues	-5,986,000	-23,762,000
Ending fund balance	\$32,828,000	\$9,066,000

1 - FY's 2009/10 and 2010/11 beginning balances include \$30 million Zion's Bank credit line.

2 - Assumes sale of \$5.45 million of COPs during third quarter of year

Table 8
Novato Sanitary District
Sewer Service Charges
Annual Cost per Equivalent Dwelling Unit

	Adopted Budget 2009/10	Projected	
		Contract Operations 2010/11	Direct Operations 2010/11
Operating service charge	\$281	\$271	\$311
Capital service charge	<u>181</u>	<u>191</u>	<u>191</u>
Total service charge	\$462	\$462	\$502
Annual increase	\$0	\$0	\$40

Table A-1
Novato Sanitary District
O&M Budget FY 2008/09, FY 2009/10, FY2010/11,
Direct Operations - Treatment Plant Operation Summary

Operating Budget - TREATMENT FACILITIES

Item	Budget 2008-09	Actual Expend 2008-09	Budget	
			2009-10	2010-11
Salaries/Wages	1,032,811	1,015,034	600,922	1,307,969
Employee Benefits	449,272	420,191	262,163	667,667
Gas, Oil & Fuel	42,500	31,425	40,000	40,000
Software Maint	7,500	4,820	7,000	50,000
Oper Supplies	50,000	45,781	45,000	50,000
Oper Chemicals	309,000	307,936	300,000	
Ferric Chloride				15,000
Polymer				20,000
Hypochlorite				50,000
Bisulfite				10,000
Janitorial Svs/Garbage	20,000	13,558	40,000	40,000
Grounds Maint	5,000	4,242	2,000	2,000
Sludge Disp. - Contract	30,000	45,856	45,000	50,000
Repairs and Maintenance	250,000	259,150	130,000	250,000
Unusual Eq Maint	70,000	10,480		0
Small Tools	3,500	2,767	3,000	3,000
Gas & Elect	720,000	686,975	700,000	664,999
Water	4,000	2,359	4,000	4,000
Telephone	9,000	12,678	13,000	15,000
Other/Operational Assist.	7,250	116,244	1,212,885	731,050
Permits & Fees	68,000	45,491	110,000	135,491
Vehicle Repl	21,200	21,200	21,200	21,200
Capital Outlay	36,000	8,232	0	0
Total - TREATMENT FACILITIES	3,135,035	3,054,419	3,536,170	4,127,376

Table A-2

Novato Sanitary District
 Treatment Plant O&M Budget - Direct Operations
 PERSONNEL DETAIL

Number	Position	Total	
		2010-11 Salaries ⁽²⁾	Recruitment Detail
0.50	Field Services Superintendent.....	57,920	
0.75	Senior Engineer	84,814	
1.00	Information System Specialist II ⁽¹⁾	72,889	17865
1.00	Operations Leadworker.....	86,439	
4.00	WWTP Senior Operator ⁽¹⁾	321,422	39390
0.50	Instrument Technician/Electrician.....	42,191	
1.00	Wastewater Facilities Manager ⁽¹⁾	134,101	32868
1.00	WWTP Operator II.....	76,537	
2.00	Mechanical Maintenance ⁽¹⁾	164,652	20178
1.00	Electrician ⁽¹⁾	82,326	20178
1.00	Chief Plant Operator ⁽¹⁾	124,677	30558
	Allowance for Overtime.....	30,000	
	Allowance for Standby Duty Pay.....	30,000	
<hr/>			
13.75	Subtotal	1,307,969	161,037

Note 1: Recruitment costs equal to 3 months salary.

Note 2: 2% Allowance for COLA - across the board included in salaries for 2010-11

**Table A-3
Novato Sanitary District
O&M Budget FY 2010/11,
Direct Operations
Employee Benefits Detail**

Position	2010-11 Base Salary	Medical	Dental	Vision	PERS	Disability	Life Insurance	Employer- Paid Medicare	Retiree Medical	Worker's Compensation	Total Benefits
Operations Leadworker	90,770	13,421	2,011	445	18,154	1,607	246	1,316	9,586	3,576	50,362
WWTP Op II	76,537	6,710	812	171	15,307	1,355	246	1,110	9,586	3,016	38,312
0.5 Elect Instr Tech	42,191	8,723	1,006	222	4,219	373	123	306	4,792	1,662	21,427
4 WWTP Sr Op	335,422	55,024	6,845	1,506	67,084	5,937	984	4,864	21,688	13,216	177,147
2 Mech Tech II	164,652	34,893	4,022	890	32,930	2,914	492	2,387	19,172	6,487	104,189
.75 Senior Engineer	84,814	13,085	1,508	334	16,963	1,126	185	1,230	7,190	551	42,171
0.5 Field Services Superintendent	57,920	8,724	2,011	445	11,584	1,025	123	840	4,793	376	29,921
Information System Specialist II	72,889	17,447	1,006	445	14,578	1,290	246	1,057	9,586	277	45,931
Wastewater Facilities Manager	134,101	17,447	2,011	445	26,820	2,374	246	1,944	2,012	5,284	58,582
Chief Plant Operator	124,677	17,447	2,011	445	24,935	2,207	246	1,808	1,870	4,912	55,881
Electrician	82,326	17,447	2,011	445	16,465	1,457	246	1,194	1,235	3,244	43,744
Employee Benefit Total		210,368	25,253	5,792	249,041	21,665	3,383	18,055	91,509	42,601	667,667

Table A-4
Novato Sanitary District
O&M Budget FY 2010/11,
Direct Operations
Operational Assistance Detail

Task	2010/11
Standard Operating Procedures ¹	\$215,000
Maintenance Management Program	\$43,800
Laboratory Information Management	\$40,000
Process Data Program	\$85,000
Environmental Management System	\$120,000
Training	\$66,250
Recruitment ²	<u>\$161,000</u>
Total	<u>\$731,050</u>

