

**FORMER MARINE CORPS AIR STATION TUSTIN  
RESTORATION ADVISORY BOARD MEETING  
AUGUST 6, 2008  
MEETING MINUTES**

The 82<sup>nd</sup> meeting of the Restoration Advisory Board (RAB) for former Marine Corps Air Station (MCAS) Tustin was held on Wednesday, August 6, 2008, at the Clifton Miller Center, Tustin City Hall. The meeting started at 7:03 p.m. and was adjourned at 8:48 p.m. These minutes summarize the discussions and presentations from the RAB meeting.

**WELCOME/INTRODUCTIONS/AGENDA REVIEW**

Mr. Don Zweifel, RAB Community Co-Chair, welcomed everyone and asked for self-introductions. Ms. Debra Theroux, Interim Base Realignment and Closure (BRAC) Environmental Coordinator (BEC) and Interim Navy RAB Co-Chair, introduced herself and thanked everyone for coming. Self-introductions by all those in attendance followed. Ms. Theroux reviewed the RAB meeting agenda which included: addressing outstanding issues from the May 14, 2008 RAB meeting and approval of the meeting minutes; RAB Community Co-Chair election; overview of the environmental status of the active sites; updates from the regulatory agencies; a presentation on Underground Storage Tank (UST) 222 Site and the methyl tert-butyl ether (MTBE) plume; meeting evaluation and suggestions for future presentations; and scheduling of the next RAB meeting.

**OLD BUSINESS**

**Approval of 5/14/08 RAB Meeting Minutes – Mr. Zweifel RAB Community Navy Co-Chair**

Mr. Zweifel asked for comments on the meeting minutes from the May 14, 2008 RAB meeting. No comments were provided. Mr. Zweifel asked for a show of hands for approval of the minutes as they stand. The meeting minutes were approved by the RAB.

**OU-4B FS Subcommittee Meeting**

At the last RAB meeting, RAB members signed up to participate in a subcommittee meeting for the Revised Draft Operable Unit (OU)-4B Feasibility Study (FS) Report. Four RAB members attended the subcommittee meeting including Mr. Don Zweifel, Ms. Mary Lynn Norby, Mr. Matt West, and Mr. Dana Ogdon. Ms. Content Arnold, Navy Lead Project Manager, and Mr. Jim Callian, Navy Project Manager, represented the Navy at the subcommittee meeting. Mr. Zweifel thanked Ms. Arnold and Mr. Callian for their participation. As of this point, no formal comments were submitted by the RAB in regard to discussions at the subcommittee meeting. The City of Tustin had some comments, but according to Mr. West, there were no significant issues and comments have been addressed. The City of Tustin is planning to submit formal written comments.

Ms. Theroux said that in the future if the RAB would like to hold a subcommittee meeting to discuss technical documents, the Navy will gladly accommodate such requests.

## **NEW BUSINESS**

### **RAB Community Co-Chair Election**

Ms. Theroux asked for nominations for the RAB Community Co-Chair position. The consensus of RAB members was to nominate Mr. Zweifel to another term as Community Co-Chair. A motion was made by Ms. Susan Reynolds and Mr. Jerry Kirchgessner, RAB members, to nominate Mr. Zweifel; this was followed by a second to the motion by Mr. Chris Crompton. No other RAB members were nominated. A vote was taken and Mr. Zweifel was re-elected as Community Co-Chair.

### **Installation Restoration Program (IRP) Environmental Status Update**

Ms. Theroux pointed out that the aerial photo/map has been updated as requested by the RAB. The photo was provided by the City of Tustin and the Installation Restoration Program (IRP) and carve-out information was updated and overlain on the photo. A corresponding handout was also provided.

