RICHARDSON'S BAY REGIONAL AGENCY

Thursday, May 21, 2009 5:30 P.M. to 7:30 P.M. Sausalito City Council Chambers 420 Litho Street Sausalito, CA

PUBLIC COMMENT IS INVITED CONCERNING EACH AGENDIZED ITEM PURSUANT TO THE BROWN ACT. PLEASE LIMIT YOUR COMMENTS TO THREE (3) MINUTES.

AGENDA

5:30 P.M. CALL TO ORDER - ROLL CALL

- 1. Minutes of January 15, 2009 Meeting
- 2. Review report of Harbor Administrator
- 3. TMDL Plan Discussion
- 4. Approval of prior expenditures for January April 2009
- 5. 2009-10 budget overview, discussion, and adoption
- 6. Letter to State concerning DBW
- 7. Public comments invited concerning items <u>NOT</u> on this Agenda (3-minute limit)
- 8. Staff comments
- 9. Board member matters

Adjourn. **NEXT MEETING**: <u>Tentatively planned for July 16, 2009</u>. Please review your calendars and advise Staff as to your availability.

A COMPLETE AGENDA PACKET IS AVAILABLE FOR VIEWING ON THE RBRA WEBSITE http://rbra.ca.gov, AND AT THE SAUSALITO CITY LIBRARY.

TO RECEIVE AN ELECTRONIC MEETING NOTICE, PLEASE EMAIL REQUEST TO DON ALLEE AT dallee@co.marin.ca.us

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RICHARDSON'S BAY REGIONAL AGENCY MEMORANDUM

May 15, 2009

TO: RBRA Board

FROM: Ben Berto, RBRA Clerk

SUBJECT: May meeting

Board members:

The end of this fiscal year will soon be upon us. With the end of the year comes a number of deadlines which require Board consideration and action, the most prominent of which is adoption of the RBRA budget for Fiscal Year 2009-2010 (copy of draft budget enclosed). Staff is proposing to maintain local contributions to the total budget at last year's level. Staff will go through the budget line items during our meeting next week. RBRA rules require action on the budget at this hearing.

Staff ruefully recalls the inability to generate a quorum for the previously scheduled meeting in March, and trusts that Board members will be in attendance for the upcoming meeting, or let Staff know of any anticipated schedule conflicts with enough advance notice to avoid a repeat of March. Member Butler has already notified Staff that his obligations preclude his attendance on May 21, so we're down to potential attendance by four members.

The State once again attempted a forced reorganization of the State Department of Boating and Waterways (DBW) into the Department of Parks and Recreation (shades of 2004 again). The County of Marin initiated the first local response, forwarding a letter to the Governor opposing the proposed change in a timely manner (see attached). Owing to the extremely unsettled nature of the State budget and every State agency in connection thereto, Staff is asking the Board to endorse and have the Chair sign a letter (also enclosed) for the Governor, to ensure that RBRA's opposition is registered.

Staff is presenting a draft plan responding to the Regional Water Quality Control Board's (RWQCB) TMDL (included in agenda packet). RBRA's plan is due to the RWQCB by July. Staff has met several times with local agency and RWQCB representatives. The draft plan reflects their input.

Work on the Strategic Plan efforts are proceeding. Staff anticipates making an in-depth presentation at the July RBRA meeting for Board direction, and initiating in-depth community outreach after Board review.

This meeting's agenda is posted on the RBRA website. A new website administrator has been hired to post the agenda, etc., in advance of meetings, as well as keep the website current and continue to develop its potential.

See you next Thursday.

RICHARDSON'S BAY REGIONAL AGENCY MINUTES OF JANUARY 15, 2009

HELD AT SAUSALITO CITY HALL CHAMBERS

MEMBERS PRESENT: Board Chair Jerry Butler (Belvedere); Acting Chair Charles McGlashan, (Marin County); Jonathan Leone (Sausalito); Dick Collins (Tiburon); Ken Wachtel, (Mill Valley)

ABSENT: None

STAFF: Bill Price (Harbor Administrator); Ben Berto (RBRA Clerk); Jennifer Vuillermet, (Marin County Counsel)

Meeting called to order at 5:05 PM

Chair Butler announced that the scheduled Closed Session was to be revised and reagendized at a later meeting. Since there was a large audience in attendance, Chair Butler opened the floor for public comments.

Subjects were addressed by different members of the public. Greg Taylor wanted public restroom facilities. Mark Gabriel wanted to see the Conditional Use Permits for Sausalito marinas. Mark Jones said he was on a fixed income and had nowhere to go but the anchorage. Don Bradley wanted more parking for anchor outs. Nathan Archer wanted a bicycle lane in the Humboldt block. Opal Merlati wanted her money back for a mooring rental in August 2007. Louis Tenwinkle said there were no facilities for anchor outs, and wanted a Citizen's Advisory Committee for wrecking vessels. Mona Mewitz asked when the proposed ordinance would take effect. Peter Romanowsky asked if the Harbor Administrator had a job in the Caribbean and if he took parts off boats for profit. Conrad Kamal said he appreciated the hospitality of the anchorage and encouraged the board to consider alternatives. Craig Wilson asked for a Citizen's Action Committee. Helene duBosier asked about the Harbor Administrator's culpability in the death of Todd Estrella. Jeff Chase said he was ticketed for doing a boat bottom job at Turney Street, which he needed to do to keep his boat afloat. Scott Diamond said the bay was filling with silt and needed to be dredged. Gary Bishop said anchorages up and down the coast were being policed and administered well, and said the RBRA was turning their back on a profit center. Roy Cano asked where he could go if he was kicked out. Clark Mason asked if Richardson's Bay was considered Federal Waters, and if RBRA had jurisdiction.

Chair Butler asked that in the future, more agenda packets could be provided for the public.

Election of Officers

Member Wachtel nominated Charles McGlashan for Board Chair and the vote was unanimous in acceptance for the next two year term. Board Chair McGlashan nominated Dick Collins for vice-chair and the vote was unanimous in acceptance for the next two year term.

Ben Berto thanked retiring Board Chair Jerry Butler for his service over the last two years and Chair McGlashan also gave praise.

Minutes of Board Meeting on November 20, 2008

Minutes were approved unanimously

Report of Harbor Administrator

Staff reported that the State AWAF grant payments had been held up in the State budget crisis, and that he was hesitant to spend much more on the program until the budget was passed. Kelly Darling offered some alternative funding ideas, including an upcoming brownfield workshop.

Approval of prior expenditures for November and December, 2008

Salvage costs were discussed, with Member Collins pointing out the large expenses involved. Staff answered Mr. Collins' question from the last Board meeting regarding RBRA purchase of a backhoe. It had been considered but since the State AWAF grant covers 90% of rental costs and will not cover use of RBRA owned equipment, the rental option is more viable and cost effective. Storage would also be a challenge.

