

RICHARDSON'S BAY REGIONAL AGENCY

Thursday, September 17, 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 July 16, 2009 Meeting
2. Review report of Harbor Administrator
3. Approval of prior expenditures for July and August 2009
4. TMDL Plan Discussion
 - a. Approval of Implementation Plan revisions
5. Public comments invited concerning items NOT on this Agenda (3-minute limit)
6. Staff comments
7. Board member matters

Adjourn. **NEXT MEETING:** Tentatively planned for November 19, 2009. 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

RICHARDSON'S BAY REGIONAL AGENCY

MEMORANDUM

September 9, 2009

TO: RBRA Board

FROM: Ben Berto, RBRA Clerk

SUBJECT: September meeting

Board members:

This meeting's agenda promises to be fairly light. Farhad Ghodrati of the State Regional Water Quality Control Board (RWQCB) has responded to RBRA's TMDL Implementation Plan (see attached). Overall, his remarks were supportive, with a few suggested edits and some additional information requested. Staff has responded to these comments in the TMDL agenda item.

Although not all Board members have not specifically confirmed their attendance, the responses to the pending meeting notice are taken as evidence of intended attendance. Please let me know asap if this is not the case.

RBRA has received its dues contribution from all member jurisdictions – thank you all. Per Board request, we have included a brief summary of end-of-the-year invoices that were billed against the last fiscal year's budget. Bill and I have gently urged the tardy invoicers to submit their invoices in a timely fashion, and have already seen a formerly end-of-year bill arrive for this fiscal year's services.

Staff wanted to bring to the Board's attention some visitor results from RBRA's website. As can be seen from the attached printouts of site visit activities, there were close to 900 site visits in August, averaging 5 minutes per visit. One can begin to see how programs, etc., could be informed by such data - neat stuff.

On the subject of the mooring program, BCDC staff has not brought any options to RBRA staff on this subject. Staff considers further mooring program activity on the back burner until/unless BCDC and RBRA can come up with a mutually agreeable program approach.

Assembly Bill 166 unanimously passed its third reading in both the State Assembly and Senate. The third reading and vote in the Senate occurred on Friday 9/4. The next step is on to the Governor's desk for signing. AB 166 as outlined at the last meeting would eliminate the current significant financial disincentive against boat owners turning their vessels in to a responsible disposal agency such as RBRA. Staff will keep the Board informed as to any progress.

See you next Thursday.

RICHARDSON'S BAY REGIONAL AGENCY
MINUTES OF JULY 16, 2009
HELD AT SAUSALITO CITY HALL CHAMBERS

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

ABSENT: Jonathan Leone (Sausalito) – excused

STAFF: Bill Price (Harbor Administrator); Ben Berto (RBRA Clerk)

Meeting called to order at 5:30 PM

Minutes of May 21, 2009 Meeting

Minutes were approved unanimously with minor spelling changes.

Review report of Harbor Administrator

The Harbor Administrator spoke about AB 166, which is the Vessel Turn-in Bill, and was asked by Member Butler if it would affect our funding. Mr. Price explained that the upper limit of the original AWAFF grant would have to be disbursed in order for the program funds to be disbursed, and that he had been assured by State Boating and Waterways that they would go after increasing the AWAFF fund once the Bill was signed.

At this point the discussion shifted toward the Strategic Plan as Chair McGlashan described the June 4th Meeting with BCDC. He relayed that at the meeting, Will Travis, director of BCDC, had been very unsupportive of RBRA's Mooring Plan. Despite our best efforts, the Chair felt the program was dead in the water. Chair McGlashan felt that without a solid partnership with BCDC, there would be no point in spending more money in pursuit of an unattainable goal, or going to State Lands or other permitting agencies. Member Wachtel asked if we had tried to approach it as a recreational mooring field and Chair McGlashan explained that the recreational /residential plan that had been developed was formulated since there was no other reasonable solution for dealing with the anchor-outs. There was an illusion that the Sheriff could run them off the water, if it was that easy to fix it would have been accomplished years ago during Supervisor Aramburu's term. Member Butler said that he had met with BCDC staff informally, and he had explained to them that by denying the anchor-outs good anchors we were endangering their lives. Chair McGlashan stated that the only path toward a mooring field was through a partnership with the BCDC, and that his interest in preserving a way of life was in direct conflict with BCDC's Director Will Travis. He said it was bad public policy to remove anchor-outs and that the BCDC was policy-blocked against long-term live-aboard use.

Member Butler suggested that a member of the Board should investigate alternatives and Chair McGlashan asked if an ad hoc committee would be an option. Mr. Berto recommended that a conservative interpretation of the Brown Act should allow it as long as it was a public meeting with an agenda and minutes. Chair McGlashan asked if Mr.

Berto could solicit ideas from individual Board members, and he asked the members to email Mr. Berto with ideas.

Mickey Davis asked if moorings could be put on Federal property and Mr. Price responded that a BCDC permit would always be required. Mark Jones said that US Coast Guard only patrols the main channel and that the responsibility for the anchorage had been deeded over to local authorities. Bob Mitchell reiterated his claim that Staff had declared the intention of a mooring field of 200 moorings at a WAM meeting in 2008. He also complained about the lack of noticing for the July RRBA Meeting. Lewis Shireman said that he had been at the WAM meeting in question and did not hear a specific number of moorings being mentioned. Mr. Berto explained that the City of Sausalito's spam filter had not allowed the RBRA files to be read, and that the library and website had ample notice of the meeting. He also stated that the RBRA had been focused on an average number of 100 moorings for some time and that this would almost certainly be the approximate number for all future discussions.

Approval of TMDL Plan

Chair McGlashan gave a brief explanation of the TMDL plan requirements for achieving water quality improvements in Richardson's Bay. Mr. Berto began his presentation by giving the Board a suggested edit by MCSTOPPP and explaining their financial role in the testing program. He pointed out the RBRA's punch list approach, and said that we planned to continue our historical testing for Enterococcus in addition to the RWQCB required 2 season multiple tube testing regimen for Fecal coliform. He also mentioned as a side-note that while the Regional Water Quality Control Board has adopted the TMDL Plan, neither the State nor the federal EPA had adopted it, and they were not expected to do so until early 2010. This means that all tasks in our timeline may be pushed out awaiting final approval. He had also been in meetings with Becky Ng at Marin County Environmental Health Services and she is putting an approach together at this time for the Water Board. He then asked the Board for approval of the Plan.