Note 1: Based on proposal received 150 SOPs in 2010/11 20 SOPs in 2011/12

Note 2: Based on average recruitment expense of 3 months salary

NOVATO SANITARY DISTRICT BOARD AGENDA ITEM SUMMARY

TITLE: Service Charges: Set Date for Public Hearing	MEETING DATE: May 10, 2010 AGENDA ITEM NO.: 7.b.
RECOMMENDED ACTION: Set the date for the Public Hearing on Sewer Service Charges for July 12, 2010 and authorizing the mailing of the Proposition 218 Notice for a maximum rate increase of \$40 per equivalent dwelling unit.	
SUMMARY AND DISCUSSION: <p>The deadline for Special Districts to submit sewer service charges to the County of Marin Department of Finance is July 12, 2010 (see attached email from Mathilda Leow). The prior schedule provided and adopted by the Board was based on providing this information to the County by August 10th rather than July 12th. The last time the District considered a rate adjustment, in 2004, the Board set the date for the Public Hearing at their meeting on May 10th, so the recommended action is consistent with past practice.</p> <p>Under Proposition 218, the District must provide notice of the maximum amount of the potential increase 45 days prior to the public hearing. In order to meet the County deadline and comply with Proposition 218 Public Hearing and Notice requirements, the District has to mail the notice no later than May 28, 2010. After holding the public hearing the Board can then decide whether or not to approve a rate increase up to that maximum amount. This is a very tight but achievable schedule.</p> <p>As discussed under the prior agenda item and presented in the Sewer Service Charge Report, if the contract for operating the wastewater treatment plant is approved by the voters there will be no need for a sewer service charge rate increase this year. However, if the contract is not approved the sewer service charge will need to be increased by \$40.00 per equivalent dwelling unit or 8.7%. Table 1 shows the resulting rates for the three residential tiers as well as gives an idea of what the impact is on other user categories.</p> <p>The comparable rates for other North Bay Wastewater Agencies are shown in the attached Table 2.</p> <p>Staff recommends authorizing the preparation of a Proposition 218 Notice for a maximum sewer service charge increase of \$40 per EDU and setting the date for the Public Hearing at 6:30 PM on July 12, 2010.</p>	
ALTERNATIVES: Do not approve the maximum increase or set the date for the public hearing	
BUDGET INFORMATION: The cost of the mailing for the Proposition 218 Notice will be funded under the budget for Printing and Mailing which has a budget of \$12,000.	
DEPT.MGR.:	MANAGER:

Robin Merrill

From: Leow, Mathilda [MLEow@co.marin.ca.us]
Sent: Tuesday, May 04, 2010 8:13
To: Leow, Mathilda
Subject: FY2010/2011 Board Approved Special Assessment-Resolution/Ordinance &/or Minutes with Transmittal Three

Board Approval Deadline for FY 2010 / 2011 Special Assessment Charges

Hi All,

We are moving closer to the end of this FY 2009 / 2010 and gearing ahead to the beginning of a new FY 2010 / 2011 for Special Assessment.

Our office, the Department of Finance, will need a copy of your Board Resolution / Board Ordinance and / or Board Minutes, when you submit your Transmittal Three. Please disregard this message if it is not applicable to your district.

Please make any necessary arrangements to have your Board meet and have this item approve on or before the due date, tentatively set for Monday July 12th, 2010.

Please let me know if you have any question. Thank you very much.

Mathilda Leow
Property Tax Division
Marin County Department of Finance
(415) 499-6158

Email Disclaimer: <http://www.co.marin.ca.us/nav/misc/EmailDisclaimer.cfm>

Table 1
Novato Sanitary District
Sewer Service Charge Projection

Category	Current	2010-11 Contract Operations	2010-11 Direct Operations	Potential Increase
Residential low	\$277.20	\$277.20	\$301.20	\$24.00
Residential Average	\$462.00	\$462.00	\$502.00	\$40.00
Residential High	\$831.60	\$831.60	\$903.60	\$72.00
Non-Residential - Median Values				
Church / Meeting Hall	\$1,204.52	\$1,204.52	\$1,308.81	\$104.29
Food Services	\$2,124.54	\$2,124.54	\$2,308.48	\$183.94
Medical	\$413.26	\$413.26	\$449.04	\$35.78
Office / Retail	\$665.82	\$665.82	\$723.47	\$57.65
Schools	\$4,838.78	\$4,838.78	\$5,257.73	\$418.94
Everything else	\$1,318.66	\$1,318.66	\$1,432.82	\$114.17
Novato Unified School District	\$152,000.00	\$152,000.00	\$165,160.17	\$13,160.17

**TABLE 2: COMPARISON OF ANNUAL SEWER SERVICE CHARGES
LEVIED BY NEIGHBORING AGENCIES**

AGENCY	RATE(\$ANNUAL)
Sanitary District No. 5 - Belvedere	1,185 currently/1,457 (proposed rate)
City of Santa Rosa	1,064
Tamalpais Community Service District	710 currently/ 1,013 (proposed rate)
City of Petaluma	854 currently/965.50 (2011 rate)
City of Rohnert Park	670
San Rafael Sanitation District	594 currently/637.50 (proposed rate)
Sausalito-Marín City Sanitary District - Sausalito	603
Sanitary District No. 5 - Tiburon	478 currently/ 598 (proposed rate)
City of Larkspur	572
Las Gallinas Valley Sanitary District	563
Sanitary District No. 1 - Ross Valley	504
City of Corte Madera	498
Vallejo Sanitation & Flood Control District	465
NOVATO SANITARY DISTRICT	462
Sausalito-Marín City Sanitary Dist - Marin City	439
Napa Sanitation District	421
City of Mill Valley	297