Kelly Darling wondered if local marinas were paying their share for boat disposal and Staff answered that they were covering the RBRA's costs of 10%. Ms. Darling felt that it should be illegal for marina operators to give away boats. Louis Tenwinkle felt that the large numbers of derelicts disposed of annually made the Bay look bad.

Prior expenditures were approved unanimously.

Approval of Auditor's Report

Member Leone asked to have a copy forwarded to him so he could review it. Member Wachtel motioned to accept and Collins seconded. The motion passed 4-0 with Leone abstaining.

Adoption of Resolution considering issuing Anchoring Permits

Mr. Berto entered into a background discussion of the proposed ordinance, explaining that the RBRA had no provision for permitting anchoring vessels even though there were regulations requiring such permits. Ms. Vuillermet explained the legal issues surrounding the permit process. Member Wachtel asked if there was a condition for suitable anchors, or vessel insurance within the proposed ordinance. Member Collins asked if permits were issued currently and Staff replied that there were no permits to issue. Member Butler asked what the BCDC would allow and Staff replied 30 days maximum. Member Leone asked if there would be a process for the boat owner to reapply every month for a new permit and asked if an evergreen clause would be appropriate. Mr. Berto said the Board would have to advise and that the intent of the permit was to focus on judicious enforcement upon unseaworthy vessels and very large vessels. Ms. Vuillermet said the proposed permit could not violate the McAteer/Petris Act. Chair McGlashan asked if we could apply the permit requirements to new vessels

only. Member Leone asked how the 55' length had been chosen, and Staff responded that the vessels of that length and larger were dangerous to tow in inclement weather and posed a significant safety hazard to recue crews. Member Collins stated that the policy could decide whether or not to apply to existing vessels, determining a selective basis rooted in hazardous conditions.

Richard Weaver asked where the RBRA jurisdiction extended and Staff pointed out the Special Anchorage area was bounded from Spinnaker Point in Sausalito to Peninsula Point in Belvedere. Mr. Tenwinkle stated that he thought there was a \$3-5K fine for setting a train wheel, which he considered a safe mooring. Mr. Wilson asked if the conditions were met, would a permit be issued and Member McGlashan responded that once adopted, if the criteria were met a permit would be issued. He stated that a rational process would benefit everyone with interests on the Bay.

Henry Williams asked for the old anchor-out MOA to be dusted off, since it addressed all the concerns of holding tanks, anchor inspections, and registration. Member Leone asked that RBRA invite the WAM Committee to come to the meetings.

Ms. Merlati asked why the Marin Co. Sheriff was causing so much trouble for her, and stated she was anchored and not permanently moored. Ms. Darling said the RRBA needed to work together with the anchor-outs, that too much money was being spent and not enough patrol, RBRA should be making money and not to over-regulate. Mr. Chase stated that under Article 3, section 2 of the U.S. Constitution, all maritime activity was allowed, under police powers. Mr. Diamond stated that there were negligent storage issues with many of the vessels on the Bay and that 90% of them would be uninsurable. Andre Hopkins asked the Board to have a special meeting with affected parties and frame the debate, and to grasp the positives of the anchorage. He envisioned classes with local kids participating in rowing and sailing classes through RBRA. Paul Dines brought up several potential issues pertaining to anchoring and asked if RBRA inspected a vessel, would they become liable for that vessel in case of damages after the inspection.

Mr. Wilson stated that there were much larger vessels in the old days and that the vessels under 75' cause more damage in the Belvedere waterfront. He said that during an "Act of God" storm, everyone was responsible for their own life on the Bay. John Gorham said that the USCG was preparing an inquiry on Todd Estrella's death. Gary Bishop urged the Board to table the proposed ordinance. Member Leone echoed Paul Dines and wanted Staff to check other communities and stay consistent coast-wise. He said it was not his goal to push pout anchor-outs since they added to the community. He wanted the RBRA to participate with shore side groups and recognized that the anchor-outs needed to keep in place during storms. Chair McGlashan asked to continue the item to the March meeting, and asked member Leone to bring it before Sausalito City Council. He also asked for a subcommittee meeting with County Counsel. Member Collins asked if the proposed ordinance was derived from other jurisdictions in the State. Member Butler said that the discussion was a good straw horse for comments, but he felt other jurisdictions didn't have BCDC to contend with. He moved to table the item, and the

motion passed unanimously. Chair McGlashan thanked Staff and the community for their work and comments.

Bay Strategic Plan update

Chair McGlashan opened up the discussion by stating that the Board was under pressure to eradicate the anchor-out community but he said that this was not the intent of the Board. The long term vision is the notion that life can go on once a safe mooring plan is implemented. He said he was absolutely opposed to the loss of the lifestyle, but the BCDC could not approve "floating fill". The main problem was boats blowing downwind and affecting waterfront homes and beaches. He felt the State legislature didn't support eradication; that there were no funds dedicated, and that even BCDC looks the other way when confronted with the issue. His interest is to create a safe and secure life for the anchor-outs and for the shore side residents and businesses in Southern Marin. He wanted citizens on the water to get permitted to stay on a mooring, but the McAteer/Petris Act wouldn't let it pass as a life estate. He introduced Cheryl Popp, who has been hired to guide the proposed Strategic Plan through to the next phase.

Mr. Berto commented on the comprehensive vision presented in the overview and said that Ms. Popp was a key participant in the process and that Clem Shute was moving forward with his work. He detailed the meeting with the WAM group and asked to reconvene the Strategic Plan subcommittee which formerly included Chair McGlashan to get more direction and move the process along more quickly between Board meetings. Chair McGlashan concurred and asked to have Member Leone on the subcommittee to continue the work of Paul Albritton. There was Board consensus to reinstate the Strategic Plan subcommittee comprised of Chair McGlashan and member Leone.

Chuck Donald said the library did not have a copy of the latest agenda package. Scott Diamond wanted to try and avoid an adversarial relationship and asked to involve the elders of the community in the process. He felt that the liability for the moorings becomes the RBRA's responsibility.

Member Collins suggested the anchor-outs form a homeowners association, and member Leone suggested that the Association might want to contact Legal Aid of Marin.

Andre Hopkins asked how the Mooring Field would be paid for and wanted to focus on the commercial value that cruisers brought to the city. Chair McGlashan pointed out that Cheryl Popp was the Chair of the Chamber of Commerce and she would have an interest in gathering that information. He also said that a legislative remedy was a real possibility but that the RBRA would try and work rationale and process first. Mr. Bishop asked who the anchor-outs could petition and Chair McGlashan asked him to hold off for now and they would be able to send letters later in the process.