- OU-1A (IRP-13 South – 1,2,3-trichloropropane [TCP] Groundwater Plume) and OU-1B (IRP-3 and IRP-12 – trichloroethylene (TCE) Groundwater Plumes). In July 2008, the Navy issued the 1<sup>st</sup> Quarter Groundwater Progress Monitoring Report and the Draft Interim-Remedial Action Completion Report (I-RACR) for regulatory agency review. Similar ongoing operation and maintenance activities are underway at both OUs. The Navy expects to issue the 2<sup>nd</sup> Quarter Groundwater Progress Monitoring Report in October 2008. The Final Operating Properly and Successfully Report and the Final Interim - Remedial Action Completion Report (I-RACR) Report for both OUs are scheduled for submittal in calendar year 2009.
- OU-4B (IRP-5S[a], IRP-6, IRP-11, IRP-13W, Miscellaneous Major Spill [MMS]-04, and the Mingled Plumes Area). As previously mentioned, the Revised Draft FS Report was reviewed by the regulatory agency and the public. Comments have been received and the Navy is incorporating them, as appropriate. The Navy anticipates issuing the Draft Final FS Report in the next two weeks. Also, the Navy will issue the Final Technical Memorandum Supplemental Investigation Report for IRP-6 and the Mingled Plumes Area in August 2008.
- MTBE Groundwater Plume/UST Site 222. The MTBE plume was covered later as the featured presentation of the RAB meeting.

Ms. Theroux presented a series of slides listing key project contacts from the Navy and the regulatory agencies, information on the Administrative Record File and Information Repository locations, and Navy, Department of Defense, and regulatory agency websites that provide a variety of environmental information. She noted that the BRAC website has a new look and is more user friendly. Access to information on former MCAS Tustin and all BRAC bases is available. The Regional Water Quality Control Board, Santa Ana Region's (Water Board's) Geotracker website has also been updated. Information discussed above was made available as handouts on the information table.

Ms. Theroux informed the RAB that she is available to answer questions. RAB members can also contact Ms. Arnold or any of the regulatory agency representatives.

Ms. Theroux announced that Ms. Christina Fu is the new California Department of Toxic Substances Control (DTSC) Public Participation Specialist and has taken the place of Mr. Tim Chauvel.

The next RAB meeting is scheduled for Wednesday, November 19, 2008, at the Tustin Senior Center in the Margarete Thompson Boardroom at 7 p.m. Meetings scheduled for next year are set for Wednesday, February 11, 2009 and Wednesday, May 13, 2009, at the Tustin Senior Center.

### **Regulatory Agency Update - Regulatory Agency Representatives**

Ms. Theroux said that copies of regulatory agency comment letters have been provided on the information table. This was requested by Ms. Reynolds at the last RAB meeting,

#### **Mr. Ram Peddada, Project Manager, DTSC**

DTSC submitted approximately 25 comments to the Navy on the Revised Draft Final FS Report for OU-4B. DTSC is currently reviewing the Navy's Response to Comments (RTCs) document. The RTCs were also discussed at today's BRAC Cleanup Team (BCT) meeting and DTSC's comments have been resolved. Any comments to the RTCs will be submitted to the Navy.

DTSC has an agreement with Tustin Legacy Community Partners (TLCP), the master developer, to assist them with addressing contamination. DTSC is providing such assistance with the review and comments of the TLCP's Revised Draft Site Management Plan.

DTSC is also reviewing the Navy's Site Management Plan that covers environmental restoration activities projected from October 1, 2008 through September 30, 2009. This document lists the types of documents that will be produced, along with time schedules for review and comment.

#### **Ms. Patricia Hannon, Project Manager, Water Board**

Ms. Hannon said she also reviewed the Revised Draft Final FS Report for OU-4B and comments were submitted to the Navy. She received the RTCs last week, completed her review, and is confident that the comments provided to the Navy would be adequately responded to. Ms. Hannon also provided a correction to the report stating that the nearest surface water bodies are Peters Canyon Wash and San Diego Creek not Upper Newport Bay.

Ms. Hannon explained that she had a specific comment on selenium and what happens when the groundwater chemistry is changed during implementation of an in situ chemical oxidation alternative. She said if selenium is oxidized to the highest-oxidized state, it becomes more soluble, more bio-available, and therefore more toxic. The Water Board wants to make sure that the remedy selected does not cause more selenium to enter Peters Canyon Wash and migrate to San Diego Creek.