QUARTERLY INVESTMENT REPORT -- For Quarter Ended March 2010

INVESTMENT	ACTIVITY	Jan	Feb	Mar	QTR TOTAL
STATE TREASURER'S	Total deposits/transfers in	45,687	180,000	250,000	475,687
INVESTMENT FUND	Total transfers out	3,125,000	2,791,000	2,725,000	8,641,000
	Minimum daily balance	28,605,104	25,994,104	23,519,104	28,605,104
Current Yield	Maximum daily balance	31,684,417	28,605,104	25,994,104	28,605,104
0.56%	Interest earned	0	0	37,601	37,601
The LAIF Pooled Money Investment Account Report is attached as specified in California Government Code Section 53646(e)					
CHECKING ACCOUNTS					
Interest Rate	<u>Regular Warrants Account</u>				
0.05%	Total deposits & transfers in	3,426,704	3,040,941	8,908,693	15,376,338
	Total checks & transfers out	3,173,811	3,291,687	8,678,881	15,144,379
	Minimum daily balance	138,655	162,956	17,441	17,441
	Maximum daily balance	1,038,733	1,151,556	5,156,027	5,156,027
	Interest earned	12	19	16	47
	<u>Payroll Account</u>				
	Total transfers in	155,100	151,063	194,036	500,199
	Total checks & transfers out	219,885	159,843	189,892	569,620
	Minimum daily balance	2,769	371	1,569	371
	Maximum daily balance	141,369	141,073	187,709	187,709
	Interest Earned	0	0	0	0
	<u>Project Account</u>				
	Total transfers in	2,004,000	1,275,700	1,984,100	5,263,800
	Total checks & transfers out	1,873,149	1,291,856	1,974,745	5,139,750
	Minimum daily balance	4,823	5,056	5,049	4,823
	Maximum daily balance	1,875,823	1,163,800	1,208,066	1,875,823
	Interest earned	4	3	11	18

NOTES: (1) The above investments are consistent with the annual Statement of Investment Policy submitted to the District Board of Directors on November 17, 2009

The District has the ability to meet six months cash needs.

(2) LAIF interest rate is currently .56% which is a significant decrease from .60% in December 2009, .90% in September 2009, and 1.377% in June 2009.

Bill Lockyer, State Treasurer

Inside the State Treasurer's Office

Local Agency Investment Fund (LAIF)



PMIA Performance Report

Date	Daily Yield*	Quarter to Date Yield	Average Maturity (in days)
4/23/2010	0.54	0.56	212
4/24/2010	0.54	0.56	212
4/25/2010	0.54	0.56	212
4/26/2010	0.54	0.56	206
4/27/2010	0.54	0.56	206
4/28/2010	0.52	0.59	196
4/29/2010	0.52	0.59	193
4/30/2010	0.52	0.59	190
5/1/2010	0.52	0.59	190
5/2/2010	0.52	0.58	190
5/3/2010	0.53	0.58	195
5/4/2010	0.52	0.61	190
5/5/2010	0.52	0.61	189
5/6/2010	0.52	0.60	191

*Daily yield does not reflect capital gains or losses

LAIF Performance Report

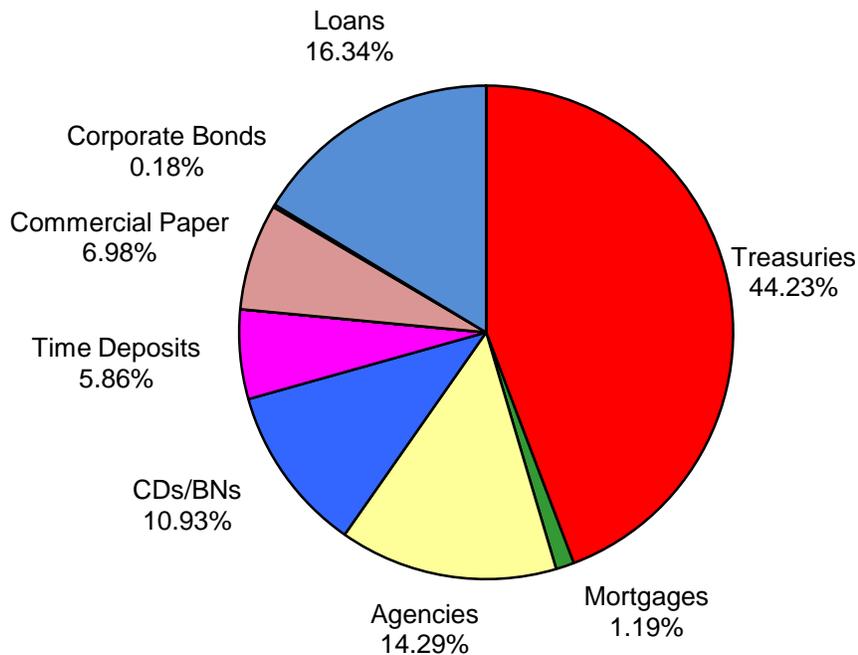
Quarter ending 03/31/2010

Apportionment Rate: 0.56%
 Earnings Ratio: .00001526772794093
 Fair Value Factor: 1.001183091
 Daily: 0.55%
 Quarter To Date: 0.56%
 Average Life: 213