Mr. Tenwinkle apologized for his strong words earlier in the meeting and said he would get a committee together. Member Leone asked him to submit his committee comments in writing, and that he would value their knowledge base and input. Chair McGlashan wrapped things up wanting Staff to consider how to meet with the Chamber, and he

asked Ms. Vuillermet to look into the legal issues. He also considered looking at the HUD funding options for creating a public shower.

TMDL Update

Mr. Berto stated that Staff was looking at establishing test protocols for the new two-season testing cycle, and that we would be continuing the enterococcus test at the behest of the Water Board. He also made the point that the RBRA would not be taking on the houseboat sewage inspection component due to the expertise required, divergence from RBRA program focuses, and time commitment.

Website Discussion

Mr. Berto explained that in-house staff would be updating the website with agendas and packages from now on. A new consultant would be considered for more involved work.

Items from the Public not on Agenda

None

Items from Staff

Mr. Price Said that he had been talking with NOAA about getting some Cosco Busan mitigation funding to enhance the eelgrass beds by installing elastic band moorings that would stay off the bottom. He also said that NOAA might help in negotiations with BCDC in order to get the moorings permitted.

The meeting was adjourned at 9:00 PM.

The next meeting is scheduled for May 21st, 2009, at the Sausalito City Hall Council Chambers at 5:30 PM.

Submitted by Bill Price and Ben Berto

RICHARDSON'S BAY REGIONAL AGENCY

HARBOR ADMINISTRATOR'S REPORT WORKING RELATIONSHIPS

May 12, 2009

- Dept. of Boating and Waterways 1) Attended a Senate hearing on the proposal to incorporate DBW into Parks and Rec. 2) Submitted a request for reimbursal to the AWAF program for approx. \$38K in April. An additional \$24K is still available for this fiscal year.
 3) Filed a Grant Request with the AWAF program for \$112,200 for fiscal year 2009-10. RBRA will spend 10% in matching funds (\$10,200.) if the grant is approved. 4) Attended the Abandoned Vessel Advisory Committee in Sacramento to address the vessel turn-in program and expanding funding for the AWAF program.
- **US Coast Guard** In communication with the Navigation Office regarding channel boundaries.
- Sausalito Police Department Assisting with officer training aboard the patrol vessel.
- Corps of Engineers 1) Helped to remove three vessels abandoned at the COE dock.
 2) Engaged in the process of renewing the RBRA license to use the base yard in Sausalito for another 5 10 years.

DEBRIS REMOVAL

- Disposed of 8 vessels as well as 2 skiffs. 4 boats are currently impounded, with two in lien sale process.
- Moved three RBRA moorings inboard from the channel off Schoonmaker Point Marina. In the process of moving two anchored vessels inboard as well to clear the main channel between Pelican and Schoonmaker.

RAPID RESPONSE

• A vessel rescue was attempted in high winds on 4/14, but the vessel was beached on uninhabited shoreline before it could be saved.

WATER QUALITY

- Four additional sign-ups have been added to the list, and MT Head employees are devoting time to getting new participants on-line with sewage pump-out service, and installing the new equipment to make it work. New equipment is being provided to the anchor-outs who don't have working gear, and we have found a supplier of holding tanks that meet our requirements.
- Several meetings with State Water Quality officials, MCSTOPP, EHS, and local sewage
 agencies to clarify the State's expectations regarding the upcoming TMDL requirements and
 local responses. MCSTOPP has agreed to share some of the RBRA's increased testing
 expenses.

OTHER

• Assisted the Marine Mammal Center in examining a dead whale in order to determine the species. They wanted to perform a necropsy if it was a humpback, but it was a grey whale. The whale was towed out to sea by the Army Corps of Engineers.

RICHARDSON'S BAY REGIONAL AGENCY MEMORANDUM

TO: RBRA Board

FROM: Bill Price and Ben Berto

SUBJECT: RBRA TMDL plan response

DATE: May 21, 2009

Background:

The California State Regional Water Quality Control Board (RWQCB) has tasked the Richardson's Bay Regional Agency and other local agencies to develop by June 30, 2009 their individual agency's response to the Regional Board's recently passed TMDL (Total Maximum Daily Load) Plan requirements for Richardson's Bay. The TMDL has assigned to the RBRA and several other local agencies potentially shared water quality-related responsibilities concerning anchored-out vessels, houseboats, and water quality testing (see attached copy of adopted TMDL implementation measures).

Analysis:

RBRA and other local agencies recognize that the TMDL and its implementation requirements are fait accompli (although final action by the Federal Environmental Protection agency is pending as of the date of this report). With that in mind, staff has focusing on developing RBRA's response.

Staff anticipates that the services of the Marin County labs will still be required for continued enterococcus testing, which has been requested by the Water Board. The County lab, however, is unable to perform the multiple tube fecal coliform testing. RBRA will engage an outside contractor for this testing. As an outcome of meetings with the RWQCB staff, RBRA Staff has been able to reduce the number of testing sites in Richardson's Bay (see attached diagram). A number of the previous sites were in such close proximity that they always had duplicative (virtually the same) test results. By reducing and shifting sites, we will save some expenses in the testing budget.

The RWQCB has also made some commitments to assist with testing expenses. We will have to see if this is possible within the framework of their budget next year. As Board members are aware, the reason the RBRA is incurring testing costs at this time is the RWQCB's previous fiscal inability to cover those expenses.

Staff covered the increased testing budget line from \$3K to \$6 in last year's budget in anticipation of the higher costs. Owing to the extended timeframes for the State to actually implement the program, the additional expenses will not be incurred during the current fiscal year. Staff carried over the \$6K cost in the FY '10 budget, since there is a high likelihood that the RWQCB will take action on the RBRA's local response proposal in the next fiscal year, and we would then be responsible for implementation.

Other costs associated with the Plan will involve potential equipment set-up costs for the anchor-out vessels. We anticipate the State Pump-Out Grant will pick up some, if not all, of the costs for holding tank and porta-potty set-up, but they may only pay for the actual operations cost involved in pumping out the vessels. Staff will report on the latest status at the Board meeting.

Staff is actively searching for additional funding sources, including grants, and other local, State, and Federal agency contributions, to assist with the new costs of implementing the TMDL program. Staff is attempting to secure a level of funding that will maintain RBRA's prior budgeted amount for water quality testing.

A multi-agency approach will be needed to satisfy the TMDL's requirements. Staff has met with County of Marin Environmental Health Services (EHS) and Marin County Stormwater Pollution Prevention Program (MCSTOPPP), and received their preliminary agreement to assist in the following shared plan elements:

EHS will test houseboat for sewage conveyance system integrity.