Ms. Hannon said that when the water table is high, naturally present selenium moves into Peters Canyon Wash. The Water Board's concern is when changes are made to the groundwater chemistry that oxidizes contaminants or destroys contaminants or

changes the chemistry to enhance biodegradation. The Water Board wants the Navy and its contractors to take this into consideration and to think about possible contingencies.

Ms. Arnold said that Ms. Hannon's comments provide the Navy valuable information at this stage of the FS during the development of potential remedial alternatives for a response action. This information will also help in the next step when a viable alternative is selected.

### Discussion

Mr. Zweifel said that at a previous RAB meeting Ms. Hannon talked about effects of selenium on birds. Ms. Hannon explained that selenium may affect the birds' genes. Depending upon the dosage and how susceptible an organism is, it can effect reproduction and eggs may not hatch or hatchlings may be deformed in some way. She indicated that there have been no known deformations of birds at former MCAS Tustin.

Mr. Crompton said Orange County and the Water Board are jointly running the Nitrogen-Selenium Management Program that is examining these types of issues and end points for fish and bird eggs. The U.S. Geological Survey is involved in collecting samples of fish and eggs and running models to determine the effects. Ultimately, this information will be taken into consideration by the Water Board. A website, [ocnsmp.com](http://ocnsmp.com), presents all the information collected by this joint program.

Mr. Zweifel said that years ago the southwest irrigated pond turtle was living at the base. Ms. Hannon said the turtles are no longer at the former base and that the drainage ditches that served as habitat for this turtle have been covered. Mr. Crompton said there are still southwest irrigated pond turtles in Orange County just not at the base. Mr. West said the turtles on base were captured and relocated to habitat established at the University of California, Irvine.

Mr. Zweifel expressed concern and asked if selenium is being addressed to the satisfaction of the Water Board and Orange County. Mr. Crompton said that selenium and nutrients are big issues with this watershed. He added that the Irvine Ranch Water District is bringing online the first phase of a demonstration project to treat selenium in the water present in Peters Canyon Wash. It is located where Peters Canyon Wash and San Diego Creek meet off of Baranca Parkway and is called the Cienega Filtration Plant. The first module of the plant will go online soon and it will address elevated levels of selenium in these surface water bodies.

Ms. Hannon reminded the RAB that water from the Navy's treatment systems at former MCAS Tustin is discharged to the sanitary sewer and not to Peters Canyon Wash. The Water Board does not want selenium, nitrates, and total dissolved solids (TDS) from treatment discharge placed into Peters Canyon Wash. The standards for TDS are not as stringent for ocean water as compared to fresh water.

Mr. Zweifel expressed interest in touring the selenium demonstration project plant. Mr. Crompton offered to inquire about a tour. He will look into possible dates for a tour in a late-afternoon timeframe. It is a subterranean facility, so there is not much to see, but people would see the intake and a few other features. RAB members Mr. Matt Suarez and Ms. Norby also expressed interest in participating in a tour of this plant.

**Presentation – Update on the UST Site 222 Petroleum Corrective Action Program (PCAP), Mr. Louie Cardinale, Navy Project Manager**

Mr. Cardinale began the presentation by pointing out the location of UST Site 222 on the aerial photo/map. The presentation will provide RAB members with an overview of the site, its history, and the existing groundwater extraction and treatment system. He explained that the Interim PCAP treatment system had six extraction wells and focused on containing the MTBE plume and reducing concentrations. The Final PCAP treatment system that is currently operating consists of eight extraction wells and is designed to complete cleanup to close out the site. Upcoming activities and milestones were also presented. The presentation focused on the Final PCAP.