PMIA Average Monthly Effective Yields

APR 2010 0.588%
 MAR 2010 0.547%
 FEB 2010 0.577%

Pooled Money Investment Account Portfolio Composition \$69.1 Billion 03/31/10



PAR VALUES MATURING BY DATE AND TYPE
Maturities in Millions of Dollars

ITEM	1 day to 30 days	31 days to 60 days	61 days to 90 days	91 days to 120 days	121 days to 150 days	151 days to 180 days	181 days to 210 days	211 days to 270 days	271 days to 1 year	1 year to 2 years	2 years to 3 years	3 years to 4 years	4 years to 5 year/out
TREASURY		\$ 200	\$ 4,800	\$ 2,445	\$ 3,000	\$ 1,850	\$ 950	\$ 4,600	\$ 7,050	\$ 2,500	\$ 3,250		
REPO													
TDs	\$ 2,274	\$ 866	\$ 913										
AGENCY	\$ 1,531	\$ 2,050	\$ 3,381	\$ 1,700	\$ 700	\$ 185		\$ 375	\$ 264	\$ 1,125	\$ 633		\$ 0
BAs													
CP	\$ 2,747	\$ 2,075											
CDs + BNs	\$ 2,300	\$ 4,100	\$ 1,150										
CORP BND					\$ 25	\$ 100							
TOTAL													
\$ 59,139	\$ 8,852	\$ 9,291	\$ 10,243	\$ 4,145	\$ 3,725	\$ 2,135	\$ 950	\$ 4,975	\$ 7,314	\$ 3,625	\$ 3,883		\$ 0
PERCENT	15.0%	15.7%	17.3%	7.0%	6.3%	3.6%	1.6%	8.4%	12.4%	6.1%	6.6%	0.0%	0.0%

Notes:

1. SBA Floating Rate Securities are represented at coupon change date.
2. Mortgages are represented at current book value.
3. Figures are rounded to the nearest million.
4. Does not include AB55 and General Fund loans.

**State of California
Pooled Money Investment Account
Market Valuation
3/31/2010**

Description	Carrying Cost Plus		Fair Value	Accrued Interest
	Accrued Interest	Purch.		
United States Treasury:				
Bills	\$ 22,117,200,379.93	\$ 22,151,765,333.35	\$ 22,162,576,550.00	NA
Notes	\$ 8,452,020,143.48	\$ 8,451,181,483.46	\$ 8,474,379,500.00	\$ 26,661,282.00
Federal Agency:				
SBA	\$ 555,726,851.61	\$ 555,717,973.09	\$ 548,069,367.58	\$ 600,736.78
MBS-REMICs	\$ 822,263,011.50	\$ 822,263,011.50	\$ 869,244,504.79	\$ 3,903,500.61
Debentures	\$ 1,209,383,439.78	\$ 1,209,383,439.78	\$ 1,214,140,480.00	\$ 11,195,147.88
Debentures FR	\$ 400,000,000.00	\$ 400,000,000.00	\$ 400,058,000.00	\$ 51,196.44
Discount Notes	\$ 7,414,113,502.50	\$ 7,424,994,088.81	\$ 7,427,967,500.00	NA
FHLMC PC	\$ -	\$ -	\$ -	\$ -
GNMA	\$ 98,647.66	\$ 98,647.66	\$ 109,991.76	\$ 971.39
IBRD Deb FR	\$ 300,000,000.00	\$ 300,000,000.00	\$ 300,714,000.00	\$ 260,634.00
CDs and YCDs FR	\$ -	\$ -	\$ -	\$ -
Bank Notes	\$ -	\$ -	\$ -	\$ -
CDs and YCDs	\$ 7,550,047,500.90	\$ 7,550,038,167.57	\$ 7,550,160,392.50	\$ 2,499,611.14
Commercial Paper	\$ 4,821,125,738.34	\$ 4,821,777,031.37	\$ 4,821,754,787.77	NA
Corporate:				
Bonds FR	\$ 125,184,760.48	\$ 125,184,760.48	\$ 125,041,750.00	\$ 24,005.58
Bonds	\$ -	\$ -	\$ -	\$ -
Repurchase Agreements	\$ -	\$ -	\$ -	NA
Reverse Repurchase	\$ -	\$ -	\$ -	\$ -
Time Deposits	\$ 4,052,640,000.00	\$ 4,052,640,000.00	\$ 4,052,640,000.00	NA
NOW Account	\$ -	\$ -	\$ -	NA
AB 55 & GF Loans	\$ 11,286,774,939.92	\$ 11,286,774,939.92	\$ 11,286,774,939.92	NA
TOTAL	\$ 69,106,578,916.10	\$ 69,151,818,876.98	\$ 69,233,631,764.32	\$ 45,197,085.82

Fair Value Including Accrued Interest

\$ 69,278,828,850.14

Repurchase Agreements, Time Deposits, AB 55 & General Fund loans, and Reverse Repurchase agreements are carried at portfolio book value (carrying cost).

The value of each participating dollar equals the fair value divided by the amortized cost (**1.001183091**). As an example: if an agency has an account balance of \$20,000,000.00, then the agency would report its participation in the LAIF valued at \$20,023,661.82 or \$20,000,000.00 x **1.001183091**.