Member Wachtel asked if the new testing sites were properly located and Mr. Berto responded that they were set up to indicate storm water issues in marinas and historical shellfish bed locations. Lewis Shireman asked that we make sure that we use Waldo Point Reconfiguration Project instead of Gates Master Marina Program in the TMDL. Louis Tenwinkle asked that we look at storm drains, especially in Mill Valley, and he wanted to know if we had the ability to board. Mark Jones asked if we tested each "fish drain" (storm drain?). Kevin Kiffer said that signs posting sewage spills were never removed. Richard Marshall said the RBRA should provide showers and said he had acquired a bacterial infection from dipping his arm in the water.

Chair McGlashan said that RBRA had been working on a shower but that it was up to the City of Sausalito to finalize it. Mark Jones stated that a shower could be installed at Marinship Park within the existing restroom facility.

The TMDL was passed unanimously.

Approval of Letter to State Concerning AB 166

Mr. Berto explained the need for the Vessel Turn-In Program as a good idea for affected boaters, and felt it deserved Board support. Member Wachtel asked if Staff felt that boaters would bring boats from around the Bay for disposal. Mr. Price said that the RBRA is already getting boats from around the bay that are dropped off in the middle of the night, and it would be better to have a mechanism and a funding source to deal with them.

The letter was unanimously approved for signature.

Public comments invited concerning items NOT on this Agenda (3-minute limit)

Peter Moorhead asked that an accounting of the funds spent on consulting for the Strategic Plan be entered into the record. He also stated that the letter to the RBRA from the State Lands Commission was a mandate for the RBRA. He asked the Board to look at mooring fields up and down the coast as working examples, and he felt it was a matter of intent and will to achieve a successful non-liveaboard mooring field. He asked Staff to report exact locations of boats disposed of with AWAFF funds. Bob Mitchell stated that unless a meeting was properly noticed it was not a valid meeting. He asked that any future maps be printed with crosshatching so that the legend would remain consistent if printed in black and white, and he asked that the Staff report be numbered correctly. Louis Tenwinkle said that the police were taking freedoms away from the anchorage. Kevin Kiffer said that he was boarded by the Sheriff without permission, which violated his personal sovereignty. He also said that the meetings were invalid since they were not posted properly and held within the high water mark in Sausalito.

Board Member Matters

Chair McGlashan disagreed with the prior speaker's analysis and stated that according to JPA rules, meetings could be held anywhere within the member jurisdiction. Sausalito was chosen for most meetings due to the convenience for the constituents. Member Butler asked Staff do whatever it took to ensure that future meeting notices would not be lost in computer spam files or misplaced in any way, and to make certain that the meeting notice was posted in advance of the actual meeting. Member Wachtel wished Chair McGlashan a happy birthday.

Mr. Price reiterated the progress of AB 166, the Vessel Turn-in Program, and its importance as far as getting derelicts off of the water before they turn into public nightmares.

The meeting was adjourned at 7:15 PM

NOTE: The next meeting of the RBRA is scheduled for **September 17, 2009 at 5:30 PM** at the Sausalito City Hall Chambers.

RICHARDSON'S BAY REGIONAL AGENCY

HARBOR ADMINISTRATOR'S REPORT WORKING RELATIONSHIPS

September 10, 2009

- **Dept. of Boating and Waterways** – 1) The RBRA spent down the entire amount of our 2008/09 grant, which allows us to continue applying for these essential grant funds. 2) The RBRA's fiscal year 2009-10 AWAFF Grant Request for \$112,200 is already designated and is pending approval of an Exemption from the State's Department of Finance. This Exemption process relates to additional State oversight and affects all programs and contracts statewide.
- **US Coast Guard** – 1) Attending all meetings of the Abandoned Vessel group that the Coast Guard sponsors. 2) Provided limited assistance to the Petty Officer in charge of the sunken tugboat "Wenonah" at Treasure Island.
- **Sausalito Police Department** – Assisting with clearing downtown dock areas of abandoned and derelict vessels. Impounds will be stored at the facility to avoid storage fees.
- **Corps of Engineers** – The RBRA license to use the Base Yard facility in Sausalito has been renewed for another 10 years, which allows the RBRA to continue its use of the waterside ramp and debris facility.
- **Marin County Sheriff** – Assisting the Water Patrol Unit with impounding and storage of unregistered vessels.

DEBRIS REMOVAL

- Disposed of 7 vessels as well as 2 skiffs. 3 boats are currently impounded.

RAPID RESPONSE

- Two vessels, a dock section and a large buoy were retrieved from West Shore Road, Belvedere
- A dead seal was removed from the downtown area in Tiburon.

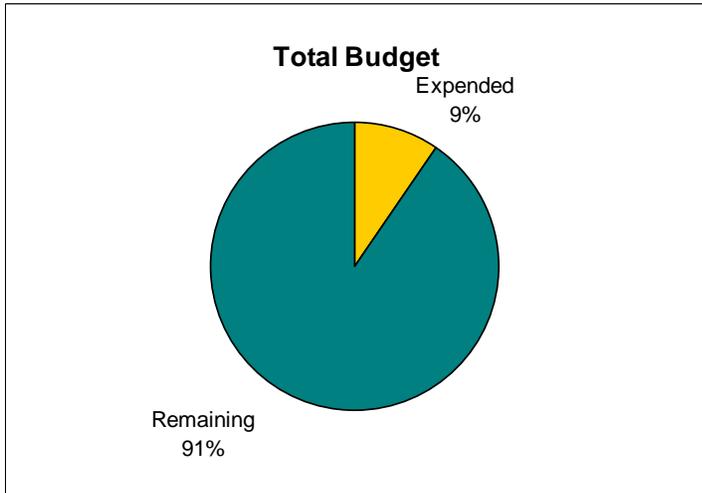
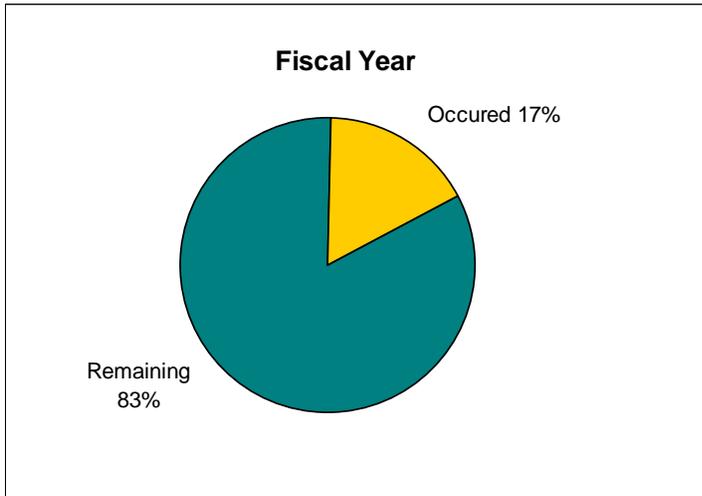
WATER QUALITY