UST Site 222 was an active gasoline station until 1995, with a total of seven USTs and associated buildings, pumps, and islands. All of the USTs, associated piping, and pumps were removed in 1998. Between 1998 and 2005 all remaining buildings and a total of approximately 66,700 tons of soil were removed from the site. This soil was directly impacted by the leaking USTs at the site. The Water Board concurred with No Further Action for soil in February 2006. The present concern is groundwater that is impacted by MTBE.

There are three cleanup objectives for the Final PCAP:

- The first cleanup objective is geared toward reducing current concentrations of MTBE in the 1<sup>st</sup> and 2<sup>nd</sup> water-bearing zones (WBZs) to below the cleanup goals that were established in 2005 with the concurrence of the regulatory agencies.
  - 1<sup>st</sup> WBZ – 300 micrograms per liter (µg/L)
  - 2<sup>nd</sup> WBZ – 44 µg/L
  - 3<sup>rd</sup> WBZ – 13 µg/L, the maximum contaminant level (MCL) for MTBE.

Cleanup goals for the 1<sup>st</sup> and 2<sup>nd</sup> WBZs are protective of the 3<sup>rd</sup> WBZ. The 3<sup>rd</sup> WBZ has been monitored on a quarterly basis for the past seven years. There is a large body of evidence that indicates the 3<sup>rd</sup> WBZ has not been impacted by MTBE.

- The second cleanup objective is to protect the regional drinking water aquifer by preventing MTBE from impacting the 3<sup>rd</sup> WBZ.
- The third cleanup objective is to prevent the migration of MTBE beyond the current carve-out boundary.

The Final PCAP consists of eight extraction wells. Two wells are located in the source area and are screened in the 1<sup>st</sup> WBZ. Six wells are in the downgradient area and are screened in the 1<sup>st</sup> and 2<sup>nd</sup> WBZs. The monitoring well network is used to evaluate system performance on a quarterly basis from within and around the plume. All of the groundwater from the extraction wells is conveyed to the storage tank at the treatment system. A transfer pump conveys the water into the granular activated carbon (GAC) treatment vessels. The treated water is disposed to the sanitary sewer under permit with the Orange County Sanitation Department (OCSD). An air sparge/soil vapor extraction component is used in the source area, also called Treatment Area 1, where the highest concentrations of MTBE were reported. The downgradient area is called Treatment Area 2. Mr. Cardinale pointed out both treatment areas and the plumes on a slide. The plume in Treatment Area 1 is in the 1<sup>st</sup> WBZ and is separate from the plume in Treatment Area 2 which is in the 2<sup>nd</sup> WBZ.

Ms. Norby asked why there are differences in the MTBE plume in the aerial photo/map and those on the map used in the presentation. The Navy explained that the aerial

photo/map is simplified to only show plumes in the 1<sup>st</sup> WBZ at former MCAS Tustin. The map used in the presentation shows the MTBE plume in Treatment Area 1 (1<sup>st</sup> WBZ) and in Treatment Area 2 (2<sup>nd</sup> WBZ).

Photos of the Final PCAP system showing the storage tanks, GAC vessels, the secondary containment component, and the OCSD sewer discharge line were presented. The Final PCAP system is located next to the OU-1A/1B treatment system along Armstrong Avenue. Another photo showed the system after security fencing was installed.

PCAP operational data through July 9, 2008 were presented to the RAB. The Final PCAP extraction wells pump at a current rate of 88 gallons per minutes. The approximate monthly discharge rate to the sanitary sewer is 3,840,000 gallons. From PCAP system startup in August 2001 to July 2008, over 4,200 pounds of MTBE have been removed from the extracted groundwater. The total volume of groundwater extracted and treated through July 9, 2008 is approximately 167,700,000 gallons.

Mr. Zweifel expressed that the monthly removal of nearly 4 million gallons of water from the aquifer is a cause for concern during the current drought and that the aquifers need to be recharged. Ms. Hannon explained that water is only being extracted from the 1<sup>st</sup> and 2<sup>nd</sup> WBZs. Water from the 3<sup>rd</sup> WBZ and the regional principal aquifer is not being extracted. There is no reason to extract water from the principal aquifer for this project because it does not contain MTBE.