05/07/10

Novato Sanitary District Check Register

May 7 - 10, 2010

Date	Num	Name	Credit
May 7 - 10, 10			
5/7/2010	50951	Barg, Coffin, Lewis & Trapp	98,171.43
5/7/2010	50989	Pacific, Gas & Electric	82,706.75
5/7/2010	51007	Veolia Water North America	42,238.39
5/7/2010	50997	Sideman & Bancroft, LLP	34,044.30
5/7/2010	50987	Nute Engineering Inc.	27,879.77
5/7/2010	50974	Latham & Watkins, LLP	13,533.34
5/7/2010	50986	Novato, City	11,771.59
5/7/2010	51002	Team Ghilotti	11,208.55
5/7/2010	50971	Johnson, Dee	10,576.93
5/7/2010	50988	Olin Chlor Alkali Products	8,763.60
5/7/2010	50946	Aerotek	8,069.25
5/7/2010	50978	Miller Pacific Engineering, Inc.	5,900.00
5/7/2010	50996	Royal Petroleum Company	5,824.42
5/7/2010	50955	Cagwin & Dorward Inc.	4,736.46
5/7/2010	50954	Brenntag Pacific, Inc.	4,729.54
5/7/2010	50964	Environmental Resource Assoc	4,598.83
5/7/2010	50956	Caltest Analytical Lab Inc.	3,231.90
5/7/2010	50994	Preferred Benefit	3,164.24
5/7/2010	50953	Bowens, Kenneth	2,880.00
5/7/2010	50972	Kaiser Permanente-Cobra	2,377.75
5/7/2010	51003	U.S. Bank Card (1)(Bev)	2,088.18
5/7/2010	51001	Tamor & Tamor	2,031.50
5/7/2010	50973	Komline - Sanderson	1,449.35
5/7/2010	50945	Able Tire & Brake Inc.	1,363.03
5/7/2010	50967	Grainger	1,345.68
5/7/2010	51011	VWR International Inc.	1,331.18
5/7/2010	50970	IDEXX Distributing Corp.	1,303.95
5/7/2010	50984	Novato Disposal-	1,226.50
5/7/2010	51004	U.S. Bank Card (2)(June)	1,182.29
5/7/2010	50976	MarinScope	1,106.55
5/7/2010	50962	Comet Building Maintenance, I...	1,090.00
5/7/2010	50957	Cantarutti Electric, Inc	954.00
5/7/2010	50958	CASA	850.00
5/7/2010	51012	Watson Marlow Pumps, Inc.	826.26
5/7/2010	51010	Vision Service Plan	756.25
5/7/2010	50991	Pini Hardware	752.66
5/7/2010	51013	WC's Locks & Keys	712.43
5/7/2010	50980	Nextel Communications	646.70
5/7/2010	50993	Pollard Water	626.31
5/7/2010	50969	Hertz Corporation	604.95
5/7/2010	50959	CED Santa Rosa, Inc	588.65
5/7/2010	50968	Harrington Plastics, Inc.	583.46
5/7/2010	50961	Cintas Corporation	531.45
5/7/2010	50944	3T Equipment Company Inc.	519.42
5/7/2010	50960	Central Marin Sanitation District	480.00
5/7/2010	50947	AirGas-NCN, Inc.	411.51
5/7/2010	50992	Pitney Bowes Reserve Account	400.00
5/7/2010	51009	Verizon California	377.69
5/7/2010	50982	North Marin Auto Parts	328.76
5/7/2010	50950	AT&T Mobility	314.01
5/7/2010	51015	Whitney, Larry	310.00
5/7/2010	50999	State Water Resources Contro...	300.00
5/7/2010	50975	Lawson Products, Inc.	278.38
5/7/2010	51006	USA BlueBook	224.95
5/7/2010	51014	WEF Membership	217.00
5/7/2010	50979	Muniquip, Inc.	216.85
5/7/2010	50952	BoundTree Medical, LLC	188.36
5/7/2010	50963	CWEA-SFBS	180.00
5/7/2010	51008	Verizon Business	168.65
5/7/2010	50948	Alhambra	153.69
5/7/2010	50990	Petty Cash	153.67
5/7/2010	50977	Maselli & Sons Inc.	153.24
5/7/2010	50949	Aquatic Biosystems Inc.	143.00
5/7/2010	50995	Roy's Sewer Service, Inc.	140.00
5/7/2010	51005	United Blower	108.20
5/7/2010	50981	North Bay Gas & Weld	108.00

05/07/10

Novato Sanitary District Check Register

May 7 - 10, 2010

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Credit</u>
5/7/2010	50966	Fluid Dynamics	75.00
5/7/2010	50998	Staples Business Adv	54.45
5/7/2010	50965	Federal Express	27.20
5/7/2010	50985	Novato Lock	22.82
5/7/2010	51000	T-Mobile	22.42
5/7/2010	50983	North Marin Water District	13.20
May 7 - 10, 10			<u><u>416,448.84</u></u>

05/07/10

Novato Sanitary District Check Register

May 10, 2010

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Credit</u>
May 10, 10			
5/10/2010	2045	Monterey Mechanical, Inc.	1,001,195.00
5/10/2010	2048	RMC Water & Environment, Inc.	73,070.50
5/10/2010	2046	Rain For Rent	6,012.57
5/10/2010	2042	CDW Government, Inc.	4,336.47
5/10/2010	2043	Empire Mini Storage - Novato	730.00
5/10/2010	2047	Reliable Crane & Rigging	525.00
5/10/2010	2044	ModSpace Corporation	411.50
5/10/2010	2049	U.S. Bank Card (2)(June)	236.59
5/10/2010	2041	void	
May 10, 10			<u>1,086,517.63</u>

05/07/10

Novato Sanitary District Check Register

May 8, 2010

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Credit</u>
May 8, 10			
5/8/2010	51016	Di Giorgio, Mike	947.87
5/8/2010	Voucher	Long, William C.	582.10
5/8/2010	51017	Fritz, James D.	450.00
5/8/2010	51018	Welsh Dennis J.	450.00
May 8, 10			<u>2,429.97</u>