- 1) Three new 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. 2) Working on re-fitting the "Waste Aweigh" with updated fendering and electronics.
- Prepping for annual testing, which involves a new wet weather battery of tests to be conducted in February 2010. Test sites are being fine-tuned to reflect storm-drain locations within marinas. Testing begins September 22nd and runs through October 20th.
- Conducting random tests on local marina sewage pump-out systems to ensure that they are working properly. Also, meeting with local harbormasters and assisting them with grant paperwork to pay for installation of new dockside pump-out systems.

OTHER

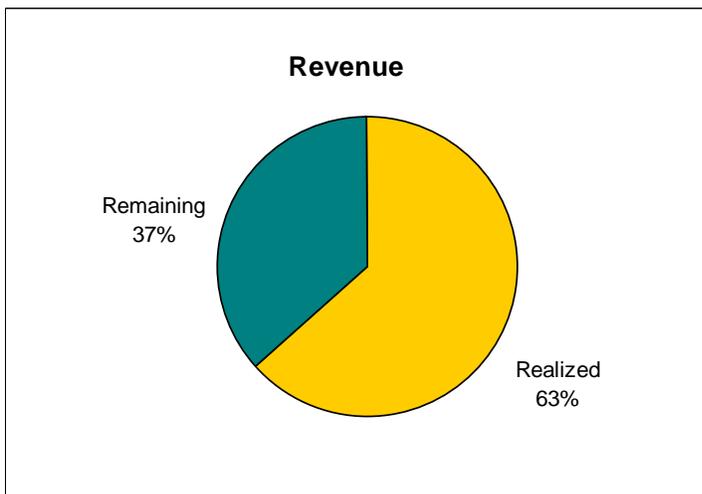
- Acted as a reviewer for the Clean Marinas California inspection at Glen Cove Marina in Benicia. A representative for Sausalito Yacht Harbor attended the review and has requested that the RBRA mentor him as he prepares for their review later this year.

Percent of Budget and Percent of Year as of September 1, 2009



Expenditures vs. Budgeted Expenditures

Expenditures	\$ 30,877
Adopted Budget	\$328,626



Realized Revenue vs. Budgeted Revenue

Realized Revenue	\$207,995
Budgeted Revenue	\$328,870

RBRA FY 2010 - JULY - SEPT 2009 BALANCE SHEET

TYPE	ACCOUNT NAME	EXPENSES	REVENUE
Bldgs & Grounds Rent	MOORING RENTAL - GRIMMER		-150.00
Sales and Services	REIMBURSAL FOR EXPENSES - ENZER		-220.00
City Contribution	CO OF MARIN MEMBER DUES		-88,241.00
City Contribution	BELVEDERE MEMBER DUES		-15,572.00
City Contribution	SAUSALITO MEMBER DUES		-72,669.00
City Contribution	MILL VALLEY MEMBER DUES		-10,381.00
City Contribution	TIBURON MEMBER DUES		-20,762.00
Prof Svcs - Other	MARINE SURVEY - WEDLOCK	185.00	
Prof Svcs - Other	MARINE SURVEY - WEDLOCK	185.00	
Prof Svcs - Other	MARINE SURVEY - WEDLOCK	185.00	
Prof Svcs - Other	DAY LABOR - FLESHMAN	200.00	
Prof Svcs - Other	PARKER DIVING - REFLOAT VESSEL	3,800.00	
Prof Svcs - Other	DIEGO TRUCK TOWING	430.00	
Prof Svcs - Other	DAY LABOR - FLESHMAN	325.00	
Prof Svcs - Other	WEBSITE UPDATE - ALEXANDER	260.00	
Prof Svcs - Other	COUNTY OF MARIN-WEBSITE LINK	160.00	
Prof Svcs - Other	SALVAGE - DIAMOND	500.00	
HazMat Clean Up	BAY CITIES REFUSE - DEBRIS	1,003.00	
HazMat Clean Up	BAY CITIES REFUSE - DEBRIS	1,567.00	
Prof Svcs - Legal	CO OF MARIN - LEGAL FEES	1,067.80	
Prof Svcs - Legal	SHUTE MIHALY & WEINBERGER LLP	219.75	
ProfServ-CntySalRe	SALARY	9,369.31	
Ins - Gen Liability	MARIN - RISK MGMNT - VESSEL COVERAGE	456.00	
Com Srvc - Broadband	INTERNET AND FAX	77.76	
Com Srvc - Broadband	EARTHLINK ACCOUNT	5.90	
Com Srvc - Cell Phon	AT&T MOBILE PHONE	71.34	
Rent - Equip Rental	HERTZ EQUIPMENT - BACKHOE	515.85	
Rent - Equip Rental	HERTZ EQUIPMENT - BACKHOE	592.76	
Rent - Off Space	LIBERTY SHIP WAY DRY STORAGE	240.00	
Rent - Off Space	SCHOONMAKER POINT SLIP RENT	147.50	
Rent - Off Space	ICB ASSOCIATES - OFFICE RENT	420.00	
Rent - Off Space	SAUSALITO SHIPYARD - SLIP RENT	200.00	
Rent - Off Space	SAUSALITO SHIPYARD - SLIP RENT	200.00	
Rent - Off Space	SAUSALITO SHIPYARD - SLIP RENT	200.00	
Rent - Off Space	SCHOONMAKER POINT SLIP RENT	276.91	
Rent - Off Space	ICB ASSOCIATES - OFFICE RENT	420.00	
Rent - Off Space	LIBERTY SHIP WAY DRY STORAGE	240.00	
Rent - Off Space	SCHOONMAKER POINT SLIP RENT	276.12	
Rent - Off Space	SCHOONMAKER POINT SLIP RENT	147.50	
Rent - Off Space	SAUSALITO SHIPYARD - SLIP RENT	210.00	
Rent - Off Space	SAUSALITO SHIPYARD - SLIP RENT	210.00	
Rent - Off Space	SAUSALITO SHIPYARD - SLIP RENT	210.00	
Conferences	HORBORMASTER'S CONFERENCE	280.00	
Postage	FED EX	9.80	
Postage	FED EX	12.65	
Oth Maintenance	GOODMAN BLDG SUPPLIES - GLOVES	12.06	
Oth Maintenance	TRANSBAY LOCKS - BOAT KEYS	17.30	
TOTAL		24,906.31	-207,995.00

END OF YEAR ACCOUNTING INFO - 6/30/2009

Int on Pooled Invst	Int on Pooled Invst	(137.06)
Sales and Services	Vessel Fees - Enzer	(1,630.00)
Sales and Services	vessel disposal fees	(500.00)
State - Grant	AWAF Grant fund reimbursal	(27,795.03)
	revenue total	(30,062.09)

Professional Svcs	CDA - Exec. Admin oversight - Berto	18,000.00
Professional Svcs	Website creative services - v. Lo	2,499.94
Professional Svcs	CDA - Admin. Services - Suhrke, Allee, etc	10,000.00
Prof Svcs - Other	Dave's Diving - Rapid Response	550.00
Prof Svcs - Other	EHS - Lab Fees Nov 2008	2,850.00
HazMat Clean Up	Marin resource recovery center	60.00
ProfServ-CntySalRe	HM Salary	13,906.78
ProfServ-CntySalRe	HM salary	99.18
Com Svcs - Broadband	Internet and fax line	77.85
Com Svcs - Broadband	earthlink line	5.90
Com Svcs - Cell Phon	mobile phone reimburse	(154.47)
Com Svcs - Cell Phon	mobile phone	0.94
Com Svcs - Cell Phon	mobile phone	67.02
Com Svcs - Cell Phon	mobile phone	64.41
Trav-Meals	Harbormaster's Assoc. Board Mtg	23.00
Trav-Meals	Saylor's - crew lunch	19.35
Trav-Meals	parking - BCDC mtg	30.00
Trav-Meals	Parking - Sacto senate hearing	10.50
Trav-Meals	Peets coffee - harbormasters meeting	32.00
Trav - Mileage	Harbormaster's Assoc. Board Mtg	133.10
Postage	fed ex copy charges	23.32
Oth Maintenance	CVS Pharmacy - first aid supplies	35.49
Oth Maintenance	West Marine - boat supplies	13.94
Oth Maintenance	Goodmans - work supplies	23.91
Oil & Gas	Fuel - work boat	97.83
	expenditure total	48,469.99

	End of year balance	18,253.43
Fund Balance Transfer	Transfer Auth. By Board	(20,000.00)
		(1,746.57)

RICHARDSON'S BAY REGIONAL AGENCY

To: RBRA Board
From: Ben Berto
Date: September 9, 2009
Re: RWQCB comments on RBRA TMDL local response

Farhad Ghodrati of the Regional Water Quality Control Board (RWQCB) has responded to the Total Maximum Daily Load (TMDL) Implementation Plan that the RBRA Board approved at their July meeting (see attached RBRA Implementation Plan and RWQCB comments). RBRA was required to develop an Implementation Plan by the TMDL, to demonstrate a local response covering the mandatory local response items identified in the TMDL.

The Implementation Plan identified RBRA's proposed activities for achieving TMDL water quality objectives at an appropriate level for an agency that is still developing program details. Staff will respond to the individual comments below. Staff notes items that it recommends the Board include in an amended TMDL (local) Implementation Plan (attached):

Water Quality testing.

1. It is suggested that the RBRA does not need to conduct Total Coliform tests, insofar as the Fecal Coliform testing to be performed by the State will be adequate. The problem is the ongoing uncertainty associated with what testing RWQCB is or is not going to do. The State continues to go in and out of fiscal crises, which in turn directly impact whether the State can afford to do any testing at all. RBRA has in the past been interested in tracking water quality on an ongoing basis, and the TMDL only underscores this need (requirement). Currently RBRA conducts enzyme substrate tests for Enterococcus, Total Coliform, and E. Coli.

The additional expense associated with multiple-tube Fecal coliform testing required by the TMDL is being underwritten by the State (RWQCB) at this point. RBRA was able to integrate the additional expense of TMDL-mandated wintertime testing into this year's budget. If the State's or RBRA's budget situation worsens, it may be worthwhile to reopen the discussion about what tests are necessary. For now, Staff recommends RBRA continue to perform the our current battery of water quality tests, including the wintertime testing.

2. It was pointed out that the Local Response does not list the E. coli testing that RBRA has and is currently performing. Staff recommends listing the E. coli test.

3. Mr. Ghodrati notes that the State is willing to accept 14 tests sites. Staff had provisionally included three optional testing sites (for a total of 16 sites). Given that Staff (and the Board) were willing to test 16 sites, but the State believes two sites could be eliminated, Staff recommends working out testing locations and numbers directly with Mr. Ghodrati.

It is worth noting that Mr. Ghodrati also makes mention of Audubon's testing (or lack) as potentially affecting how many tests sites could be necessary for RBRA. Given the near complete lack of vessel-related potential sewage sources in the Audubon area, Staff hopes that questions and information requests about whether and what level of bacteria emanate from either the g.i. tract of shorebirds or shore-based outfall pipes would be best referred to parties directly involved with such matters.

4. The testing timeline clarifications suggested by Mr. Ghodrati do not appear to be of much concern either way. If in RWQCB's opinion it would help to relabel the timelines to include specific months, so be it.

Anchor-out vessels.

5. The question was asked whether pumpout assistance for anchor-out vessels would be in perpetuity or just for the life of the grant. Staff considers this an issue that would be addressed if/when grant funds run out (estimated to be a minimum of 5 years).

Marinas/anchorouts

6. Staff recommends listing mandatory pumpout requirements for live-aboards in all recreational (non-houseboat) marinas.
7. Staff will provide a complete listing to RWQCB of marinas as part of RBRA's local implementation.
8. The three marinas that do not have pump-out facilities are in the process of applying for State grant funding to install such facilities. Staff will add language to that effect in the amended Implementation Plan.
9. The ultimate intention of the TMDL implementation plan in this area is for marina owners to submit a plan for any needed sewage system installations, repairs, and/or upgrades. In order for them to complete such a plan, the adequacy and performance of their sewage systems will first be evaluated by RBRA, in cooperation with marina owners.

Multi-agency response

10. RBRA has taken some pains to enlist the assistance of MCSTOPPP in underwriting testing expenses. Comments above about the uncertainty of State funding apply in this instance as well. Per the above comments about

specifying timing, Staff recommends also changing the timing language in this section.

Conclusion: Staff is hopeful that with these minor amendments to RBRA's Local Implementation Plan, our agency will be the first(?) to have its local program approved by Regional Water.

- Attachments:
1. Memo and Implementation Plan markups, Farhad Ghodrati, 8/16/09
 2. RBRA TMDL Implementation Plan, 7/16/09
 3. RBRA amended TMDL Local Implementation Plan, 9/09/09

From: Farhad Ghodrati [FGhodrati@waterboards.ca.gov]
Sent: Thursday, August 27, 2009 3:24 PM
To: Berto, Benjamin
Cc: Price, Bill; Susan Gladstone
Subject: RE: Richardson Bay TMDL Requirements for RBRA

Attachments: RBRA Implementation Plan Comments.doc

Hi Ben,

Here are my comments on RBRA's TMDL implementation plan. I have inserted them within the text, using track changes. Over all the plan looks pretty good. I would say the main missing elements are:

1. addressing inspection/evaluation of vessels/marinas; and, 2. including some reportable mile stones to track implementation progress.

Please take a look and get back to me so we can finalize the plan.

We look forward to working with RBRA to get this plan implemented.

Farhad

P.S. FYI, I will be on vacation from 9/3 through 9/21.

>>> "Berto, Benjamin" <BBerto@co.marin.ca.us> 7/29/2009 5:01 PM >>>
Farhad

Attached is RBRA's TMDL Implementation Plan which the RBRA Board approved on July 16. Let me know if you have any questions. I'd also be interested in getting a copy of any other agency's implementation plans for the Richardson's Bay TMDL.

Ben

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

RICHARDSON'S BAY REGIONAL AGENCY

TMDL Implementation Plan

July 16, 2009

Background:

The California Regional Water Quality Control Board – San Francisco Bay Region (RWQCB) has tasked the Richardson's Bay Regional Agency (RBRA) with developing a response to the RWQCB's recently passed TMDL (Total Maximum Daily Load) Plan requirements for achieving water quality improvements in Richardson's Bay. The TMDL has assigned to the RBRA and several other local agencies water quality improvement-related responsibilities concerning anchored-out vessels, houseboats, marinas, and water quality testing. This document is RBRA's Implementation Plan.

Purpose:

The purpose of RBRA's TMDL Implementation Plan is to set forth RBRA program activities and timing consistent with RWQCB TMDL implementation measures, in furtherance of achieving compliance with the TMDL overall water quality objectives for Richardson's Bay. RBRA's program responsibilities for multi-agency program activities are limited to those identified in this Plan as being performed by the RBRA.

RBRA Implementation Plan Response:

Commencing with adoption of this local Implementation Plan, and in full effect after the State Water Quality Control Board and USEPA adopt the final Basin Plan Amendment (anticipated for late 2009), RBRA will implement the following:

Water Quality Testing

The RBRA will conduct water quality testing for Fecal Coliform, ~~Total Coliform~~, [no need to include both total and fecal coliform; testing for fecal coliform would be adequate.] Enterococcus, and E. Coli. Water testing protocols will be multiple tube for Fecal Coliform and ~~Total Coliform~~, and enzyme substrate for Enterococcus and ~~Total Coliform~~ E.coli. A total of ~~16~~ 14 sites will be sampled and tested [at our last water quality monitoring meeting in late January, we decided to monitor 14 sampling stations on the Sausalito side of the Bay. If the Audubon Society does not do any monitoring on their side of the Bay as they have tentatively proposed to, then we may need to add a few more stations to this monitoring plan. However, for the time being we can plan on testing ~14 stations.]. Tests will be performed on samples taken at each of the test sites at weekly intervals for five (5) consecutive weeks. The five-week sample and test series will be conducted once during the dry season and once during the winter, for a total of 10 tests at each of the test sites. The test results will be reported to the RBRA, MCSTOPPP, and the RWQCB.

Timeline: Dry season testing in ~~Fall~~ late summer (August-September) 2009, and wet season testing in ~~late~~-winter (January-March) 2010.

Anchor-Out Vessels

RBRA will pursue 100% participation in the MT Head pump-out program for live-aboard anchorout vessels, and will assist live-aboard vessel owners in obtaining marine sanitation devices (msd's) with holding tanks, to be used in conjunction with the pump-out program. State Pump-Out Grant assistance will be utilized to pay operating costs for pumping out the vessels [would this be in perpetuity or just for the life of the grant] and may pick up some, if not all, of the costs for setting up vessels with msd's and holding tanks. Timeline: Initial implementation immediately, full compliance by winter 2010

Marina/Anchorouts

Marina owners/operators, houseboat owners, and anchorouts will implement a "neighborhood watch" for sewage spills for both houseboat and recreational marinas, and anchorouts, with a hotline directed to first responders (EHS, RBRA, SASM, Southern Marin Sewage, etc.). Timeline: Winter 2010

Harbormasters will coordinate with RBRA to ensure 100% compliance with their pump-out programs for live-aboards. [Do all marinas have a mandatory pump-out requirement/program for the live-aboard vessels in their marinas? If not, perhaps the first line of action should be to make sure that all marinas have such requirement/program.] Timeline: Winter 2010