Mr. Cardinale said that recharge studies are being done and the Navy may propose such activity in the future, but for now the water is discharged to the OCSD sanitary sewer. Mr. Dhananjay Rawal of ECS, Inc., a Navy contractor, pointed out that the Orange County Water District is conducting recharge of aquifers in Irvine with a demonstration project that is using water that is discharged through the OCSD sanitary sewer line.

A diagram and photos of the air sparge/soil vapor extraction system were shown to the RAB. This system component has been installed in Treatment Area 1 into the 1<sup>st</sup> WBZ. The air sparge system blows air through wells into the groundwater and the air bubbles mobilize the MTBE upward into the soil. Soil vapor extraction wells located in the dry soil above the groundwater extract the MTBE vapors that migrated upward. Air sparging also introduces additional oxygen into the groundwater which promotes higher populations of MTBE-degrading bacteria. Mr. Cardinale said that there are four banks with 10 air sparge wells in each bank. The system pulses the air at an average rate of 20 pounds per square inch or 8 to 10 cubic feet per minute to charge one bank of 10 wells at a time for four hours. The bank of wells near monitoring well 222MW03 near the middle of the source area runs for 10 hours a day. A timer is used to switch to a different bank of air sparge wells. The extraction wells run 24 hours a day. This process has proven to be an effective way to extract the MTBE from the groundwater.

A table with monitoring results of the Final PCAP system at both Treatment Areas 1 and 2 was presented to the RAB. The timeframe included sampling from October 9, 2007 through July 9, 2008. For example, well EW-03SC in Treatment Area 1 had a reported concentration of 430 µg/L of MTBE on October 9, 2007 and 28 µg/L on July 9, 2008. The July 9, 2008 highest reported concentration is 29 µg/L of MTBE in well PW-03SA, also in Treatment Area 1, where the cleanup goal is 300 µg/L. This demonstrates that air sparge/soil vapor extraction component of the treatment system has been highly

successful. In Treatment Area 2 the cleanup goal is 44 µg/L. To make sure sampling readings are accurate, the system is shut down when groundwater samples for monitoring are obtained. It was further explained that data from extraction wells are used to optimize the system and results from monitoring wells are used to draw the plume maps.

To further illustrate the success of MTBE cleanup, graphs showing sampling results from two wells at Treatment Area 1 and four wells from Treatment Area 2 from June 2001 through June 2008 were shown. In Treatment Area 1, the drop off or reduction of MTBE contamination present during this timeframe is significant. After the start-up of the air sparge/soil vapor extraction system, a dramatic drop occurred. In Treatment Area 2, a similar downward trend was illustrated.

Mr. Zweifel noted the graphs showed an uptick at Treatment Area 2 and asked why this would occur. It was explained that the uptick in the sampling results is from an extraction well and this indicates contaminant mass is being removed. The more mass removed, the quicker the site will get cleaned up. Also, upticks may occur in monitoring wells, but the overall trends show a decrease by orders of magnitude on a logarithmic scale.

In regard to milestones and upcoming activities, at Treatment Area 1 the cleanup goal has been achieved. Shutdown of the air sparge/soil vapor extraction system is planned for late-August 2008. Groundwater will be monitored for four consecutive quarters to make sure the aquifer has reached a steady-state and no "rebound" of MTBE has occurred. In Treatment Area 2, the Navy will continue to remove contaminant mass of MTBE with the extraction wells and operate the treatment system until the cleanup goal for the 2<sup>nd</sup> WBZ is achieved. The Final PCAP was projected for an 18-month period and the system is coming close to being online for one year. Progress will be tracked to determine when the system can be shut off. The Navy plans to operate the treatment system until reported concentrations are below the cleanup goals. When cleanup goals are achieved, a Site Closure Report will be prepared for regulatory agency concurrence. After regulatory agency concurrence is obtained, the Navy will close the site.

A RAB meeting attendee expressed concern that the latest data presented indicate that the slug of MTBE may have migrated downgradient past the capture zone of the plume. It was explained that the uptick shown in the data is a single point of time and that the Navy bases its decisions on data trends. The Navy will not make any major modifications on a single data point; further data would need to be evaluated. Not all of the monitoring wells are shown on the presentation map; however, monitoring results show that MTBE has not migrated beyond the plume and the carve-put boundary. Mr. Cardinale said that two years ago this concern was addressed by conducting HydroPunch sampling to make sure that there was no MTBE present beyond the carve-out boundary.

Another RAB meeting attendee cited an April 17, 2008 letter from the City of Tustin that expressed concern about an upward trend in a downgradient monitoring well while data reported from wells nearby show no contamination has been detected. The Navy explained that comment was based on a small data set when compared to all the data available on the site. The Navy suggested that it could better respond at a later time since a copy of the letter and the data are not available at tonight's meeting.

Ms. Reynolds asked if after the soil vapor extraction system is shutdown, can it be turned back on? The Navy explained that all wells will be left in place, and above-ground equipment (obtained via a lease) can be brought back and hooked up and the system could be turned on.

Ms. Norby asked about the planned reuse for the site. Mr. West explained that part of the site will be a park and the area where the air sparge/soil vapor extraction system is set up would be used for South Orange County Community College District facilities.

Ms. Norby asked when the Navy plans to transfer the property. Ms. Theroux said that if the cleanup goes as planned and the regulatory agencies concur, property transfer would occur during Fiscal Year 2010, but this would include just for a portion of the carve-out area. For the Mingled Plumes Area, property transfer may occur during 2014.

### **Future Topics/Schedule Next RAB and Subcommittee Meetings/Meeting Evaluation and Closing**

Suggestions for future RAB meeting presentation topics include:

- Reinjection of treated water
- Groundwater monitoring work plan for OU-4B sites, either at the November 2008 or February 2009 RAB meetings. (The Navy noted that groundwater monitoring is conducted on site-specific basis and those reports are available at the Administrative Record File and the Information Repository. The data are not combined into a single annual report. The RAB suggested that the presentation integrate groundwater monitoring data from specific sites. The Navy said that such a presentation would be considered.)

Ms. Reynolds said the RAB appreciates hearing good news about cleanup underway at former MCAS Tustin.

The next RAB meeting is scheduled for November 19, 2008 and will be held at the City of Tustin, Senior Center in the Margarete Thompson Boardroom.

### **Additional Discussion**

Mr. Zweifel expressed a strong concern that Mr. James Ricks, U.S. Environmental Protection Agency (U.S. EPA), does not attend RAB meetings. Mr. Peddada noted that the travel budget for U.S. EPA has been cut. Ms. Theroux said that Mr. Ricks is a very active participant in all BCT meetings and document reviews. Ms. Arnold noted that Mr. Ricks is available via the telephone so RAB members should feel free to contact him.

The August 6, 2008 RAB meeting was adjourned at 8:48 p.m.