Novato Sanitary District Payroll and Payroll Related Check Register

April 27 - 30, 2010

Date	Name	Credit
Apr 27 - 30, 10		
04/30/2010	April P/R Checks and Vouchers	141,870.64
04/27/2010	PERS Retirement	37,608.38
04/27/2010	CalPers Health	32,067.45
04/30/2010	United States Treasury	27,337.80
04/27/2010	EDD	8,581.63
04/27/2010	Lincoln Financial Group	6,047.00
04/27/2010	Lincoln Financial Group-401a Plan	3,950.61
04/27/2010	Guarantee Mailing Services, Inc.	3,616.52
04/27/2010	Lincoln Financial Group-401a Plan	3,349.53
04/27/2010	State Street Bank & Trust	3,050.00
04/27/2010	Retiree-Coates	1,279.66
04/27/2010	Retiree-Cordeiro	960.12
04/27/2010	Retiree-Dimarco	960.12
04/27/2010	Retiree-Edington	960.12
04/27/2010	Retiree-Griffin	960.12
04/27/2010	Retiree-Longman	960.12
04/27/2010	Retiree-Mann	960.12
04/27/2010	Retiree-Perucchi	960.12
04/27/2010	Retiree-Welsh	960.12
04/27/2010	Retiree-Goldfarb	725.92
04/27/2010	Retiree-Bayles	725.92
04/27/2010	Retiree-Green	725.92
04/27/2010	Retiree-Healon	725.92
04/27/2010	Marin Employ Federal Credit Union	517.00
04/27/2010	Retiree-Bolick	491.72
04/27/2010	Retiree-Macleod	491.72
04/27/2010	Retiree-O'Shea	491.72
04/27/2010	Retiree-Sproul	491.72
04/27/2010	Retiree-Neighbors	491.72
04/27/2010	Local Union 315	440.00
04/27/2010	Hampton, Cari	400.00
04/27/2010	Retiree-Brown	193.36
04/27/2010	Retiree-Jackson	193.36
04/27/2010	Retiree-Murphy	193.36
04/27/2010	Retiree-Rotnicki	193.36
04/27/2010	ACS	80.00
04/27/2010	Local Union 315	80.00
04/27/2010	North Bay Children's Center	40.00
Apr 27 - 30, 10		<u>284,132.90</u>

NOVATO SANITARY DISTRICT BOARD AGENDA ITEM SUMMARY

TITLE: Collection System Improvements; Project 72706, Phase E – Ignacio Boulevard Sewer Rehabilitation Project	MEETING DATE: May 10, 2010 AGENDA ITEM NO.: 9.a.
RECOMMENDED ACTION: Consider making CEQA findings, approving plans and specifications, and authorizing advertising for bids.	
SUMMARY AND DISCUSSION: <p>Nute Engineering has completed the plans and specifications for this project and the project is ready for bid. This project consists of replacing 163 feet of 8” sewer main crossing Ignacio Boulevard just west of the intersection with Alameda del Prado. The purpose of this project is to replace the existing vitrified clay pipe that is full of sags and susceptible to plugging with grease. The District has experienced several overflows at this location due to the heavy grease problem.</p> <p>The Engineer’s Estimate for this work is \$90,000.00. District staff has completed the California Environmental Quality Act (CEQA) documentation and determined that the project is categorically exempt. This determination is made because the work consists of reconstruction of an existing facility where the new facility will be located on the same site as the facility replaced and will have substantially the same purpose and capacity of the facility replaced.</p> <p>Staff recommends making CEQA findings, approving plans and specifications and authorizing advertising for bids. Bids are expected to be received on June 8, 2010 and be presented to the Board at the June 14th meeting.</p>	
ALTERNATIVES: Do not bid the project.	
BUDGET INFORMATION: A portion of this work will be funded from the budget for Collection System Improvements, Project 72706, which has a current FY09-10 budget balance of \$388,520.00. The majority of this project will be funded from the FY10-11 budget and is included in the 5-year capital improvement plan.	
DEPT.MGR.:	MANAGER:

NOVATO SANITARY DISTRICT BOARD AGENDA ITEM SUMMARY

TITLE: Wastewater Treatment Facilities Upgrade; Project No. 72609	MEETING DATE: May 10, 2010
	AGENDA ITEM NO.: 10.a.

RECOMMENDED ACTION: Accept a proposal from RMC Water Environment, and authorize the Manager-Engineer to execute an agreement with RMC Water Environment to provide consulting engineering services for the Wastewater Treatment Facilities Upgrade Project – Contract C: Improvements at Novato Treatment Plant - Phase 1.

SUMMARY AND DISCUSSION:

In 2005, RMC Water Environment (RMC) prepared a Wastewater Treatment Plant Facility Detailed Plan for the District. The major elements of the detailed plan document were conveyed to the Board at its meeting of June 27, 2005, including the concept of designing and constructing the Wastewater Treatment Facilities Upgrade Project in a phased manner. Subsequently, RMC prepared final designs for the District whereby the Ignacio Transfer Pump Station (ITPS) was constructed as Contract A1, the Ignacio Conveyance Force Main (ICFM) was constructed as Contract A2, and the Novato Treatment Plant Upgrade is currently being constructed as Contract B.

Consistent with the concepts laid out by the Detailed Plan document, the logical next step would be to complete the remainder of the required elements of the Wastewater Facilities Upgrade Project not already addressed by Contracts A1, A2, and B. This next step, which was designated as Contract C by the Detailed Plan, includes two phases, Phase 1 and Phase 2. The primary elements of Contract C, Phase 1, (designated as Contract C1) will include: (a) the design of modifications to upgrade the existing 25+-year old Digester #2 to current standards, including feed and transfer systems, heating and mixing systems, and insulation and structural systems, and (b) evaluation and preliminary design of a maintenance shop facility, reuse of abandoned process tanks and site, building/process structure demolition and site restoration, including landscaping, and EIR review and environmental documentation.

Given their background and knowledge of the Upgrade Project, RMC has proposed that they will prepare the documentation for these C1 elements on a *time and materials basis* with an absolute cost ceiling of \$520,800. Staff recommends that the Board authorize the Manager-Engineer to negotiate and execute a contract with RMC up to this amount. The scope tasks and associated estimated fees are summarized in the table below.