MCSTOPPP will contribute approximately \$4,200 towards RBRA's water quality testing for the testing sites that relate directly to their programs and responsibilities.

Other agency's activities related to RBRA: MCSTOPPP

• Additional storm-water related testing and financial contributions towards testing costs.

RWQCB

- Financial contributions towards testing costs(offered by Water Board staff but regarded as highly unlikely given the State budget crisis)
- Informational/educational materials to be distributed to boaters and houseboat residents

Marina Response

• "neighborhood watch" for both houseboat and recreational marinas, and anchorouts, with a hotline directed to first responders (EHS, RBRA, SASM, Southern Marin Sewage, etc.)

Recommended RBRA Total Maximum Daily Load (TMDL) Local Response

- 100% sewage pump-out compliance for anchor- out vessels
- Increase the frequency of Richardson's Bay water quality testing to twice a year (dry and wet seasons) utilizing the State's multiple tube fecal coliform testing protocols
- Continue the enzyme substrate tests the RBRA has been performing for the last 2 years
- Coordinating with harbormasters to ensure continued 100% compliance with their live-aboard pump-out programs

- Assisting local harbormasters in the development of their own individual Plans as required by the RWQCB
- working directly with three marinas that do not have sewage pump-out facilities; assisting them in achieving State grant funding to install infrastructure
- working with all local marinas to become certified California Clean Marinas
- working with other local agencies (including County Environmental Health Services) to assist in developing a sewer testing program for houseboat marinas
- continued involvement with Gates Cooperative staff to repair and upgrade their system until the Gates realignment project is complete
- Shifting sites to include a broader testing area that is more indicative of water quality in the Bay as a whole, and eliminating duplicative testing sites (see attached diagram)

TMDL potential action areas proposed for minor RBRA involvement include:

- Marina sewer system plan development, inspection, and repair
- Houseboat sewer system plan development, inspection, and repair

Attachments:

- 1. Table 7-4 Trackable implementation measures for Richardson's Bay pathogens TMDL (RWQCB, 07/09/08).
- 2. Revised testing sites diagram

Adopted Basin Plan Amendment

Richardson Bay Pathogens Total Maximum Daily Load (TMDL)

The following sections establish the TMDL for pathogens in Richardson Bay. The numeric targets, load allocations, and implementation plan are designed to support and protect the Bay's designated beneficial uses, water contact recreation and shellfish harvesting. The TMDL includes actions for adaptive implementation to evaluate the effectiveness of implementation actions, monitor progress toward targets, and review the scientific understanding pertaining to pathogens, which may result in modifying the TMDL in the future.

Problem Statement

Richardson Bay is impaired by pathogens. Monitoring results indicate that the Bay exceeds bacteria water quality objectives for shellfish harvesting (e.g., clam, mussel, and oyster harvesting), and water contact recreation (swimming, fishing); Table 3-1). The presence of pathogens is inferred from high concentrations of fecal coliform bacteria, a commonly used indicator of human pathogenic organisms. Therefore, the beneficial uses of shellfish harvesting and recreational water contact are not fully supported.

Sources

Pathogen sources are identified based on elevated coliform bacteria (pathogen indicator) levels downstream or in the vicinity of identified land uses or facilities and from documentation of inadequately treated human waste discharges. If not properly managed, the following source categories have the potential to discharge pathogens to Richardson Bay: sanitary sewer systems, stormwater runoff, houseboats, and vessels.

- High coliform levels detected downstream of storm drains, and the increase in the number of wet season exceedances as compared to the number of dry season exceedances, point to stormwater runoff as a potential pathogen source.
- Documentation of sanitary sewer overflows in Richardson Bay area municipalities suggests that sanitary sewer systems are a potential source of pathogens to the Bay.
- Consistently high coliform levels in houseboat and vessel marinas indicate that houseboat and vessel marinas' failing sewage collection systems are potential sources of pathogens.

Bacteria levels are low at monitoring sites that contain wildlife but are minimally impacted by human activities. This suggests that wildlife may not be a significant, widespread potential source of pathogens in Richardson Bay. Wildlife may be a significant source on an intermittent, localized basis.

Numeric Targets

The numeric targets (desired future long-term conditions) proposed for pathogen indicators in Richardson Bay are presented in Table 7-1.

Table 7-1. Numeric Targets for Richardson Bay ^a		
Beneficial Use	Numeric Target	
Shellfish Harvesting	Median fecal coliform density ^b < 14 (MPN ^c /100 mL) 90^{th} percentile fecal coliform density < 43 (MPN/100 mL)	
Water Contact Recreation	Geometric mean fecal coliform density < 200 90 th percentile fecal coliform density < 400 Geometric mean Enterococci density < 35 CFU ^d /100 mL 90th percentile Enterococci density < 104 CFU/100 mL	

- a. Based on a minimum of five consecutive samples equally spaced over a 30-day period
- b. "Density" refers to the number of bacteria in a given volume of water (U.S. EPA, 1986, 2002, 2003). The term is analogous to "concentration," which refers to the mass of chemical pollutant in a given volume of water. "Bacterial density" and "bacterial concentration" are sometimes used interchangeably.
- c. Most Probable Number (MPN) is a statistical representation of the standard coliform test results.
- d. CFU stands for colony forming unit (e.g., as in number of bacterial colonies)

The bacterial density targets are based on the Basin Plan's shellfish harvesting and water contact recreation water quality objectives for fecal coliform and on U.S. EPA's recommended Enterococci criteria for water contact recreation in salt water.

Total Maximum Daily Load

Table 7-2 shows Richardson Bay's density-based pathogens TMDL, expressed as fecal coliform bacteria concentrations.

Table 7-2. Total maximum daily load for pathogen indicators (fecal coliforms) for Richardson Bay		
Indicator Parameter TMDL		
Fecal coliform	Median ^a < 14 MPN/100 mL 90 th Percentile ^b < 43 MPN/100 mL	
a. Based on a minimum five consecutive samples equally spaced over a 30-day period. b. No more than 10% of total samples during any 30-day period may exceed this number.		

Load Allocations

Density-based fecal coliform allocations for each potential pathogen source category in Richardson Bay are presented in Table 7-3. Each discharger in the Richardson Bay

watershed is responsible for meeting its source category allocation. All potential dischargers are also responsible for complying with applicable waste discharge requirements, or waste discharge prohibitions (Table 4-1, Prohibitions 5, 15, and 18).

All discharges of raw or inadequately treated human waste, including sewage from vessels, are prohibited. All sources of untreated or inadequately treated human waste have an allocation of zero.

Table 7-3. Density-Based Pollutant Wasteload and Load Allocations ^a for Richardson Bay			
Octomoriaal	Wasteload and Load Allocations Fecal Coliform (MPN/100 mL)		
Pollutant Source	Categorical Pollutant Source For Direct Discharges to the Bay		
	Median ^b	90 th Percentile ^c	
Stormwater Runoff ^d	<14	< 43	
Wildlife ^e	<14	< 43	
Sanitary Sewer Systems	0	0	
Houseboats	0	0	
Vessels (Recreational, Live- aboard, Anchor-out Boats)	0	0	

a. These allocations are applicable year-round. b. Based on a minimum of five consecutive samples equally spaced over a 30-day period.

Implementation Plan

The Richardson Bay Pathogens TMDL Implementation Plan builds upon previous and ongoing successful efforts to reduce potential pathogen loads in Richardson Bay and its tributaries. The plan requires actions consistent with the California Water Code (CWC 13000 et seq.), the state's Nonpoint Source Pollution Control Program Plan (CWC Section 13369), the Policy for Implementation and Enforcement of the Nonpoint Source Pollution Control Program, and human waste discharge prohibitions (Table 4-1, Prohibitions 5, 15, and 18).

Table 7-4 lists the required implementation measures for the source categories listed in Table 7-3. These measures include evaluation of operating practices, identification of comprehensive, site-specific pathogens control measures and an associated

c. No more than 10% of total samples during any 30-day period may exceed this number.

d. Wasteload allocation for discharges from municipal separate storm sewer systems (NPDES Permit Nos. CAS000004 and CAS000003).

e. Wildlife is not believed to be a readily controllable source of pathogens; therefore, no management measures are required.

implementation schedule, and submittal of progress reports to the Water Board documenting actions taken.

Table 7-4. Trackable implementation measures for the Richardson Bay pathogens TMDL				
Source Category	Implementing Party	Action	Completion Dates	
Sanitary Sewer Systems	Marin County Sanitary District No. 5, Sewerage Agency of Southern Marin, Tamalpais Community Services District, City of Mill Valley, Homestead Valley Sanitary District, Alto Sanitary District, Almonte Sanitary District, City of Sausalito, Sausalito Marin City Sanitary District, Richardson Bay Sanitary District	Comply with the Statewide General Waste Discharge Requirements for Sanitary Sewer Systems.	As specified in applicable WDR permit	
off		Implement applicable stormwater management plan.	As specified in	
Stormwater Runoff	Marin County, City of Sausalito, City of Mill Valley, City of Tiburon, City of Belvedere, Caltrans	 Update/amend applicable stormwater management plans, as appropriate, to include specific measures to reduce pathogen loading, including additional education and outreach efforts, and installation of additional pet waste receptacles. 	approved stormwater management plan and in	
		Report progress on implementation of pathogen reduction measures to Water Board.	- applicable NPDES permit	

Table 7-4. Trackable implementation measures for the Richardson Bay pathogens TMDL			
Source Category	implementing raity		Completion Dates
Houseboats	RBRA; Marin County; local cities	 Submit to the Executive Officer for approval a plan and schedule for 1) evaluating adequacy and performance of sewage collection systems (onboard sewage systems, pumps, sewer lines, etc.) for all houseboats in Richardson Bay, 2) biennial evaluation of sewage collection system operation and maintenance for all houseboats once they have been repaired/upgraded such that they do not discharge any sewage into the Bay. 	July 2009
	Houseboat marina owners	Conduct evaluation per submitted plan.	July 2010
		3. Report progress on implementation of the plan to Water Board.	Annually
		Submit to the Executive Officer for approval a plan and schedule for 1) repairing/upgrading identified substandard/malfunctioning sewage collection systems (onboard sewage systems, pumps, sewer lines, etc.) such that they do not discharge any sewage into the Bay, 2) long-term operation and maintenance of the systems.	July 2011
		Report progress on implementation of the plan to Water Board.	Annually
	Houseboat owners, houseboat marina owners	Repair/Upgrade identified substandard/malfunctioning sewage collection systems (onboard sewage systems, pumps, sewer lines, etc.) such that they do not discharge any sewage into the Bay.	July 2013
		Operate and maintain sewage collection systems such that they do not discharge any sewage into the Bay.	Ongoing

Source Category	Implementing Party	Action	Completion Dates
	RBRA; Marin County; local cities	1. Submit to the Executive Officer for approval a plan and implementation schedule for 1) evaluating adequacy and performance of sewage collection systems (sewage dump stations, sewage pumpout stations, onboard sewage systems, sewer lines, etc.) for all vessel marinas and vessels with toilet facilities in Richardson Bay, 2) biennial evaluation of sewage collection system operation and maintenance for all vessel marinas and vessels once they have been repaired/upgraded such that they do not discharge any sewage into the Bay.	July 2009
		Conduct evaluation per submitted plan.	July 2010
		3. Report progress on implementation of the plan to Water Board.	Annually
Vessels	Vessel marina owners Vessel owners, vessel marina owners	1. Submit to the Executive Officer for approval a plan and schedule for 1) installing, as needed, an adequate number of sewage pumpout and dump stations. If no new sewage pumpout and dump stations are needed, provide an explanation as why they are not needed, 2) repairing/upgrading identified leaky/malfunctioning sewage collection systems (sewage dump stations, sewage pumpout stations, onboard sewage systems, sewer lines, etc.) such that they do not discharge any sewage into the Bay, 3) long-term operation and maintenance of the systems such that they do not discharge any sewage into the Bay.	July 2011
		Report progress on implementation of the plan to Water Board.	Annually
		Repair/upgrade identified leaky/malfunctioning sewage collection systems (sewage dump stations, sewage pumpout stations, onboard sewage systems, sewer lines, etc.) such that they do not discharge any sewage into the Bay.	July 2013
		Operate and maintain sewage collection systems such that they do not discharge any sewage into the Bay.	Ongoing
		Enroll in RBRA's mobile sewage collection and disposal service for all liveaboards (both anchor-outs and marina-berthed vessels).	July 2010

Regulatory Framework

The state's Policy for Implementation and Enforcement of the Nonpoint Source Pollution Control Program requires that current and proposed nonpoint source discharges be regulated under waste discharge requirements, waivers of waste discharge requirements, Basin Plan discharge prohibitions, or some combination of these tools. Municipal and highway stormwater runoffs are regulated under NPDES permits. Table 7-5 describes the regulatory mechanism by which dischargers in each source category will be regulated.

Table 7-5. Regulatory Framework		
Source Category Regulatory Tool		
Sanitary Sewer Systems	General WDR permit	
Stormwater Runoff	NPDES permit	
Houseboats	Existing prohibition of human waste discharge (Table 4-1, Prohibitions 5 and 15)	
Vessels	Existing prohibition of human waste discharge (Table 4-1, Prohibitions 5, 15, and 18)	

Ongoing Water Quality Monitoring in Richardson Bay

Water quality monitoring will be conducted to assess water quality improvements and obtain additional information for further refinement of the TMDL. The main objectives of the ongoing monitoring program are to:

- Assess attainment of TMDL targets
- Evaluate spatial and temporal water quality trends in the Bay
- Obtain additional information about significant potential pathogen source areas
- Collect sufficient data to prioritize implementation efforts and assess the effectiveness of source control actions

All water quality monitoring (including Quality Assurance and Quality Control procedures) will be performed pursuant to the State Water Board's Quality Assurance Management Plan for the Surface Water Ambient Monitoring Program.

Adaptive Implementation

In 2013, the Water Board will evaluate monitoring results and assess progress toward attaining TMDL targets (Table 7-1) and load allocations (Table 7-3). The Water Board will also evaluate compliance with the trackable implementation measures specified in Table 7-4, as documented by submitted progress reports.

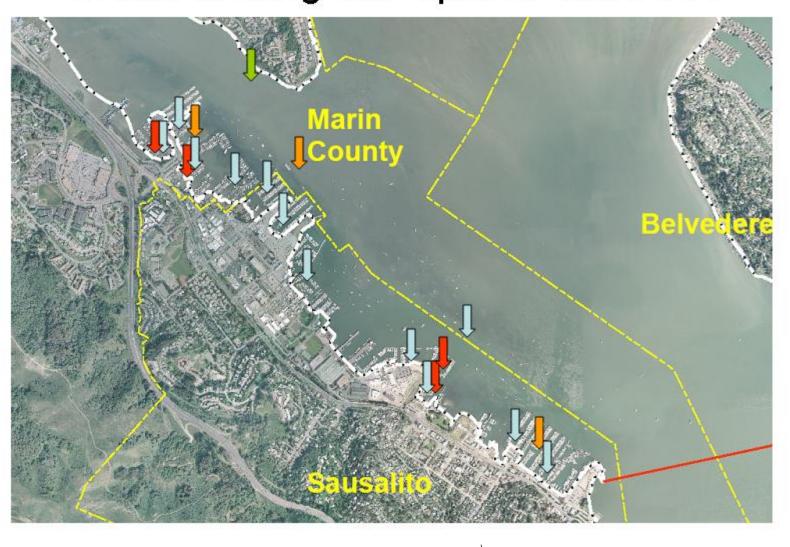
If evaluation and monitoring show that source control actions have been fully implemented throughout the watershed, but the TMDL targets (water quality objectives) are not attained, the Water Board may re-evaluate the attainability/applicability of designated water quality objectives.

The Water Board will review the Richardson Bay Pathogens TMDL and evaluate new and relevant information from monitoring, special studies, and scientific literature. At a minimum, these reviews will aim to find answers to the following questions. Additional questions may be developed in collaboration with stakeholders.

- 1. Is Richardson Bay progressing toward TMDL targets? If progress is unclear, how can monitoring efforts be modified to detect trends? If there has not been adequate progress, how might the implementation actions be modified?
- 2. What are the pollutant contributions for the various source categories? How have these contributions changed over time? How do they vary seasonally? How might source control measures be modified to improve load reduction? If the answers to these questions are not clear, how can monitoring efforts be modified to answer these questions?
- 3. Is there new, reliable, and widely accepted scientific information that suggests modifications to targets, or implementation actions? If so, how should the TMDL be modified?

Modifications to the targets or implementation plan will be incorporated into the Basin Plan via an amendment process.

Water testing site options 03/13/09





RBRA - JANUARY - FEBRUARY 2009 BALANCE SHEET

CATEGORY	ACCOUNT NAME	EXPENDITURES	REVENUE
Revenue fr Use of Property	Mooring rent - Dierk		-150.00
Revenue fr Use of Property	Mooring rent - Moreno		-150.00
Revenue fr Use of Property	Mooring rent - Watson		-300.00
Revenue fr Use of Property	Mooring rent - Magnet Design		-75.00
Revenue fr Use of Property	Mooring rent - Yoakum		-300.00
Revenue - Services	Disposal fees - Sausalito Yacht Club		-1429.46
Revenue - Services	Disposal fees - Dave's Diving		-630.75
State - Grant	AWAF grant reimbursal		-28726.08
State - Grant	DBW Pumpout grant reimbursal		-5655.38
Professional Services	Day labor - Fleshman	425.00	
Professional Services	Dave's diving - Mooring check	125.00	
Professional Services	Dave's diving - Remove moorings (Dines)	690.00	
Professional Services	Parker Dive - Getaway salvage	2647.00	
Professional Services	Parker Dive - Bo E 29 salvage	1200.00	
Professional Services	Dave's diving - Mooring check	125.00	
Prof Svcs - Hazardous Mats	Bay Cities debris box fees	413.00	
Prof Svcs - Hazardous Mats	Bay Cities debris box fees	845.00	
Prof Svcs - Hazardous Mats	Bay Cities debris box fees	1007.00	
Prof Svcs - Hazardous Mats	State Toxic Materials fees	7.50	
Prof Svcs - Legal	Shute,Mihaly&Weinberger contract	2881.50	
Prof Svcs - Legal	Shute, Mihaly & Weinberger contract	2419.25	
Prof Svcs – County Salary	Special Appointment	13706.03	
Comm Services - Broadband	Internet - Earthlink	5.90	
Comm Services - Broadband	Internet - ATT	76.08	
Comm Services - Broadband	Internet - ATT	76.47	
Comm Services - Broadband	Internet - Earthlink	5.90	
Comm Services - Cell Phones	s Mobile phone	69.43	
Comm Services - Cell Phones	s Mobile phone	133.83	
Rent - Equipment Rental	Hertz rental - Backhoe	565.44	
Rent - Equipment Rental	Hertz rental - Backhoe	488.66	
Rent - Equipment Rental	Hertz rental - Cut-off saw	144.36	
Rent - Equipment Rental	Hertz rental - Backhoe	488.66	
Rent - Office Space/Slips	Sausalito Shipyard - slip rental	200.00	
Rent - Office Space/Slips	Sausalito Shipyard - slip rental	200.00	
Rent - Office Space/Slips	Libertyship Way - dry storage	240.00	
Rent - Office Space/Slips	Schonnmaker Point - slip rental	275.00	
Rent - Office Space/Slips	Schonnmaker Point - slip rental	147.50	
Rent - Office Space/Slips	ICB Building - Office rent	420.00	
Rent - Office Space/Slips	Libertyship Way - dry storage	240.00	
Rent - Office Space/Slips	Schonnmaker Point - slip rental	275.00	
Rent - Office Space/Slips	Schonnmaker Point - slip rental	147.50	
Rent - Office Space/Slips	Sausalito Shipyard - slip rental	400.00	
Rent - Office Space/Slips	ICB Building - Office rent	420.00	
Travel - Hotel and Lodging	Harbormaster's Training Conf - hotel	656.00	
Travel - Meals	Anchorage 5 - volunteer lunch	28.62	
Travel - Meals	Crew lunch and water for 3 days	78.46	

Travel - Meals	Harbormaster's Training Conf - SAP fix		-688.00
Travel - Meals	Harbormaster's Training Conf - per diem	34.41	
Travel - Mileage	Mileage to Traing Conf	470.34	
Travel - Parking	Parking	32.00	
Off Supplies - Electronic	External Hard Drive for backup files	121.57	
Off Supplies - Electronic	Best Buy - cellphone ear bud	21.54	
Off Supplies - Electronic	Best Buy - Data CDs	8.65	
Office Supplies - Printing	Office Depot - office supplies	15.45	
Office Supplies - Postage	FedEx kinkos - print services	16.49	
Office Supplies - Postage	FedEx - shipping	10.43	
Office Supplies - Postage	FedEx - shipping	10.93	
Maint & Repair - Equipment	Kekos - new sewage pump for boat	575.25	
Maint & Repair - Equipment	MT Head - contractor	189.91	
Maint & Repair - Equipment	Water Street hardware - hose repair	4.71	
Maint & Repair - Equipment	Port Supply - GPS for boat	809.72	
Maint & Repair - Equipment	Port Supply - boat parts	12.21	
Maint & Repair - Equipment	MT Head - contractor	42.00	
Maint & Repair - Equipment	Credit to Cal Card on GPS purchase		-737.00
Maint & Repair - Equipment	Port Supply - boat parts	87.40	
Maint & Repair - Equipment	Goodman hardware - yard supplies	11.83	
Maint & Repair - Equipment	Port Supply - boat parts	13.13	
Maint & Repair - Equipment	Port Supply - boat parts	25.20	

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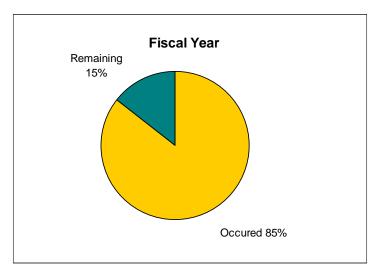
RBRA - MARCH - APRIL 2009 BALANCE SHEET

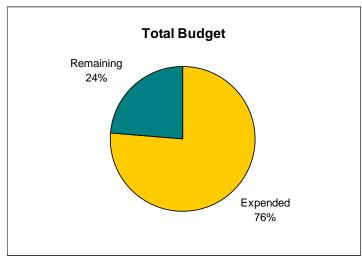
CATEGORY	ACCOUNT NAME	EXPENDITURES	REVENUE
Revenue - Services	Verhalen - boat disposal		-485.00
Revenue - Services	Rogers - slip fees		-200.00
Revenue - Services	White - boat disposal		-500.00
Revenue - Services	Condon - boat disposal		-400.00
Professional Services	Day labor - Fleshman	100.00	
Professional Services	Survey - Wedlock	185.00	
Professional Services	Survey - Wedlock	185.00	
Professional Services	Patch and tow 55' houseboat - Parker	3226.00	
Professional Services	Patch and tow 44' sailboat - Dave's Diving	3000.00	
Professional Services	Survey - Wedlock	185.00	
Professional Services	Marine Lien Sale	140.00	
Professional Services	DMV Transfer fees	210.00	
Professional Services	Survey - Wedlock	185.00	
Professional Services	Demo 44' sailboat - San Rafael YH	4300.00	
Professional Services	Patch and tow 28' sailboat - Dave's Diving	850.00	
Professional Services	Day labor - Fleshman	250.00	
Prof Svcs - Debris removal	Bay Cities Refuse - Debris boxes	1892.00	
Prof Svcs - Debris removal	Bay Cities Refuse - Debris boxes	474.00	
Prof Svcs - Debris removal	San Rafael Recycling Center	30.00	
Prof Svcs - Debris removal	Bay Cities Refuse - Debris boxes	940.00	
Prof Svcs - Legal	County Counsel	1881.25	
Prof Svcs - Legal	Shute, Mihaly & Weinberger contract	2458.20	
Prof Svcs - Legal	Shute,Mihaly&Weinberger contract	1103.00	
Comm Services - Broadband	ATT broadband & fax	77.89	
Comm Services - Broadband	Earthlink	5.90	
Comm Services - Broadband	ATT broadband & fax	77.85	
Comm Services - Broadband	ATT broadband & fax	5.90	
Comm Services - Cell Phones	AT&T MOBILITY	109.36	
Comm Services - Cell Phones	AT&T MOBILITY	124.07	
Rent - Equipment Rent	Hertz backhoe rental	467.07	
Rent - Equipment Rent	Hertz excavator rental	1093.67	
Rent - Equipment Rent	Hertz backhoe rental	370.52	
Rent - Equipment Rent	Hertz tire repair	121.23	
Rent - Equipment Rent	Hertz backhoe rental	344.44	
Rent - Office & Slips	Sauslaito Shipyard slip rentals	200.00	
Rent - Office & Slips	Schoonmaker slip rental	276.76	
Rent - Office & Slips	Schoonmaker slip rental	147.50	
Rent - Office & Slips	Dry Storage Libertyship	240.00	
Rent - Office & Slips	Sausalito Shipyard slip rentals	200.00	
Rent - Office & Slips	Schoonmaker slip rental	276.60	
Rent - Office & Slips	Schoonmaker slip rental	147.50	
Rent - Office & Slips	Dry Storage Libertyship	240.00	
Rent - Office & Slips	Sausalito Shipyard slip rentals	200.00	
Rent - Office & Slips	Office rental - ICB	420.00	
Rent - Office & Slips	Sausalito Shipyard slip rentals	200.00	
Rent - Office & Slips	Sausalito Shipyard slip rentals	200.00	
Rent - Office & Slips	Office rental - ICB	420.00	

Prof Development	CA Harbormaster's dues	275.00	
Travel - Meals	Saylors Landing - crew lunch	26.34	
Office Supplies	Office Depot - office supplies	45.98	
Office Supplies - Postage	USPS	8.40	
Office Supplies - Postage	Fed Ex	9.75	
Maint & Repair Supplies	Ronco tank - holding tanks	129.66	
Maint & Repair Supplies	Royal Petroleum - waste oil drums	275.05	
Maint & Repair Supplies	Munson - boat parts	63.65	
Maint & Repair Supplies	West marine - boat parts	14.51	
Maint & Repair Supplies	Jackson's hardware - tools	38.42	
Maint & Repair Supplies	West marine - boat parts - return		-71.37
Maint & Repair Supplies	Ronco tank - holding tanks	900.00	
Maint & Repair Supplies	West marine - boat parts	22.26	
Maint & Repair Supplies	Radio Shack - batteries & wiring leads	29.41	
Maint & Repair Supplies	Hirshfeld Yacht Repair - water in fuel tank	457.30	
Maint & Repair Supplies	Munson - boat parts	185.90	
Maint & Repair Supplies	MT Head pumpout services	225.00	
Oil & Gas	Rotten Bobbie - fuel for truck rental	30.07	
Oil & Gas	Chevron fuel dock	70.30	

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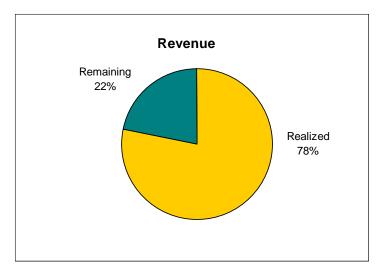
Percent of Budget and Percent of Year as of May 8, 2009





Expenditures vs. Budgeted Expenditures

Expenditures \$251,539 Adopted Budget \$329,073



Realized Revenue vs. Budgeted Revenue

Realized Revenue \$258,014 Budgeted Revenue \$330,627

RICHARDSON'S BAY REGIONAL AGENCY - FY 2009-2010 0% DRAFT BUDGET 052109

EXPENDITURES

BUDGET#	DESCRIPTION	08/09 ADOPTED	08/09 ACTUALS	09/10 PRJCTD	
5210100	PROFESSIONAL SERVICES	\$282,980	\$276,343	\$281,453	AWAF salvage; legal; salary; county management
5210500	INSURANCE PREMIUMS	\$14,500	\$13,297	\$13,500	
5210700	COMMUNICATION	\$1,600	\$1,577	\$1,600	phone, fax, internet, mobile
5211200	RENTAL & OPER. LEASES	\$23,000	\$26,485	\$23,000	Office; slips & dry storage; equipment rental
5211300	PROF. DEVEL. EXPENSES	\$600	\$618	\$600	professional associations
5211400	TRAVEL & MEETINGS	\$2,300	\$1,472	\$2,000	Harbormaster's Conference, mileage
5211520	PUBLICATION	\$1,500	\$85	\$1,000	Legal ads
5220100	OFFICE EXPENSES	\$500	\$601	\$650	
5220200	MAINT. & REPAIR - EQUIP	\$2,500	\$7,151	\$3,500	Patrol Boat maintenance; moorings & buoys
5482045	VEHICLES OIL & GAS	\$0	\$463	\$500	
		\$329,480	\$328,092	\$327,803	

PROFES:	PROFESSIONAL. SERVICES BREAKOUT							
	MOORING WORK PROGRAM	\$30,000	\$12,000	\$12,000	Outside legal consulting			
	LEGAL	\$6,000	\$6,518	\$7,000	County Counsel			
	RAPID RESPONSE PROGRAM	\$14,000	\$10,000	\$10,000				
	LAB SERVICES	\$6,000	\$3,000	\$6,000	TMDL testing w/ @\$4200 MCCSTOPP contribution			
	SPECIAL APPOINTMENT	\$118,329	\$119,735	\$123,453	Estimate incl. 3% COLA			
	PROFESSIONAL SERVICES	\$91,651	\$90,090	\$90,000	AWAF salvage			
	CDA ADMIN	\$13,000	\$31,000	\$31,000	CDA administrative expenses 13K, Clerk expenses 18K			
	WEBSITE DEV & ADMIN	\$4,000	\$4,000	\$2,000	updates and maintenance			
		\$282,980	\$276,343	\$281,453				

REVENUES

	Beginning Balance	08/09 PRJCTD	YTD RCVD 3/4/09	09/10 PRJCTD	
4410125	INTEREST POOLED INVST	\$1,000	\$2,560	\$1,000	
4410225	SLIP RENTALS	\$2,500	\$3,450	\$3,000	mooring rentals
4410410	OTHER SALES & SERVICES	\$5,000	\$5,914	\$5,000	misc. reimbursement, disposal chargeback
4530527	INTERGOVT REVS - STATE	\$112,000	\$90,000	\$112,000	AWAF reimb. 92 K, pump out reimb. 20 K
4640322	INTERGOVT REVS - LOCAL	\$207,627	\$207,626	\$207,626	RBRA Member Dues
			_		
		\$328,127	\$309,550	\$328,626	

RICHARDSON'S BAY REGIONAL AGENCY

May 21, 2009

The Honorable Arnold Schwarzenegger, Governor State of California State Capitol Sacramento, CA 95814

SUBJECT: POSSSIBLE ELIMINATION OF THE CALIFORNIA DEPARTMENT OF BOATING AND WATERWAYS

Dear Governor Schwarzenegger:

The Richardson's Bay Regional Agency (RBRA) is a joint powers agency comprised of the City of Belvedere, the County of Marin, the City of Mill Valley, the City of Sausalito, and the Town of Tiburon. The Board of the RBRA is writing to you in response to information that the State of California is considering eliminating the State Department of Boating and Waterways (DBW) as an independent State agency. The RBRA is requesting in the strongest possible terms that any attempt to eliminate DBW be terminated. DBW is a critically important independent State agency and partner to the RBRA for the following reasons:

- User tax and fee supported, no State General Fund expenditures are required
- Central to water safety efforts
- Key component of thriving \$250,000,000/year boating industry in State
- Supports many RBRA programs and activities, including:
 - o Patrol boat financing
 - o Sewage pumpout boat financing
 - o Grants for derelict vessel removal
 - o Grants for pumpout stations at area marinas
- Grants for Marin County sheriff patrol boat

DBW's positive, ongoing program interactions with RBRA are key to continuing to perform our agency's mission and programs. We respectfully urge you to keep the State Department of Boating and Waterways intact.

Sincerely,

The Board of the Richardson Bay Regional Agency

Charles McGlashan Chair, Richardson Bay Regional Agency Supervisor Third District County of Marin

Ken Wachtel Councilmember City of Mill Valley

Jerry Butler Councilmember City of Belvedere

Jonathan Leone Mayor City of Sausalito

Richard Collins Councilmember Town of Tiburon

CC: State Department of Boating and Waterways