## **List of Handouts Provided at the Meeting**

- RAB Meeting Agenda/Public Notice – August 6, 2008 (82<sup>nd</sup>) RAB Meeting.
- Meeting minutes from the May 14, 2008 (81<sup>st</sup>) RAB Meeting.
- Presentation: *“Update on the UST Site 222 Petroleum Corrective Action Program, Former MCAS Tustin,”* presented by Louie Cardinale, PE, Navy Project Manager, August 6, 2008.
- Former MCAS Tustin Environmental Program Status, August 2008.
- Map – Figure 1, Carve-Out Areas and Groundwater Plumes, Former MCAS Tustin, August 2008.
- Restoration Advisory Board Fact Sheet/Membership Application.
- Former MCAS Tustin RAB Meeting Schedule: November 2008 and February and May 2009.
- Former MCAS Tustin - Where to Get More Information.
- Former MCAS Tustin Navy Team Contact Information.
- DTSC Public Participation Specialist Christina Fu, Contact Information.
- For More Information: Administrative Record and Information Repository Locations.
- Internet Access – Environmental Web Sites.
- Former MCAS Tustin Installation Restoration Program - Mailing List Coupon.
- Former MCAS Tustin Installation Restoration Program Advisory Board Mission Statement.
- Department of the Navy, “Policy for Conducting Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Statutory Five-Year Reviews,” November 29, 2001.
- Department of Defense, “A Guide to Establishing Institutional Controls at Closing Military Installations,” February 1998.
- Department of Defense, “Institutional Controls: What Are They and How are They Used,” spring 1997.
- U.S. EPA, “Five-Year Review Process in the Superfund Program,” April 2003.
- Memorandum from the Under Secretary of Defense, Subject: Responsibility for Additional Environmental Cleanup after Transfer of Real Property, July 25, 1997.
- Memorandum from the Chief of Naval Operations, Environmental Readiness Division, Subject: Policy for Optimizing Remedial and Removal Actions Under the Environmental Restoration Programs, April 23, 2004.
- Commonly Asked Questions Regarding the Use of Natural Attenuation for Chlorinated Solvent Spills at Federal Facilities.
- Regulatory Agency Comments, Dept. of Toxic Substances Control – Comments on the Revised Draft Feasibility Study Report, Operable Unit 4B, Former MCAS Tustin, Dated March 2008, comment letter dated June 24, 2008.
- Regulatory Agency Comments, California Regional Water Quality Control Board, Santa Ana Region – Comments on the Revised Draft Feasibility Study Report, Operable Unit 4B, Former MCAS Tustin, comment letter dated June 18, 2008.

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Copies of the meeting minutes and handouts provided at the August 6, 2008 RAB meeting are available at the Information Repository for former MCAS Tustin located at the University of California, Irvine, Main Library, and Government Publications Section. Library hours are 8:00 a.m. to 7:00 p.m. Monday through Thursday; 8:00 a.m. to 5:00 p.m. Friday and Saturday; and 1:00 p.m. to 5:00 p.m. on Sunday. It is recommended, however, that people call the library for confirmation of these hours as they may be

modified during final exam and holiday periods. The Government Publications Section may be reached at (949) 824-7362.

Minutes from previous RAB meetings can be found on the internet on the Navy BRAC website: [www.bracpmo.navy.mil](http://www.bracpmo.navy.mil)

### **Internet Sites**

#### **Navy and Marine Corps Internet Access**

***BRAC PMO Web Site (includes RAB meeting minutes):***

Navy web site: <http://www.bracpmo.navy.mil/>

For Tustin RAB information:

[http://www.bracpmo.navy.mil/bracbases/california/tustin/rab\\_information.aspx](http://www.bracpmo.navy.mil/bracbases/california/tustin/rab_information.aspx)

#### **Department of Defense – Environmental Cleanup Home Page Web Site:**

<http://www.dtic.mil/envirodod/>

#### **U.S. EPA:**

[www.epa.gov](http://www.epa.gov) (homepage)

[www.epa.gov/superfund](http://www.epa.gov/superfund) (Superfund information)

[www.epa.gov/ncea](http://www.epa.gov/ncea) (National Center for Environmental Assessment)

[www.epa.gov/federalregister](http://www.epa.gov/federalregister) (Federal Register Environmental Documents)

#### **Cal/EPA:**

[www.calepa.ca.gov](http://www.calepa.ca.gov) (homepage)

[www.dtsc.ca.gov](http://www.dtsc.ca.gov) (Department of Toxic Substances Control)

[www.dhs.ca.gov](http://www.dhs.ca.gov) (Department of Health Services, reorganized into the Dept. of Health Care Services and the Dept. of Public Health)

[www.waterboards.ca.gov/santaana](http://www.waterboards.ca.gov/santaana) (Santa Ana Regional Water Quality Control Board)

[www.geotracker.waterboards.ca.gov](http://www.geotracker.waterboards.ca.gov) (Environmental data for regulated facilities in California)