Task	Fee
1 Project Management	\$44,300
2 Final Design of Digester #2 and Solids Conditioning Bldg Improvements	\$299,000
3 Preliminary Design and Evaluation of Site Improvements	\$177,500
Total	\$520,800

ALTERNATIVES: Not approve the contract.

BUDGET INFORMATION: The FY2009-10 budget for this project is \$24,000,000 of which \$19,567,741 has been expended as of April 2010.

DEPT.MGR.:	MANAGER:
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NOVATO SANITARY DISTRICT BOARD AGENDA ITEM SUMMARY

TITLE: Personnel: re-establish position of Operations Leadworker	MEETING DATE: May 10, 2010 AGENDA ITEM NO. : 11.a
RECOMMENDED ACTION: Approve the re-establishment of the Operations Leadworker position with a pay range of \$5,810 - \$7,062/month.	
SUMMARY AND DISCUSSION: <p>On September 21, 2009, the District Board abolished the positions for the functions that were to be transferred to Veolia including the position of Operations Leadworker. Dasse delongh was offered and accepted a lateral transfer to the position of Collection System Leadworker. On March 23, 2010, Dasse was asked to transfer back to the Operations Leadworker position to help out with the treatment plant start up.</p> <p>Teamsters Local 315 pointed out at a meeting on April 27, 2010, that the District had not re-established the position of Operations Leadworker. Staff recommends re-establishing this position to correct this oversight.</p>	
ALTERNATIVES: None.	
BUDGET INFORMATION: There is no impact on the budget since his pay rate does not change.	
DEPT. MGR. :	MANAGER'S APPROVAL:

NOVATO SANITARY DISTRICT BOARD AGENDA ITEM SUMMARY

TITLE: District Policy Handbook	MEETING DATE: May 10, 2010
AGENDA ITEM NO. : 12.a.	
RECOMMENDED ACTION: Adopt Policy Handbook Policy #3032 - Fixed-Asset Capitalization	
SUMMARY AND DISCUSSION: The attached Policy, "Fixed Asset Capitalization" is presented for Board consideration and adoption as part of the District Policy Handbook. The asset depreciation life is in conformance with audit recommendations and industry standards. New policies will be presented on a regular basis for Board consideration and adoption.	
ALTERNATIVES: Do not adopt proposed Policy.	
BUDGET INFORMATION: No budget impact.	
DEPT. MGR. :	MANAGER'S APPROVAL:

NOVATO SANITARY DISTRICT

POLICY HANDBOOK

POLICY TITLE: Fixed-Asset Capitalization

POLICY NUMBER: 3032

3032.1 The purpose of this policy is to provide criteria for determining when assets and associated costs are to be capitalized and depreciated.

3032.2 Single-item purchases with at least an anticipated useful life of five years and exceeding \$5,000 each shall be capitalized as a fixed asset. The purchase of these fixed assets shall be included on the District's statement of net assets and depreciated over the asset's estimated useful life. The purchase of fixed assets for less than \$5,000 shall be expensed.

3032.3 Other expenditures of \$5,000 or more providing a significant increase in future service potential of a fixed asset shall also be capitalized as part of the existing asset.

3032.3.1 To meet the criteria for a capital expenditure, the purchase should extend the useful life of an asset, increase the quantity of service provided by an asset, or increase the quality of service by an asset.

3032.3.2 Capital expenditures may include the following: additions (enlargements, expansions or extensions of existing assets), replacements and improvements, and rearrangement and/or relocation of an asset.

3032.4 Expenditures for normal repairs and maintenance shall not be considered as capital expenditures.

3032.5 Depreciation will be computed over the estimated useful lives of the assets as follows:

ASSET DEPRECIATION LIFE	
Fixed Asset	Useful Life (years)
Land Improvements	15
Buildings and structures, exclusive of subsurface pump stations	15-50
Vehicles	7-10
Sewer Facilities Equipment	5 – 35
Office Equipment	5 – 10
Office Furniture	10 – 15
Computer Equipment	3 – 7



April 27, 2010

Ms. Beverly James
Manager - Engineer
Novato Sanitary District
500 Davidson Street
Novato, CA 94545

Subject: Veolia Water Operations Report – March 2010

Dear Ms. James:

We are pleased to provide this updated activity report for March 2010.

As always, please give me a call at 415-798-6075 should you have any questions.

Regards,

A handwritten signature in black ink, appearing to read "John Bailey".

John Bailey
Project Manager

cc: Attachments

**MONTHLY OPERATIONS REPORT
MARCH 2010**

Prepared for

**NOVATO SANITARY DISTRICT (NSD)
WASTEWATER TREATMENT PLANT
500 Davidson Street
Novato, CA 94545**

Prepared by

Veolia Water West Operating Services, Inc. (VWWOS)

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TREATMENT PLANT PERFORMANCE SUMMARY:

March 2010:

Parameter	Monthly Performance March 2010	
	Novato WWTP	Ignacio WWTP
Flow, MGD (monthly average)	6.90	
Influent BOD ₅ , mg/L (monthly average)	168	167
Influent TSS, mg/L (monthly average)	209	118
Effluent BOD ₅ , mg/L (monthly average)	15	
Effluent TSS, mg/L (monthly average)	26	
Effluent BOD ₅ - % Removal	91	
Effluent TSS - % Removal	88	
Ammonia mg/L (monthly average)	2.10	
Total Permit Exceedances NPDES	2	

The following table represents the reportable violations experienced in March.

Date	Parameter	Value	Limit	Flow (million gallons/day)	
				Grab (Inst)	Average
3/3	Enterococcus	2419.6 mpn	276 mpn	14 mgd	N/A
Week #1	TSS Weekly Max	67 mg/L	45 mg/L	N/A	9.63 mgd

Discussion of Violations:

Enterococcus is a bacteriological test that determines the effectiveness of the disinfection process. Disinfection is accomplished by application of chlorine (sodium hypochlorite) to the wastewater. Factors such as solids in the wastewater, contact time, and biological and/or chemical demand impact the process. The Enterococcus violation occurred during the blending event. High solids, high demand, high flow, and short contact time were all factors.