RBRA will work directly with the three marinas that do not have sewage pump-out facilities to assist them in achieving State grant funding to install infrastructure. [Please provide an up-to-date list of all the marinas in Richardson Bay along with the number of their existing pump-out facilities. According to the marina survey conducted by the Department of Boating in 2004, the following marinas need to install a sewage pump-out facility: Arques Shipyard, Cass Marina, Pelican Harbor, Sausalito Marina. Also, the survey report states that it is unknown whether Sausalito Yacht Harbor has any pump-out facility or not but recommends that it have at least two such facilities.] Timeline: Marina operators to submit grant applications by July 2010

RBRA will work with all local marinas to assist their becoming certified California Clean Marinas. Timeline: Ongoing, certification goal July 2011

RBRA will continue to work with Gates Cooperative marina to repair and upgrade their system until the Waldo Point Harbor reconfiguration project is complete. Timeline: Ongoing until project completion

RBRA will work with local marinas to facilitate their development and activation of implementation measures required in the TMDL. [What does RBRA exactly intends to do here? In regards to the "Vessels" source category, the ultimate intention of the TMDL implementation plan is for marina owners to submit a plan for any needed sewage systems installation, repairs, upgrades. In order for them to complete such a plan, the adequacy and performance of their sewage systems should first be evaluated. Is RBRA planning on conducting these evaluations with the help of the marina owners? Or is it the RBRA's intent to have the marina owners plan and conduct these evaluations on their own? If the later is

true, then is RBRA going to make sure that the marina owners do in fact get these evaluations completed]

Timeline: July 2011

Multi-Agency Plan Response

A multi-agency approach will be used to satisfy certain TMDL implementation measure requirements. RBRA Staff has met with representatives of the County of Marin Environmental Health Services (EHS) and Marin County Stormwater Pollution Prevention Program (MCSTOPPP), and received their preliminary commitment to participate in the multi-agency response in the following shared TMDL plan elements:

EHS will take the lead in ensuring houseboats are tested on a biennial basis for sewage conveyance system integrity. RBRA will facilitate meetings between the houseboat marina owners/operators, houseboat association representatives, and EHS. The meetings will develop and implement procedure(s) for testing the sewage conveyance systems of all houseboats in each houseboat marina.

Timelines: Immediately for initial implementation steps, full compliance estimated Winter 2010

MCSTOPPP will contribute to a portion of the water quality testing described above. RBRA will invoice MCSTOPPP for the labor and lab costs at the four RBRA sampling sites located near stormwater outfalls. MCSTOPPP will be invoiced for the dry and wet season Fecal Coliform tests and the dry season Enterococcus tests at four of the monitoring sites located near stormwater outfalls. [FYI, Water Board staff intends to pay for all fecal coliform analyses in both dry and wet season with the exception of those times when Water Board's lab contract is expired and a new contract is not yet in place. Perhaps MCATOPPP can instead contribute to other aspects of the monitoring/implementation programs.]

Timeline: Dry season testing in ~~Fall~~ late summer (August-September) 2009, and wet season testing in ~~late~~-winter (January-March) 2010.

RWQCB has offered to participate in water quality testing. RBRA has not assigned any budget support amount from RWQCB. If RWQCB can contribute, it will help defer some of RBRA's and MCSTOPPP'S lab expenses [please see the note in the paragraph above]. RWQCB has also indicated it will provide water quality-related informational/educational materials, which RBRA will distribute to boaters and houseboat residents.

Attachments:

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

RICHARDSON'S BAY REGIONAL AGENCY

TMDL Local Implementation Plan

September 9, 2009

Background:

The California Regional Water Quality Control Board – San Francisco Bay Region (RWQCB) has tasked the Richardson's Bay Regional Agency (RBRA) with developing a response to the RWQCB's recently passed TMDL (Total Maximum Daily Load) Plan requirements for achieving water quality improvements in Richardson's Bay. The TMDL has assigned to the RBRA and several other local agencies water quality improvement-related responsibilities concerning anchored-out vessels, houseboats, marinas, and water quality testing. This document is RBRA's Implementation Plan.

Purpose:

The purpose of RBRA's TMDL Implementation Plan is to set forth RBRA program activities and timing consistent with RWQCB TMDL implementation measures, in furtherance of achieving compliance with the TMDL overall water quality objectives for Richardson's Bay. RBRA's program responsibilities for multi-agency program activities are limited to those identified in this Plan as being performed by the RBRA.

RBRA Implementation Plan Response:

Commencing with adoption of this local Implementation Plan, and in full effect after the State Water Quality Control Board and USEPA adopt the final Basin Plan Amendment (anticipated for late 2009), RBRA will implement the following:

Water Quality Testing

The RBRA will conduct water quality testing for Fecal Coliform, Total Coliform, Enterococcus, and E. Coli. Water testing protocols will be multiple tube for Fecal Coliform and Total Coliform, and enzyme substrate for Enterococcus, ~~and~~ Total Coliform, and E.Coli. A total of 16[~~7~~-~~td~~] sites will be sampled and tested. Tests will be performed on samples taken at each of the test sites at weekly intervals for five (5) consecutive weeks. The five-week sample and test series will be conducted once during the dry season and once during the winter, for a total of 10 tests at each of the test sites. The test results will be reported to the RBRA and the RWQCB.

Timeline: Dry season testing in ~~Fall~~ late summer (August-October) 2009, and wet season testing in ~~late~~ Winter (January –March) 2010.

Anchor-Out Vessels

RBRA will pursue 100% participation in the MT Head pumpout program for live-aboard anchorout vessels, and will assist live-aboard vessel owners in obtaining marine sanitation devices (msd's) with holding tanks, to be used in conjunction with the pumpout program. State Pump-Out Grant assistance will be utilized to pay operating costs for pumping out the vessels and may pick up some, if not all, of the costs for setting up vessels with msd's and holding tanks.

Timeline: Initial implementation immediately, full compliance by Winter 2010

Marina/Anchorouts

Marina owners/operators, houseboat owners, and anchorouts will implement a “neighborhood watch” for sewage spills for both houseboat and recreational marinas, and anchorouts, with a hotline directed to first responders (EHS, RBRA, SASM, Southern Marin Sewage, etc.).

Timeline: Winter 2010

Harbormasters will coordinate with RBRA to ensure 100% compliance with their pump-out programs for live-aboards.

Timeline: Winter 2010

RBRA will work directly with the three marinas that do not have sewage pump-out facilities to assist them in achieving State grant funding to install infrastructure.

Timeline: Marina operators to submit grant applications by July 2010

RBRA will work with all local marinas to assist their becoming certified California Clean Marinas.

Timeline: Ongoing, certification goal July 2011

RBRA will continue to work with Gates Cooperative marina to repair and upgrade their system until the Waldo Point Reconfiguration Project is complete.

Timeline: Ongoing until project completion

RBRA will work with local marinas to facilitate their development and activation of implementation measures required in the TMDL.

Timeline: July 2011

Multi-Agency Plan Response

A multi-agency approach will be used to satisfy certain TMDL implementation measure requirements. RBRA Staff has met with representatives of the County of Marin Environmental Health Services (EHS) and Marin County Stormwater Pollution Prevention Program (MCSTOPPP), and received their preliminary commitment to participate in the multi-agency response in the following shared TMDL plan elements:

EHS will take the lead in ensuring houseboats are tested on a biennial basis for sewage conveyance system integrity. RBRA will facilitate meetings between the houseboat marina owners/operators, houseboat association representatives, and EHS. The meetings will develop and implement procedure(s) for testing the sewage conveyance system of all houseboats in each houseboat marina. Timelines: Immediately for initial implementation steps, full compliance estimated Winter 2010

MCSTOPPP will conduct additional water quality testing associated with stormwater program responsibilities. RBRA has agreed to conduct sampling on behalf of MCSTOPPP for the testing sites that relate to MCSTOPPP program responsibilities.

Timeline: Dry season testing in ~~Fall~~ late summer (August-October) 2009, and wet season testing in ~~late~~ Winter 2010.

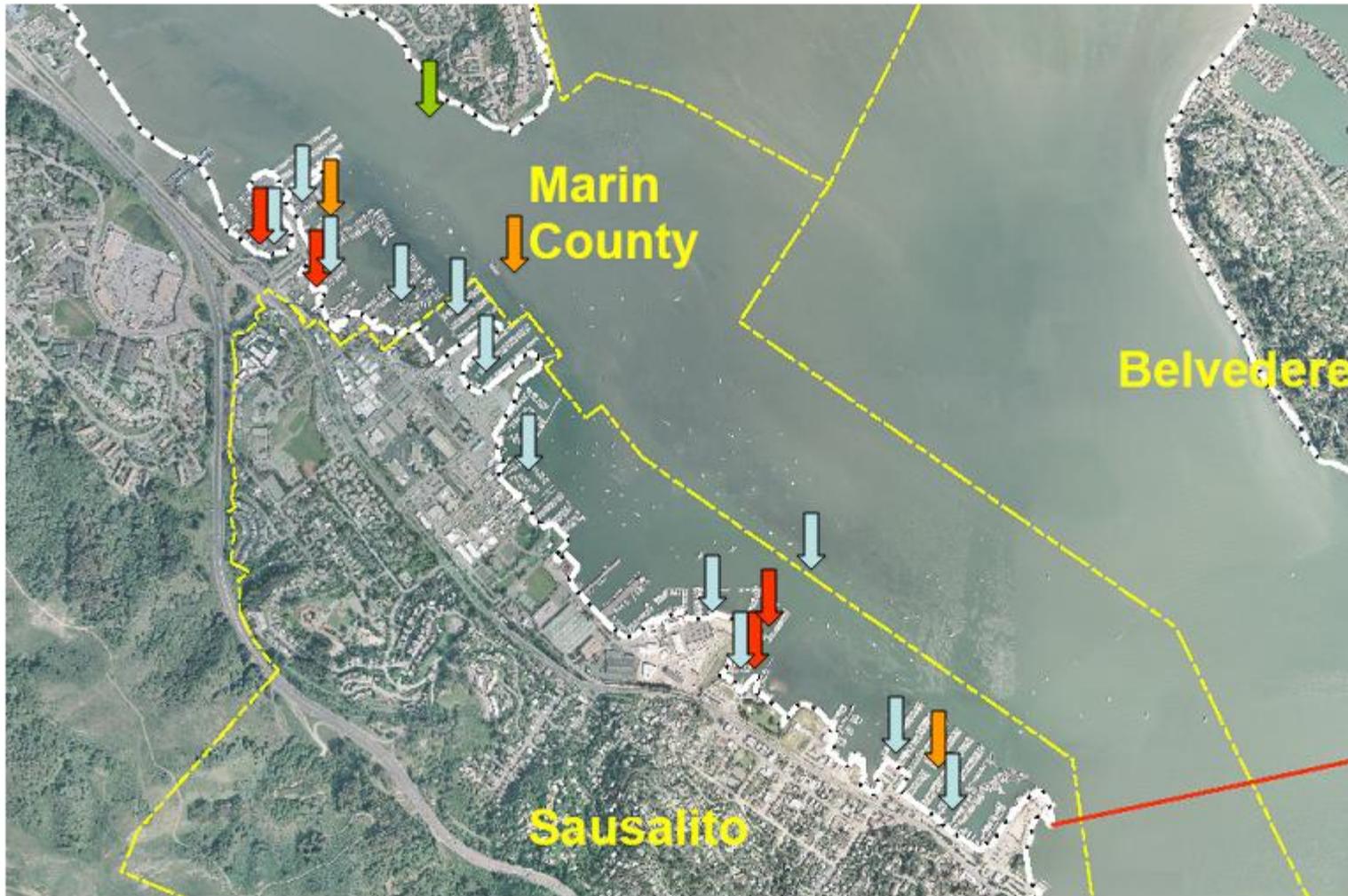
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expenses. RWQCB has also indicated it will provide water quality-related informational/educational materials, which RBRA will distribute to boaters and houseboat residents.

Attachments:

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

Water testing site options 03/13/09



 EXISTING REMAINING	 EXISTING TO BE REMOVED	 EXISTING FOR POTENTIAL REMOVAL	 PROPOSED NEW
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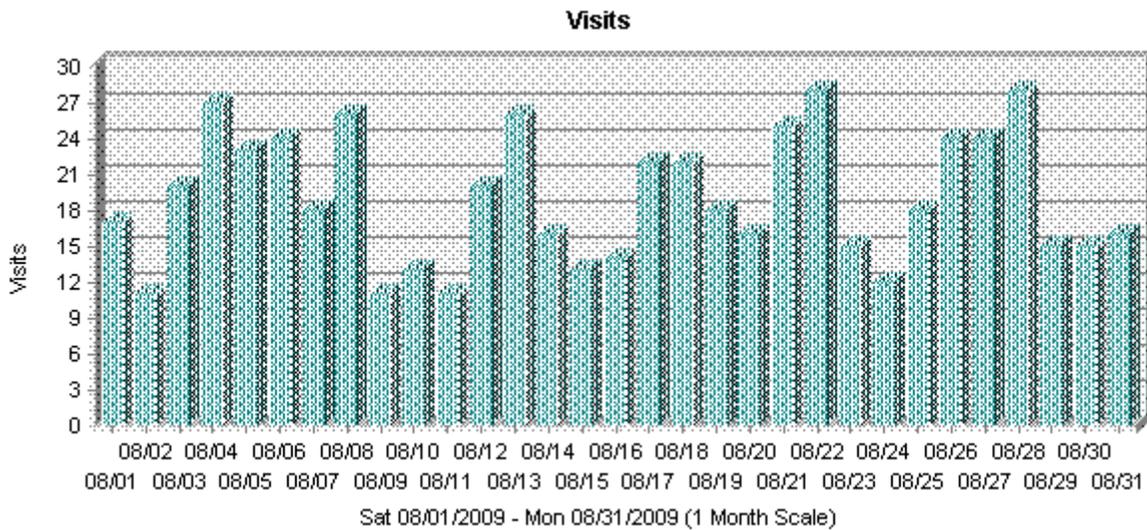
Web Site Report
RBRA web site

08/01/2009 00:00:00 - 08/31/2009 23:59:59

Wednesday September 09, 2009 - 06:40:27

General Statistics

The Visits graph displays the overall number of visits to your Web site. The General Statistics table provides an overview of the activity for your Web site during the specified time frame.



General Statistics

Hits	Entire Site (Successful)	892
	Average per Day	28
	Home Page	124
Page Views	Page Views	409
	Average per Day	13
	Average per Unique Visitor	1
	Document Views	409
Visits	Visits	588
	Average per Day	18
	Average Visit Length	00:05:10
	Median Visit Length	00:00:47
	International Visits	0.00%
	Visits of Unknown Origin	100.00%
	Visits from United States	0.00%
	Visits Referred by Search Engines	0
	Visits from Spiders	74
	Visitors	Unique Visitors
Visitors Who Visited Once		178
Visitors Who Visited More Than Once		77

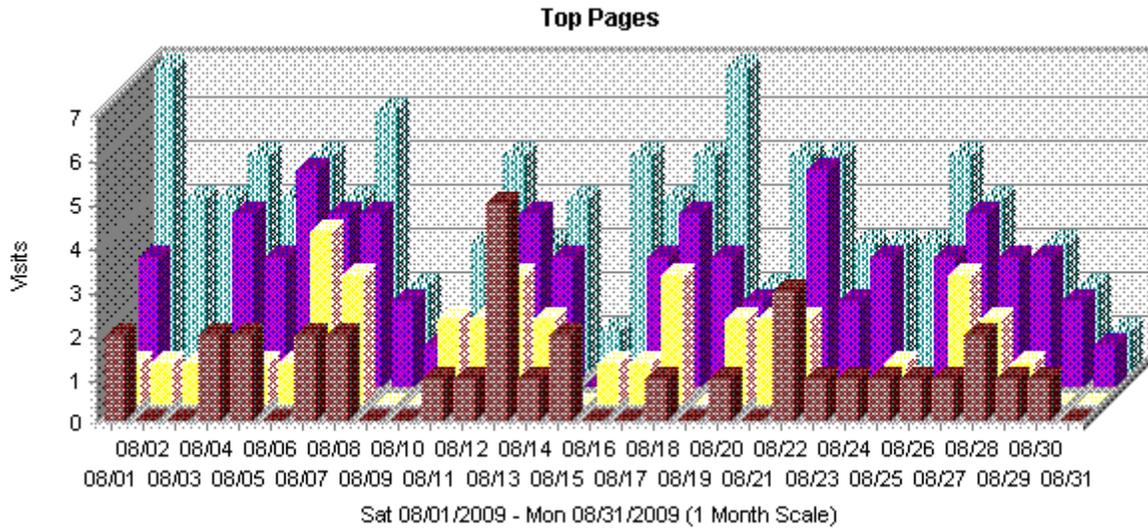


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Top Pages

This page identifies the most popular Web pages on your site, shows you how often they were viewed, and displays the average length of time the page was viewed.



Top Pages

	Pages	Views	% of Total Views	Visits ▼	Avg. Time Viewed
1	Richardson's Bay Regional Agency http://rbra.ca.gov/	124	30.31%	115	00:00:28
2	Richardson's Bay Regional Agency http://rbra.ca.gov/general_info.html	79	19.31%	76	00:01:30
3	Richardson's Bay Regional Agency http://rbra.ca.gov/gen_contact.html	41	10.02%	40	00:00:27
4	Richardson's Bay Regional Agency http://rbra.ca.gov/programs.html	35	8.55%	34	00:03:44
5	Richardson's Bay Regional Agency http://rbra.ca.gov/gov_doc.html	34	8.31%	33	00:00:54
6	Richardson's Bay Regional Agency http://rbra.ca.gov/meetings.html	33	8.06%	31	00:05:21
7	Richardson's Bay Regional Agency http://rbra.ca.gov/emerg_contact.html	26	6.35%	26	00:02:57
8	Richardson's Bay Regional Agency http://rbra.ca.gov/bill.html	12	2.93%	12	00:00:56
9	Richardson's Bay Regional Agency http://rbra.ca.gov/meetings-archives.html	9	2.20%	9	00:04:07
10	Richardson's Bay Regional Agency http://199.88.87.119/	8	1.95%	7	00:00:13
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12	Richardson's Bay Regional Agency http://199.88.87.119/bill.html	1	0.24%	1	N/A
13	Richardson's Bay Regional Agency http://199.88.87.119/programs.html	1	0.24%	1	00:00:20
14	Richardson's Bay Regional Agency http://199.88.87.119/emerg_contact.html	1	0.24%	1	00:00:20
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