Total Suspended Solids (TSS) weekly average; TSS is the solid fraction of wastewater made up of mostly organic material and microorganisms found in raw sewage and treated wastewater. Large sedimentation tanks (clarifiers) create a quiescent environment that allows solids (TSS) to settle and be removed from the wastewater. Very high flows during the first week of March resulted in high TSS values.

OPERATIONS & MAINTENANCE STATUS / REVIEW:

Key events for the period:

General:

- High treatment plant flows driven by rain resulted in blending during the first week of March.
- Veolia project manager and assistant project manager are attending Tuesday construction meetings to provide input. Construction and training schedule is provided to operations and maintenance staff at the morning meetings, posted, and noted on monthly schedule for staff.
- KPI Report from Job Plus CMMS provided at weekly client meetings

CONSTRUCTION UPDATE:

- Emergency generator startup and training
- Ultra Violet (UV) disinfection system testing
- UV disinfection system training
- Knife gate training
- Sodium hypochlorite feed system training
- Training on new plant equipment and processes is well underway.

ADMINISTRATION:

- March 2010 Consulting Services Invoice submitted on 4/12/10
- March 2010 Technical Services Invoice submitted on 4/12/10

SAFETY AND TRAINING:

Safety & Regulatory Training

- Monthly plant safety inspections for Novato WWTF completed on 3/11/10
- No lost time accidents reported during the month of March 2010.
- Five Minute Tailgate training is held daily with the O&M staff.
- Reviewed Fall Protection program with three operators.
- Reviewed SOP for Anaerobic Digester Gas Sulfide Testing-training.

Skills & Technical Training

- Process and Electronic Operation and Maintenance Manual Training provided by RMC & HDR on March 9th & 10th

PUBLIC RELATIONS:

- No odor complaints received in March 2010 Novato or Ignacio WWTP

VWVOS EMERGENCY AGREEMENT:

- Operations ongoing under the Emergency Agreement

MISCELLANEOUS

Veolia Support Staff On Site (Various Times)

John O'Hare	Laboratory and Regulatory
Ed Dix	Process Control Management Plan
Aaron Winer	Management and Administration
Bryce Behnke	Hach WIMS (remote support)

Novato Sanitary District

Collection System Monthly Report For 2010

	Jan	Feb	March	April	May	June	July	August	Sept	Oct	Nov	Dec	Total Year to Date	Average Year to Date
Employee Hours Worked														
Number of Employees	7	7	7											
Regular Time Worked on Coll. Sys.	664	586	683										1,933	
Regular Time Worked on Pump Sta	332	253	266										851	
Regular Time Worked on Other	6	25	56										87	
Vacation/Sick Leave/Holiday	356	354	481										1,190	
Overtime Worked on Coll. Sys.	16	15	22										52	
Overtime Worked on Pump Sta	50	22	42										114	
Overtime Worked on Other	0	8	17										24	
After Hours Callouts	1	0	0										1	
Service calls, normal hours	10	6	11										27	
Average S. C. response time (mins)	28	18	51										97	
Productivity														
Rodder 3203 Ft. Cleaned	4,781	13,489	1,757										20,027	6,676
Truck 3205V Ft. Cleaned	638	16,422	22,889										39,949	13,316
Truck 3206V Ft. Cleaned	38,870	39,448	51,850										130,168	43,389
Camera Ft. Videod														
Work Orders Completed	133	267	230										630	
Total Footage Cleaned	44,290	70,218	76,496										191,004	63,668
Stoppages														
Minor	3	3	2										8	
Major	0	0	1										1	
Overflow Gallons	3	3	1										7	
	5,675	9,380	109										15,164	
Benchmarks														
Average Ft. Cleaned/Hour Worked	65	117	109											
Total Stopages/100 Miles	1.3	1.3	0.8										11	
Average spill response time (mins)	5	18	11										4	
Callouts/100 Miles	5.0	3	5										4	
Overtime/100 Miles	29	7	10										46	
Overflow Gallons/100 Miles	2522	4169	48										6739.20	2,246

NOVATO SANITARY DISTRICT BOARD AGENDA ITEM SUMMARY

TITLE: CASA SPRING CONFERENCE REPORT	MEETING DATE: May 10, 2010
AGENDA ITEM NO. : 14.b.	
RECOMMENDED ACTION: Receive report on California Association of Sanitation Agencies (CASA) Spring conference.	
SUMMARY AND DISCUSSION:	
<p>This year, the California Association of Sanitation Agencies (CASA) spring conference was held in Newport Beach from April 28-30, 2010. The conference was well-attended and provided overviews and presentations on regulatory issues, State-wide budget and ballot issues, and State and Federal legislative priorities as they relate to CASA and its member agencies such as the District.</p> <p>Other topics of interest addressed included:</p> <ul style="list-style-type: none"> • Watershed approaches to storm-water management and the potential role of municipal wastewater treatment plants in storm-water management • Wet weather flow management • Mining wastewater and biosolids for resource recovery • Identifying and managing odor issues at wastewater facilities • An update on California's Climate Change law (AB32) and its impacts on CASA member agencies, presented by the California Wastewater Climate Change Group • A discussion of a successful solar energy generation facility <p>The program also included a tour of the Irvine Ranch Water District's (IRWD) innovative restoration and enhancement of the San Joaquin Wildlife Sanctuary, which is currently the largest coastal freshwater wetlands reserve in Southern California.</p>	
ALTERNATIVES: NA	
BUDGET INFORMATION: NA	
DEPT. MGR. :	MANAGER'S APPROVAL: