



FINAL FORMER NAVAL STATION TREASURE ISLAND Restoration Advisory Board (RAB) Meeting Minutes

Meeting Number 137

August 19, 2008

Community Restoration Advisory Board (RAB) Members in attendance:

Nathan Brennan, John Gee, Alice Pilram, Dale Smith

Regulatory Agency, City of San Francisco (City), and U.S. Department of the Navy (Navy) RAB Members in attendance:

James Sullivan (Navy), Paisha Jorgensen (San Francisco Bay Regional Water Quality Control Board [Water Board]), Ryan Miya (Department of Toxic Substances Control [DTSC]),

Other Navy Staff and Consultant Representatives in attendance:

Scott Anderson (Navy), Pete Bourgeois, (Shaw Environment and Infrastructure [Shaw]), Tommie Jean Damrel (Tetra Tech EM Inc. [Tetra Tech]), Campbell Merrifield (Tetra Tech)

Public Guests

Gasper Sciacca

Welcome Remarks and Introductions

James Sullivan (Base Realignment and Closure [BRAC] Environmental Coordinator) opened the 19 August 2008 meeting at 7:04 P.M. at the Casa de la Vista (Building 271) on Treasure Island (TI).

Mr. Sullivan welcomed those in attendance. He thanked those who attended the site tour just prior to this RAB meeting, and stated the Navy would look for other opportunities in the future to do site tours. Mr. Sullivan announced the Navy will be on TI on Saturday, 25 October 2008 for the TI Community Picnic. Mr. Sullivan stated RAB members should have received a packet of materials in the mail, and noted there were additional copies of all handouts at the sign-in table. Mr. Sullivan then asked if there were any comments regarding the meeting agenda. There were none, so he moved into the first topic.

Public Comment and Announcements

Mr. Sullivan stated there are two public comment periods included in the RAB agenda to provide members of the public an opportunity to comment on the Navy's environmental program at former Naval Station TI (NAVSTA TI). One at the start of the meeting and one near the end. Mr. Sullivan added that attendees are invited to ask questions or make comments at any time during the meeting.

There were no public comments our announcements so Mr. Sullivan proceeded on to the next agenda item.

Site 12 (TI Housing Area) Removal Action Update

Mr. Sullivan introduced Pete Bourgeois (Shaw) to provide an update on the removal action and current site access at Site 12, the TI Housing Area. Mr. Bourgeois stated Shaw had completed their work at Northpoint Drive and Bayside Drive, and were currently conducting work in the area referred to as Solid Waste Disposal Areas (SWDA) A&B. Mr. Bourgeois stated Shaw continues to excavate soil and segregate it for disposal as California Class I hazardous, Class II nonhazardous, or low-level radiological (rad) waste. Mr. Bourgeois stated Shaw, through subcontractor New World Technology (NWT), continues to scan all of the excavated soil in order to detect any radiological materials. The scan is done with the Detector Array Rack Towed (DART) equipment.

Mr. Bourgeois stated Shaw has reduced the amount of maintenance they perform on the hydroseed and sod they placed in restored areas. He noted the Treasure Island Development Authority (TIDA) has also reduced their watering of landscaping on NAVSTA TI due to the high cost of water. However, Mr. Bourgeois noted that, during the tour just prior to this meeting, tour attendees could see that the grass is still growing well. He added that Shaw is still watering the new sod in residents' backyards in the project area.

Mr. Bourgeois stated Shaw has been doing continuous air monitoring to verify that no dust is blowing outside of the excavation areas, which are bound by green fences. This air monitoring is done to protect the workers as well as residents. Mr. Bourgeois explained that Shaw has a safety program, CIH, that determines what levels of contamination the air monitors will detect, and those numbers are very conservative. Mr. Bourgeois showed a photograph of excavation work on Westside Drive, noting this is an area being excavated to a depth of one to two feet. Mr. Bourgeois indicated the location of the air monitoring station right next to the excavation, and stated that unit is monitoring for radiological detections. He added that the Shaw field crew is using water to suppress dust. Mr. Bourgeois stated Shaw also has air monitors upwind and downwind of the excavation, put in place to detect lead, which is the primary chemical of concern for the removal action.

Mr. Bourgeois explained the monitors are designed to sound an alarm when dust particulates are detected. If the alarm were to sound, the field crew would immediately stop work and reevaluate their engineering controls. Mr. Bourgeois added that, to date, there had been no issues with dust suppression and protection of workers and residents.

Mr. Bourgeois then showed photographs of the water lines in the excavation behind Building 1123. He noted the depth of the excavation is four feet, and exposes the main water line that supplies water to NAVSTA TI. To protect the water line, Shaw has built concrete "kickers" that go on either side of the joints of the water line pipe. Shaw is excavating that area in small sections to avoid causing damage to the pipe.

Mr. Bourgeois indicated on the map the location of Site 6, where Shaw is storing all of the excavated soil with low-level radiological detections. That soil is loaded in bins either directly as it is excavated at Westside Drive, or from where it is stockpiled at Site 6. Mr. Bourgeois showed another photograph of an air monitoring unit immediately adjacent to the excavation work. Mr. Bourgeois stated the field crew sprays water on the soil and the ground to keep from creating any dust. He added that the prevailing winds at Site 6 blow offshore, away from the residents across the street.

Mr. Bourgeois showed a color figure indicating the status of the excavation at Westside Drive. He explained that yellow indicates an excavation down to 1-foot depth; green indicates 2 feet; blue indicates 3 feet, and orange indicates 4 feet. Mr. Bourgeois added that 4 feet is the excavation limit. Mr. Bourgeois then showed the locations of five small potholes where Shaw dug down further. There were still elevated radiological detections at the bottom of the 4-foot excavations in those areas, so Shaw excavated further in discreet areas to determine if there were radiological issues below a 4-foot depth. Mr. Bourgeois showed an area where Shaw will excavate to a depth of 5 feet, and noted they would also remove the carport next to Building 1133 in order to excavate.

Mr. Bourgeois pointed out a blue line on the figure, noting the line indicates the green fencing around the excavation areas. He added that the buildings with hash marks through them are vacant. Mr. Bourgeois stated that, as indicated on the figure, there is a buffer of space, about the size of a building, between the excavation site and the occupied buildings. Mr. Bourgeois stated the only occupied building that was near an excavation was Building 1325. He explained that Shaw did that excavation as quickly as possible to avoid impacting the residents for an extended time.

Mr. Bourgeois stated Shaw had removed 9,800 tons of Class I soil, and 450 more tons were stockpiled and ready for off-site disposal. For Class II soil, Shaw had removed about 10,000 tons and had 1,100 tons stockpiled for off-site disposal. Mr. Bourgeois stated that radiologically impacted soil is stored in bins at Site 6. To date, there were about 95 bins of soil, and each bin contains about 17.7 tons, for a total of about 1,682 tons of radiologically impacted soil. In addition, there are 2,500 tons of soil stockpiled at Site 6, and 319 bins have been removed. Mr.

Bourgeois stated that soil disposal will continue for one or two months past the end of excavation work because all of the soil must be sampled prior to disposal.

Mr. Bourgeois then showed a figure that shows the fence lines around the work areas. He stated those areas that are fenced are where excavation or potentially contaminated soil is located, and to be protective the Navy wants to keep the public out of those areas. Mr. Bourgeois explained that specifically the area referred to as Site 6 as well as Building 461 is shaded on the map because those areas are being used for stockpiling soil. In addition, Westside Drive and SWDA A and B are shaded because there is active work going on in those areas. Mr. Bourgeois then noted the blue lines on the map, along Perimeter Road, indicate areas that are accessible to the public 24 hours a day, 7 days a week.

Mr. Bourgeois presented the Navy contact information for the project, and noted he would give another update at the next RAB meeting, scheduled for 21 October, 2008. Mr. Bourgeois reviewed the current schedule for the project, noting excavation and restoration would continue through November 2008, and disposal should be complete in December 2008. He noted that, as new information is gathered in the field, the schedule may change. Mr. Bourgeois then asked if there were any questions.

Gasper Sciacca (resident) asked how much more Class I material would be removed, in addition to the 9,800 tons Mr. Bourgeois had already mentioned. Mr. Bourgeois stated the entire project is expected to be around 40,000 tons of excavated material. Mr. Sciacca asked if that is just within Site 12. Mr. Bourgeois stated that is correct, there are three SWDAs, all within Site 12, the total removal is approximately 40,000 tons, and they expect about 70 percent of it to be Class I material, and 30 percent of it to be Class II material. He added that some of it is "rad", or radiologically impacted material, which is a separate classification.

Mr. Sciacca asked if the "rad" material is the disks that were found during excavation. Mr. Bourgeois stated there were markers or various commodities that were found in soil. Some of the commodities completely degraded into the soil, so the soil itself has an elevated "rad" reading. Mr. Bourgeois noted that the radiologically impacted material is not accepted at California landfills, and is brokered out-of-state to a facility in Idaho.

Mr. Sullivan added that Shaw's subcontractor NWT went through a process using specific instrumentation to analyze the radiological material, and determined the material is all radium-226. He explained radium-226 was commonly used in the late nineteenth and early twentieth centuries to illuminate dials on watches and other items. The initial radiological items Shaw found were buttons, and those may or may not have been related to military use. Then Shaw found items referred to as markers that were used to mark items in the field for night use, and

those were military grade items. So while the commodities found differ, the contaminant is consistently radium-226.

Mr. Sullivan explained that Shaw has been removing these radiologically impacted items along with any impacted soil where the amount of radium-226 is above the background level. He added that there is a normal background level for radium in native soil. Part of the project was to determine what that background level is so that Shaw can remove anything above that level.

Mr. Sciacca asked if the recovered items were recognizable. Mr. Bourgeois stated some had completely disintegrated into the soil, while others still had a recognizable shape to them. He added that the Navy's Radiological Affairs Support Office (RASO) reviews all of the items to make a determination on what they are and what they were used for. Mr. Sullivan added that the items look rusted or crusted over when they are removed from the ground. Most of them have a metal backing that has corroded over time.

Mr. Sciacca asked what are the primary toxins of concern besides "rad" and lead. Mr. Bourgeois stated that several thousand samples had been taken over time within the Site 12 area in order to characterize the site, and that the chemicals of concern in the SWDAs are lead, very low-level polychlorinated biphenyls (PCB), very low-level dioxins, and polycyclic aromatic hydrocarbons (PAH).

Mr. Sciacca stated he is interested in the PCBs and whether those have been addressed, and asked what Mr. Bourgeois meant by "very low level". Mr. Bourgeois stated that lead is driving the removal action in the SWDAs and has been the primary contaminant of concern in many of the removal actions at NAVSTA TI. Regarding PCBs, Mr. Bourgeois stated they are detected at very low levels, meaning they are not the primary contaminant of concern. However, the Navy is testing the soil for PCBs and addressing them, including taking confirmation samples at the bottom and sides of excavations. Mr. Sciacca asked what is the source of the lead. Mr. Bourgeois stated it is possibly from lead-based paint that was previously used.

Mr. Sullivan explained that the Navy and their contractors discovered disposal and debris areas within Site 12, referred to as the SWDAs. Items found include debris material such as bits of wood and incinerated ash in these areas, and the soil has detections of the contaminants Mr. Bourgeois mentioned: lead, PCBs, PAHs, and dioxin. Those contaminants appear to be related to the disposal and partial incineration of debris that may have come from the operation of NAVSTA TI when it was active. Where soil has been sampled but debris has not been found, the levels of contaminants are typically below or within acceptable detection levels.

Mr. Sullivan added there seems to be a general relationship between the presence of debris that was disposed of and incinerated, and elevated concentrations of contaminants, including radiological material. He noted the SWDAs are a small portion of the overall housing area on NAVSTA TI. The SWDAs were identified early in the Navy's investigations on NAVSTA TI, and primarily have been fenced and unoccupied.

Mr. Sciacca asked at what depth are the contaminants found. Mr. Sullivan responded the contaminants are generally found within the top four feet of soil, and that groundwater at NAVSTA TI is around four feet, so it generally would not have been possible for anyone to dig and dispose of debris lower than that. Scott Anderson (Navy) added that while contaminants are found in the zero to four-foot depth, they are generally found below the one-foot depth, not above.

Mr. Sciacca asked if the topsoil around the houses is contaminated. Mr. Sullivan explained many investigations have been conducted, and the contaminants have primarily been in the SWDAs. All of the data from the entire site, Site 12, will be assessed in a risk assessment for the entire site. Mr. Sullivan stated that currently the Navy is not seeing elevated concentrations of contaminants in the majority of the occupied areas. However, as a safety measure, landscaping by tenants is prohibited in the John Stewart Company house rules. Mr. Sciacca stated he had been verbally informed of that prohibition, but could not find it in his written house rules. Alice Pilram (RAB Community Co-chair) stated it can be found in the lease agreement.

Mr. Sciacca asked what is the date for the completion of work on Westside Drive. Mr. Bourgeois stated completion of excavation and then restoration is anticipated for November 2008. Mr. Sciacca asked what is meant by restoration. Mr. Sullivan explained specific to Westside Drive, restoration includes backfilling the excavation back to grade; replacing the part of the street and the sidewalks that were removed; and putting down sod. In other areas that were not occupied, the street will be graveled and hydroseed will be put in place rather than sod. Mr. Bourgeois added that the schedule is contingent on what else is found during the field investigations.

Mr. Sciacca asked how the Navy is doing the restoration, and whether it is in a south to north direction. Mr. Bourgeois stated the excavations are in one-foot lifts, so after each foot is excavated, the soil is scanned, and hot spots are sampled, and then there is further excavation. Therefore, Shaw is "hopscoching" around the site rather than working in one particular direction.

Mr. Sciacca asked whether the field workers wear respirators, and Mr. Bourgeois stated they do not. He stated the air monitoring they conduct indicates that respirators are not necessary, and, in fact, Shaw has not had to wear respirators for

any of the numerous removal actions they have conducted at NAVSTA TI. Mr. Anderson added that, as part of the health and safety plan for the work, if air monitors detect certain levels of contaminants, they would be required to wear respirators, or possibly shut down and secure the site. However, that has never happened at Site 12.

Site 12 Arsenic in Groundwater Pilot Study

Mr. Bourgeois and Mr. Anderson gave a brief update on the Site 12 arsenic in groundwater study. Mr. Bourgeois stated the study would take place at Westside Drive and Gateview Avenue, across the street from Building 1325. Mr. Bourgeois stated currently the Navy is evaluating soil samples that were collected in the area, then they will finish the work plan for the study. He stated it will be a small-scale pilot study.

Mr. Anderson explained the Navy was currently responding to regulatory agency comments on the draft workplan, and those responses would be completed by the end of the August, with Shaw beginning field work sometime in September. He stated the RAB would receive updates as the schedule progresses.

Sites 21 and 24 Treatability study

Mr. Anderson then gave an update on the Sites 21 and 24 treatability study. Mr. Anderson stated that Shaw is currently conducting additional investigations in and around Building 99, where there may be a different source area for a plume of Volatile Organic Compounds (VOC). Mr. Anderson stated that two members of the BRAC Cleanup Team, or BCT, Ryan Miya (DTSC) and Gary Foote (Geomatrix) took a tour of the sites that day, and thanked them for taking the time to do that.

Mr. Bourgeois stated Shaw is in the initial phases of starting the work, so there is no data to present. He added that the Navy had delayed their initial start date because of a City of San Francisco event in the area. Mr. Bourgeois showed a figure from the workplan. He explained the wells labeled TW are temporary wells that were installed to gather further data. Mr. Bourgeois showed a photograph of a drill rig used to install the temporary wells. Then he showed a photograph of a contractor using a hand auger. Most military bases have utility lines that are plastic and could be easily broken. Mr. Bourgeois explained the hand auger is used to reach a depth of about five feet in a manner that prevents the workers from damaging the utility lines. Mr. Bourgeois stated the Navy and their contractors work with the San Francisco Public Utilities Commission (SFPUC) to review utility maps and get the best information about where utilities are, but they hand-auger as an extra precaution.

Mr. Bourgeois then showed a figure indicating the Membrane Interface Probe (MIP) locations around Building 99. The MIPs give real-time readings which are received on-site at a mobile laboratory. It indicates immediately if the MIP

encounters contaminants such as TCE (trichloroethane) or PCE (perchloroethane) in the hole made by the drill rig. Mr. Bourgeois stated that for future meetings Shaw would put together cross sections of the holes and show more information as it is compiled. Mr. Bourgeois stated the MIP technology is advantageous because it indicates immediately what is detected and at what depth.

Mr. Bourgeois stated they are also using technology called FLUTE, or flexible liner underground technology, and work on installing the FLUTE will be completed during the same week as this RAB meeting. Mr. Bourgeois stated Shaw would construct an off-site extraction injection system in early September.

Mr. Bourgeois stated that around 1 October 2008 Shaw will start pumping the wells within Site 21 into 21,000-gallon tanks, and when that is complete they will start doing a direct-inject with the SDC-9 bugs and lactic acid. They anticipate having the treatability study and associated performance monitoring run through November 2009. Mr. Bourgeois stated there would not be workers in the field that entire time; at some point they will walk away and let the bugs do their work, then monitor it. Mr. Bourgeois stated he would give updates to the RAB during the work, including results of the monitoring.

Mr. Anderson added that the Navy is also planning to have soil samples taken at petroleum Site 25 in order to help them close that site. Shaw will take the samples while they are in the field for Site 21 so no separate mobilization is needed. Therefore, the work on Site 25 will also begin during the first week of October, when the Site 21 work begins. Mr. Bourgeois stated a new schedule would be sent to everyone to clarify when the work will happen at Sites 21 and 25.

Dale Smith (RAB member) asked if the Navy had set up an extraction system in Building 99 a few years earlier. Mr. Anderson stated an extraction system had been set up in the interior of Building 99, and that it was the first pilot study for the project. The plume has rebounded in the southeast corner of the site, including a small portion inside Building 99. Therefore, there may be an additional source area.

Ms. Smith asked if the plume presented in the figure is the historic plume that was delineated over years of investigation. Mr. Anderson responded that is correct, that is the historic plume. Ms. Smith asked if the plume was as large as it originally had been before the initial work, and Mr. Anderson responded it is not. Mr. Bourgeois explained the figure indicates the plume is a large circle, however, there are actually just small pockets in various areas where Shaw will concentrate the extraction system.

Mr. Anderson added that part of the project is to determine whether there is a dense, non-aqueous phase liquid (DNAPL) source area that they previously did

not know about. The MIP and FLUTE samples will help them determine how to address this area, including possibly adjusting the location of their wells.

Nathan Brennan (RAB member) asked if the source is still Building 99, or if this means the source area could be another location. Mr. Anderson stated the source area is still Building 99, but in a slightly different location than they thought. Mr. Bourgeois stated the Navy and Shaw believe the substrate used in the pilot study did not reach every area as effectively as it could have, so the goal is to target those areas with pockets of more contamination, but they are still in or near Building 99. Mr. Anderson stated that Building 99 historically housed a dry-cleaning facility, and the Navy has records indicating the dry-cleaning facility was at several locations within the building.

Ms. Smith asked if the Navy had investigated the possibility of contamination traveling along utility lines. Mr. Bourgeois stated they had investigated that possibility. Mr. Sullivan added that, because of the sandy nature of soil at NAVSTA TI, the utilities are not always in a bedding that provides a pathway, but that the Navy did investigate that possibility.

Ms. Smith stated this is an old project, and she is surprised the Navy does not have it completely figured out yet. Mr. Bourgeois stated they are confident they will be able to complete it this time.

Site Status Summary

Mr. Sullivan stated that, based on RAB requests, he would present a brief overview of the status of all sites using current information from the Site Management Plan (SMP). He stated there are ten open Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) sites on Navy property. Those sites are 6, 12, 21, 24, 27, 28, 30, 31, 32, and 33. Mr. Sullivan explained there are also three open CERCLA sites on California Department of Transportation (Caltrans) property, all of which are on YBI. Those Caltrans sites are 8, 11, and 29. Mr. Sullivan explained these three sites are in the middle of construction for the new Bay Bridge, which limits the Navy's ability to work on those sites. When construction of the bridge is complete, work will resume on those sites.

Mr. Sullivan stated there are two open petroleum sites on Navy property, Site 25, and pipeline area YF3. YF3 is on land being used by Caltrans for construction of the new bridge, so there is no work currently being conducted at that site. As Mr. Anderson stated earlier, Shaw will be collecting soil samples at Site 25 with plans to close that site soon. Mr. Sullivan stated there is also one petroleum site, referred to as the Pipeline Site for the U.S. Coast Guard, that crosses over both Navy and Caltrans property. Mr. Sullivan stated initial investigations have been done at that site as well as some remediation work, but work ceased when the bridge

construction began. Mr. Sullivan stated work on the Pipeline Site for the U.S. Coast Guard will be part of future discussions between the Navy, Caltrans, and the U.S. Coast Guard. Mr. Sullivan explained that the list of petroleum sites also includes underground storage tanks (UST) and aboveground storage tanks (AST), which are listed in Table 3 of the SMP.

Mr. Sullivan stated the Navy is focusing on those ten open CERCLA sites as well as petroleum Site 25. He added that the Navy would do their annual review of 2008 activities and their list of planned 2009 activities, which will provide more detail, at the December 2008 or February 2009 RAB meeting.

Upcoming Documents and Field Schedule

Documents

Mr. Sullivan introduced Campbell Merrifield (Tetra Tech) to review the Document Tracking Sheet. Ms. Merrifield stated this is her first RAB meeting, though she has been on the NAVSTA TI project for several years. Mr. Sullivan stated Ms. Merrifield is the primary author for the SMP document and many other projects. Ms. Merrifield presented the documents that are or would become available in the next 60 days:

- Final Remedial Investigation (RI) Report for Site 32, 23 September 2008
- Draft RI Report for Site 33, 19 September 2008; comments due 19 October 2008
- Final Interim RI Report for Sites 8, 28, and 29, 17 October 2008
- Final Revised RI for Site 28, 17 October 2008
- Draft Feasibility Study (FS) for Site 21, 22 September 2008
- Final Soil Gas Investigation Sampling and Analysis Plan (SAP), 18 September 2008
- Draft 2007 Annual Groundwater Status Report, Site 12, 21 September 2008
- Draft 2007 Annual Groundwater Status Report, Site 6 and 25, 9 October 2008
- Final Work Plan for Arsenic in Groundwater Pilot Study, 29 August 2008
- Draft PCB Field Activity Report, 4 October 2008
- Final Site Management Plan, 1 October 2008
- Draft Site 30 Record of Decision (ROD), 2 October 2008
- Draft Site 31 ROD, 29 September 2008
- Draft RI for Site 11, 29 September 2008
- Final Status Survey for Building 343, 7 October 2008
- Final Status Survey for Building 344, 21 October 2008
- Final Scoping Survey for Building 233, 23 October 2008
- Draft Groundwater Monitoring SAP for Sites 6 and 12, 11 September 2008, comments due 25 September 2008

Field Schedule

Ms. Merrifield reviewed field activities scheduled for the next 2 months:

- Site 24 Treatability Study Phase II, began on 21 July 2008
- Site 21 Pilot Treatability Study, beginning date 1 October 2008
- Arsenic in Groundwater Pilot Study at Site 12, beginning date to be determined
- Site 12 Groundwater Sampling, beginning date 1 September 2008

Mr. Sullivan added that the Navy had sent the BCT a Response to Comments on the Proposed Plans (PP) for Sites 30 and 31 within the previous week, and are working to finalize those documents. He added they are PPs combined with a Remedial Action Plan, or RAP. Mr. Sullivan stated the PP is a predecessor to the ROD documents being prepared. Mr. Sullivan stated the Navy is looking forward to making progress on Sites 30 and 31. He added that the Navy would like to complete the work at those two sites as soon as possible, and noted one has a daycare center and one has a playground for an elementary school, and soil removal may be part of the remediation.

Mr. Anderson asked if the public meeting for the PPs would be held in the middle of the public comment period for those documents, and Mr. Sullivan said it would. Mr. Sullivan stated that public meetings are typically scheduled for the middle of a public comment period, and the purpose of the meeting is to provide the public a chance to ask clarifying questions and to provide comments. Mr. Sullivan stated the public will still have time after the meeting to submit additional comments. Ryan Miya (DTSC) clarified that soil removal is a possible remedial alternative for Site 31, but not for Site 30. Mr. Sullivan stated Shaw had conducted a removal action at Site 30, the daycare center, prior to the opening of the center. As part of that project, they did a small amount of work at Site 31, but the rest of the work remains to be done.

June 2008 RAB Meeting Minutes

Mr. Sullivan asked for any comments on the June 2008 RAB meeting minutes, noting RAB members received a hard copy in the mail and the electronic version via email. John Gee (RAB member) stated he had a correction on page 10, noting that asbestos was removed on pipes, rather than in pipes. He also clarified that asbestos was not removed from floor tiles, but rather the floor tiles were removed. Mr. Sullivan responded that the Navy would clarify that language. There was a motion and a vote to approve the June 2008 meeting minutes pending incorporation of comments made by Mr. Gee. The June 2008 meeting minutes will be finalized.

Co-Chair Announcements

Mr. Sullivan offered the floor to Ms. Pilram to make announcements. Ms. Pilram stated she did not have any announcements. Mr. Sullivan stated his announcement was that the Navy will participate in the community picnic being held on NAVSTA TI on Saturday, 25 October 2008. Mr. Sullivan stated the Navy will host a booth with informational materials, including a RAB application. Mr. Sullivan stated the Navy will have more specific plans about their booth at the October RAB meeting. He invited the RAB members to give their input on anything they would like the Navy to have at their booth.

BRAC Cleanup Team Update

Mr. Sullivan stated the BCT held two meetings since the last RAB meeting; one in July and one in August. The July meeting was the annual day-and-a-half meeting held in San Diego. Mr. Sullivan explained having the meeting in San Diego gives more of the Navy's San Diego staff an opportunity to participate. Mr. Sullivan stated that DTSC gave an organizational update at the July meeting. Mr. Miya explained that DTSC is moving to a more regional organization rather than a military operations unit. He added that management was previously headquartered in Sacramento, but many people have been reassigned to the Berkeley office. Mr. Miya stated the changes should not cause any interruptions in service from DTSC, and would not change the relationship between the DTSC project managers and the Navy project manager. He added he would let everyone know if any of the changes look like they might impact the schedules for NAVSTA TI.

Mr. Sullivan stated that, at the July BCT meeting, the Navy had their usual update on the Site 12 removal action, as well as a detailed discussion about the Site 12 soil gas investigation. The BCT also reviewed the Draft SMP for the remainder of the first day and the second day. Each site was reviewed in detail and schedules were discussed. That information from the BCT will help the Navy finalize the SMP, and it will be sent out around October 2008.

Mr. Sullivan stated that the August meeting was a standard half-day meeting which included updates on Site 12 as well as information about the Sites 21 and 24 and Site 25 sampling. Mr. Sullivan noted that the standard meeting date for the BCT has changed. Rather than the first Tuesday of each month, the meetings are now the first Wednesday of each month. Mr. Sullivan noted that regular schedule is sometimes modified for holidays, such as moving it to the week after Labor Day week. So the next BCT meetings are scheduled for 10 September 2008 and 8 October 2008. Mr. Sullivan stated the minutes from the BCT meetings are submitted quarterly and issued, along with all of the meeting attachments. Ms. Merrifield added that the minutes will be issued on CD.

Other Public Comments and Announcements

Mr. Brennan stated that the Citizen's Advisory Board (CAB) met on the first Tuesday of August, and their meeting was held on TI. The primary topic of discussion for the CAB was the negotiations between the City and the Navy for property transfer. Mr. Brennan stated there was a presentation on a vegetation study conducted to support a tidelands trust transfer. Mr. Brennan added there was also a presentation about the TI Museum. He noted some of the docents have a formal society and talk about the museum regularly. Mr. Brennan stated the next CAB meeting may be moved because of the Labor Day holiday, and will likely be held on 9 September 2008. Mr. Brennan suggested people view the website to check the date for the CAB meeting.

Ms. Pilram stated that for updates about the TI Yacht Club people can check the website TIYC.org. Ms. Pilram added that the CAB meeting was beneficial because the TI Museum is hoping to have space on NAVSTA TI someday, and they have many interesting artifacts.

Mr. Sullivan stated there would be a TI community meeting the day after this RAB meeting. He noted the City has moved these community meetings to bimonthly from their initial monthly schedule, and they are held on the same months as the RAB meetings. Mr. Sullivan stated the Navy would be at the community meeting.

Future Meeting Agenda Items

Mr. Sullivan stated that the next meeting is scheduled for Tuesday, 21 October at the Casa de la Vista. Mr. Sullivan said the next RAB conference call is scheduled for the first Wednesday in October. Mr. Sullivan noted that the Navy's website has changed a bit. The website, listed on the back of the agenda for the RAB meeting, is www.bracpmo.navy.mil. Mr. Sullivan stated there is no longer a link to take a user directly to the NAVSTA TI specific page. However, he noted there is a lot of useful information on the home page of the website and encouraged people to review it.

August 2008 RAB Meeting Handouts

- TI RAB Meeting No. 137 Agenda, 19 August 2008
- Field Efforts, 19 August 2008
- Document Tracking Sheet, 19 August 2008
- Field Activity Update, Site 12, 19 August 2008
- Site Status Summary, 19 August 2008

NAVAL STATION TREASURE ISLAND
ENVIRONMENTAL RESTORATION ADVISORY BOARD MEETING
Tuesday, 19 August 2008
7:00 PM.
Casa de la Vista (Building 271)
Treasure Island

MEETING NO. 137

- 6:15 - 7:00 **Optional Site Tour for RAB Members (meet at Casa de la Vista)**
(non-members can attend if empty seats on the van are available)
Lead: James Sullivan, Navy Co-Chair
- 7:00 - 7:05 **Welcome Remarks and Introductions**
Lead: James Sullivan, Navy Co-Chair
- 7:05 - 7:10 **Public Comment and Announcements**
Lead: James Sullivan, Navy Co-Chair
- 7:10 - 7:30 **Site 12 (TI Housing) Removal Action and Access Update**
Lead: Pete Bourgeois, Shaw Environmental & Infrastructure
- 7:30 - 7:40 **Site 12 Arsenic in Groundwater Study**
Lead: Scott Anderson, Navy Remedial Project Manager
- 7:40 - 7:50 **Site 21 and Site 24 Treatability Studies, and Site 25 Update**
Lead: Scott Anderson, Navy Remedial Project Manager
- 7:50 - 7:55 **Site Status Summary**
Lead: James Sullivan, Navy Co-Chair
- 7:55 - 8:05 **Upcoming Documents and Field Schedule**
Lead: Kevin Hoch, Tetra Tech EMI
- 8:05 - 8:10 **June 2008 RAB Meeting Minutes**
Lead: James Sullivan, Navy Co-Chair
- 8:10 - 8:15 **Co-Chair Announcements**
Lead: Alice Pilram, Community Co-Chair
- Plans for Information Booth at the Oct. 25th Community Picnic
- 8:15 - 8:25 **BRAC Cleanup Team Update**
Lead: James Sullivan, Navy Co-Chair
- 8:25 - 8:30 **Other Public Comment and Announcements**
Lead: James Sullivan, Navy Co-Chair
- 8:30 - 8:35 **Future Meeting Agenda Items**



Field Efforts Solid Waste Disposal Areas

August 19, 2008
NAVSTA Treasure Island
RAB Meeting



Work at SWDA's

- Continued Excavation efforts at SWDA A&B
- Excavated Soil Segregated for Disposal as Either Class I, II or Low-Level RAD Waste
- Continued Scanning using the DART Equipment for Each 1-foot Layer
- Continued Maintenance of Hydro-seed and Sod
- Health & Safety:
 - Air Monitoring continues to show that no dust is leaving the fenced excavation work areas.
 - Health & Safety procedures are to protect all workers and residents in the Treasure Island Housing Area.

Excavation Work at SWDA A&B



1-Foot to 2-Foot Excavation of The Roadway in Front of Building 1321
Air Monitoring for Radiological Concerns at the Excavation Locations

Excavation Work at SWDA A&B



Excavation at The 4-Foot Level Behind Building 1123

Bin Loading from Soil Stockpile at Site 6



Loading of Bins with Low-Level RAD Contaminated Soil at Site 6, Air Monitoring During Loading Activity

Excavation Status at SWDA A&B



Disposal of Soil Not impacted by Low Level RAD



In Class I Cal-Haz Waste Soil, Roughly 9,800 Tons has been Disposed Of Off-site at an Approved Landfill. Currently stockpiled for disposal there is 450 tons of soil.

In Class II Non-Cal-Haz Waste Soil, Roughly 10,000 Tons has been Disposed Of Off-site at an Approved Landfill. Currently stockpiled for disposal there is 1,100 tons of soil.

Disposal of RAD Impacted Soil



To Date at Site 6:

EMS has roughly 95 Bin's on Site

**Total Soil Stored = Roughly 1,682 Tons in Bins
Stockpiled Soil with Low Level RAD Waste =
Roughly 2,478 tons**

- Each Bin contains roughly 17.7 tons of Low Level Radiological Waste**
- Bins are Currently Being Weighed and Sampled by EMS**
- EMS has Removed 319 Bins for Disposal Starting on the 20th of February**

SWDA Restoration



Project Duration: Updated Current Forecast:
Excavation Work at SWDA A&B Started on September 25, 2007
with an Estimated Completion Date of November 2008

**Completion of soil disposal / demobilization: November/December
2008**

Next Navy RAB Meeting:
The Casa De la Vista
Tuesday, October 21st at 7:00 PM
James.b.sullivan2@navy.mil

Navy Web Site:
www.bracpmo.navy.mil

Field Efforts For the In Situ Anaerobic Bioremediation Study, Phase II: Site 24



August 19, 2008
NAVSTA Treasure Island
RAB Meeting

Drilling Efforts at Site 24



- Prior to Drilling, Each Location Was Hand-Augured to 5-Feet below ground surface. Making Sure an Unidentified Utility was not Present.

Drilling Efforts at Site 24



Drilling of Temporary Well TW-26

Drilling Efforts at Site 24

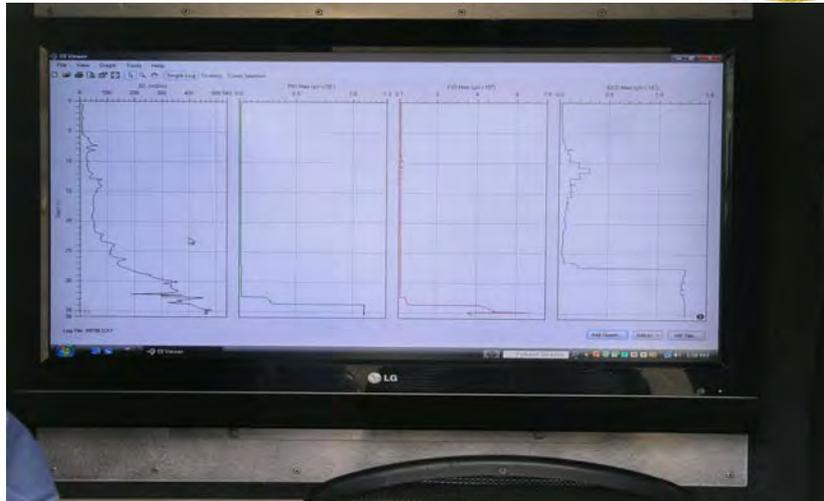


Drilling Efforts for the Membrane Interface Probe (MIP) Locations



MIP Probe

Drilling Efforts at Site 24



Real Time Data Collected from MIP Probe Down Hole While Drilling

Schedule and Next Steps at Site 21/24

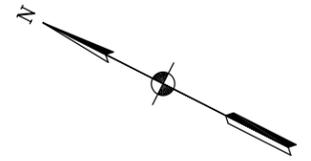


• Field Work:

- FLUTe (Flexible Liner Underground Technologies, Ltd., Co.) Drilling 8/18 to 8/20/2008
- Construction Of Site Extraction/Injection System will start in early September 2008
- Site 21 Well Pumping will begin October 1, 2008 (duration roughly 1 month)
- Site 21/24 Treatability Study and Associated Performance Monitoring is Anticipated to Continue Through November 2009

IMAGE X-REF OFFICE CONC DRAWN BY SUZ CHECKED BY AMN APPROVED BY BM DRAWING NUMBER 122412-B17

SAN FRANCISCO BAY



GATES AND FENCING CONTROLLING PERIMETER ROAD ACCESS

PERIMETER ROAD GATE

SITE 6

SWDA 1231/1233

SWDA 1207/1209

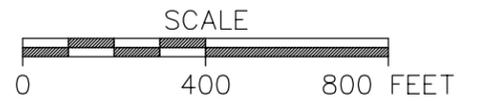
PERIMETER ROAD GATE

PERIMETER ROAD GATE

SWDA A&B

DRY

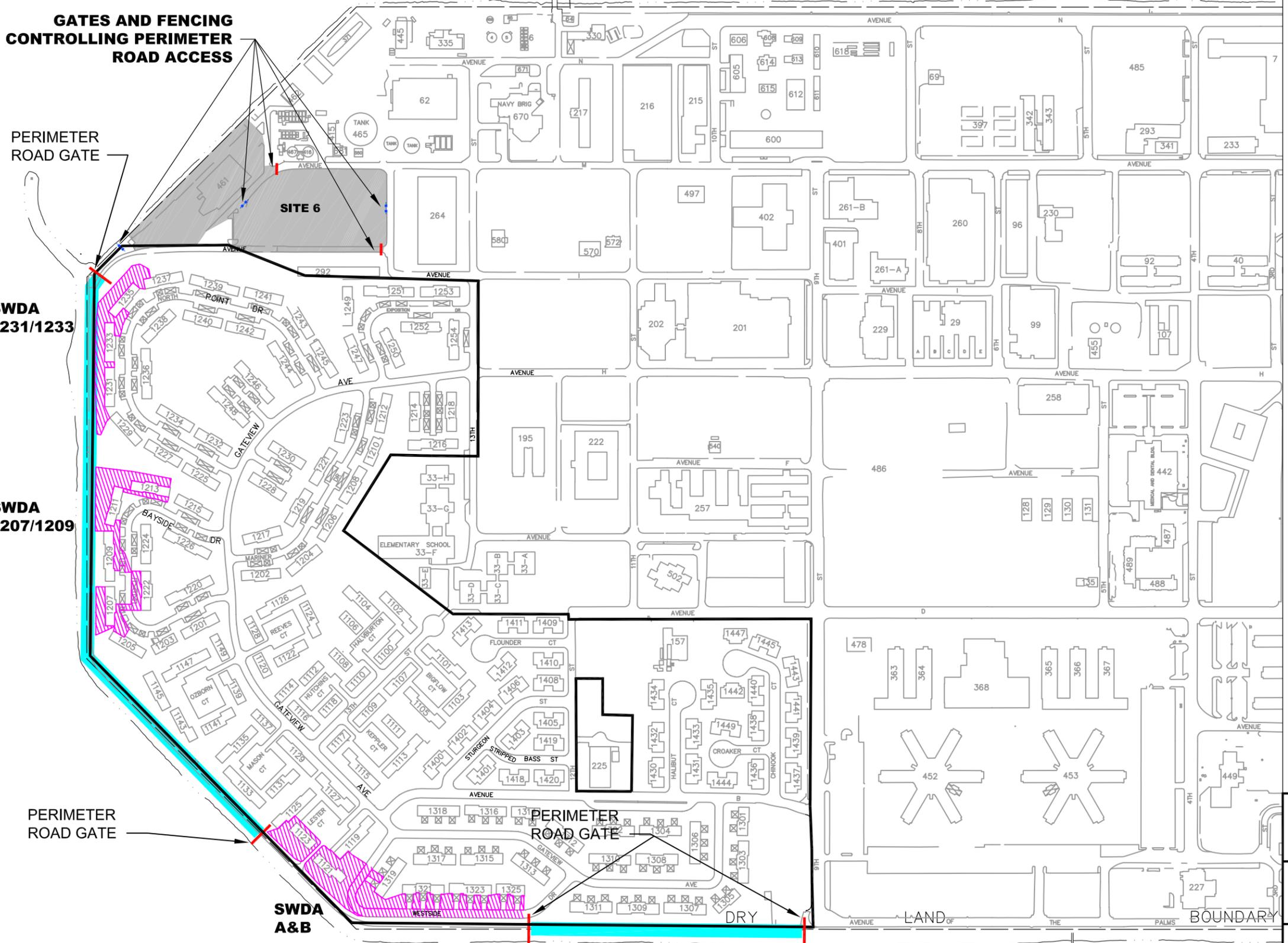
- LEGEND**
-  EXCAVATION AREAS
 -  EXCLUSION ZONES
 -  SITE 12 BOUNDARY
 -  SECTION OF PERIMETER ROAD ACCESSIBLE TO PUBLIC
 -  AREA OFF LIMITS TO PUBLIC
 -  GATE
 -  FENCE



DEPARTMENT OF THE NAVY
BRAC PMO WEST
SAN DIEGO, CALIFORNIA

FIGURE 9
SITE 12 PERIMETER ROAD
PUBLIC ACCESS MAP

NAVAL STATION TREASURE ISLAND



**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
August 2008 - January 2009**

Item	Document Title & Information	CTO/DO	INTERNAL DRAFT		DRAFT							RTC		INTERNAL F I N A L		F I N A L	Comments									
			Internal Draft Due to Navy	Navy Comments Due	Draft to Agencies	Agency Comments						Preliminary RTCs to Agencies	Resolve and Concur on RTCs	Internal Final to Navy	Navy Comments Due	Final to Agencies										
						Date Due	DTSC	Water Board	EPA	TIDA	RAB							OTHER	Priority Level							
SulTech - Non Petroleum Related Documents																										
1	Site 32 Remedial Investigation Report	94	08/18/06	✓	09/17/06	✓	10/20/06	✓	02/14/07	✓	✓	✓	✓	✓	✓	07/27/07	✓	NA	08/22/08	09/09/08	09/23/08	*Other* agency comments provided by US Fish and Wildlife.				
	RPM: Scott Anderson																									
	PM: Christopher Ohland																									
2	Site 33 Remedial Investigation Report	103	09/07/06	✓	10/16/06	✓	09/19/08		10/19/08							11/09/08		11/09/08	11/19/08	11/29/08	12/13/08					
	RPM: Scott Anderson																									
	PM: Kevin Hoch																									
	Site 24 Remedial Investigation Report/ Focused Feasibility Study	92 /123	12/22/06*	✓	01/31/07*	✓	04/30/07	✓	07/02/07	✓	✓	✓	✓	✓		03/17/08	✓	04/01/08	✓	06/10/08	✓	06/22/08	✓	07/03/08	✓	* Navy technical review ** Navy legal review
	RPM: Scott Anderson																									
	PM: Jean Michaels																									
3	Sites 8, and 29 Interim RI Report	104	07/23/07	✓	08/10/07	✓	11/19/07	✓	12/19/07	✓	X	✓	✓			08/29/08		09/08/08	09/19/08	10/03/08	10/17/08		Water Board deferred to DTSC by email 1/15/2008.			
	RPM: James Whitcomb																									
	PM: John Warmerdam																									
4	Site 28 Revised Remedial Investigation Report	104	NA	✓	NA	✓	NA	✓	NA	✓	X	✓	✓			08/29/08		09/08/08	09/19/08	10/03/08	10/17/08		Site 28 Revised RI was separated from Sites 8 and 29 Data Summary for the Internal Final and Final versions.			
	RPM: James Whitcomb																									
	PM: John Warmerdam																									
5	Site 21 Feasibility Study	144	7/28/08*	✓	8/19/08*		09/22/08		10/22/08							TBD		TBD	TBD	TBD	TBD	TBD		* Navy technical review ** Navy legal review		
	RPM: Scott Anderson																									
	PM: Jean Michaels																									
6	Soil Gas Investigation SAP	117	04/11/08	✓	05/28/08	✓	06/04/08	✓	06/17/08	✓	✓	✓	✓			08/22/08		08/29/08	09/04/08	09/11/08	09/18/08					
	RPM: James Whitcomb																									
	PM: John Warmerdam																									
7	Site 27 Feasibility Study	43	9/8/08*		9/22/08*		11/19/08		12/19/08							01/16/09		02/01/09	02/06/09	02/16/09	03/02/09		*Navy technical review **Navy legal review			
	RPM: Charles Perry																									
	PM: Katie Henry																									
Sullivan Consulting Group/Tetra Tech EM Inc. - Non Petroleum Related Documents																										
	2006 Annual Groundwater Status Report, Sites 6A and 25	CLIN0002	04/24/07	✓	05/04/07	✓	06/12/07	✓	07/12/07	✓	✓	X	✓			12/21/07	✓	NA	✓	04/11/08	✓	04/15/08	✓	04/24/08	✓	
	RPM: James Whitcomb																									
	PM: Hannah Thompson																									
8	2007 Annual Groundwater Status Report, Site 12	CLIN0002	05/30/08	✓	06/17/08	✓	07/03/08	✓	08/24/08				✓			1	09/21/08		NA	08/31/08	09/10/08	09/21/08				
	RPM: James Whitcomb																									
	Hannah Thompson																									

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
August 2008 - January 2009**

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			Internal Draft Due to Navy	Navy Comments Due	Draft to Agencies	Date Due	Agency Comments					Priority Level	Preliminary RTCs to Agencies	Resolve and Concur on RTCs	Internal Final to Navy	Navy Comments Due		Final to Agencies							
							DTSC	Water Board	EPA	TIDA	RAB								OTHER						
Sullivan Consulting Group/Tetra Tech EM Inc. - Non Petroleum Related Documents (Continued)																									
9	2007 Annual Groundwater Status Report, Sites 6 and 25 RPM: James Whitcomb Hannah Thompson	CLIN0002	06/20/08	✓	08/13/08	✓	09/09/08	10/09/08							2	11/06/08	NA	11/16/08	11/26/08	12/07/08					
Shaw Group																									
	Site 21 and Site 24 Work Plan RPM: Scott Anderson PM: Pete Bourgeois	FZN1	10/23/07	✓	10/30/07	✓	01/17/08	✓	02/15/08	✓	X	✓	✓			06/13/08	✓	TBD	TBD	TBD	07/11/08	✓	Water Board emailed 2/27, no comments. DTSC comments received via email 4/11/2008.		
10	Site 12 Work Plan for Arsenic in Groundwater Pilot Study RPM: Scott Anderson PM: Pete Bourgeois	FZN1	09/27/07	✓	10/29/07	✓	11/15/07	✓	12/21/07	✓	✓	X	✓			TBD		TBD	TBD	TBD	08/29/08		EPA deferred comments to DTSC/Water Board via email 1/11/2008.		
11	PCB Field Activity Report RPM: Scott Anderson PM: Pete Bourgeois	FZN1	08/05/08	✓	08/20/08		09/04/08	10/04/08								TBD		TBD	TBD	TBD	TBD				
Tetra Tech EM, Inc.																									
	Island Times Newsletter #14 RPM: Charles Perry PM: Marcie Rash	FZN6	02/18/08	✓	05/30/08	✓	05/30/08	✓	06/13/08	✓	X	✓	✓	✓		NA		NA	07/25/08	✓	08/01/08	✓	08/08/08	✓	Hard copy was mailed on 8/15/08
12	Fact Sheet: Radiological Program Update RPM: James Whitcomb PM: Marcie Rash	FZN6	TBD		TBD		TBD	TBD								TBD		TBD	TBD	TBD	TBD				
13	Site 12 Radiological Risk Assessment RPM: James Whitcomb PM: Marcie Rash	FZN6	TBD		TBD		TBD	TBD								TBD		TBD	TBD	TBD	TBD			Document in RASO review	
14	Site Management Plan RPM: Charles Perry PM: Marcie Rash	FZN6	05/30/08	✓	06/23/08	✓	06/27/08	✓	08/01/08	✓	✓	X	✓			08/23/08		TBD	09/06/08	09/16/08	10/01/08			DTSC commented at the July BCT Meeting. EPA had no comments per 8.13.2008 email.	
Barajas & Associates, Inc.																									
15	Site 30 Proposed Plan RPM: Charles Perry PM: Margaret Berry	17	12/22/06	✓	03/06/07	✓	03/23/07	✓	06/18/07	✓	✓	✓	✓	✓		03/07/08	✓	TBD	TBD	TBD	TBD			Revised draft PP to be submitted to DTSC 8/22/08.	

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
August 2008 - January 2009**

Item	Document Title & Information	CTO/DO	INTERNAL DRAFT		DRAFT							RTC		INTERNAL FINAL		FINAL	Comments					
			Internal Draft Due to Navy	Navy Comments Due	Draft to Agencies	Agency Comments					Priority Level	Preliminary RTCs to Agencies	Resolve and Concur on RTCs	Internal Final to Navy	Navy Comments Due	Final to Agencies						
						Date Due	DTSC	Water Board	EPA	TIDA								RAB	OTHER			
Barajas & Associates, Inc. (Continued)																						
16	Site 31 Proposed Plan	17	01/19/07	✓	03/06/07	✓	03/23/07	✓	06/18/07	✓	✓	✓	✓	✓	✓	02/25/08	✓	TBD	TBD	TBD	TBD	Revised draft PP to be submitted to DTSC 8/22/08.
	RPM: Charles Perry PM: Margaret Berry																					
17	Site 30 Record of Decision	17	04/30/08	✓	09/18/08		10/02/08		11/01/08							TBD		TBD	TBD	TBD	TBD	
	RPM: Charles Perry PM: Margaret Berry																					
18	Site 31 Record of Decision	17	04/23/08	✓	09/12/08		09/26/08		10/26/08							TBD		TBD	TBD	TBD	TBD	
	RPM: Charles Perry PM: Margaret Berry																					
19	Site 11 Remedial Investigation Report	16	01/18/08	✓	09/15/08		09/29/08		10/29/08							TBD		TBD	TBD	TBD	TBD	
	RPM: Scott Anderson PM: Margaret Berry																					
Tetra Tech EC, Inc.																						
20	Final Status Survey for Building 343	21	12/26/07	✓	03/13/08	✓	04/07/08	✓	05/07/08	✓	X	X	✓	✓		05/21/08	✓	08/29/08	09/02/08	09/15/08	10/07/08	
	RPM: James Whitcomb PM: Brian Maidrand																					
21	Final Status Survey for Building 344	21	01/02/08	✓	01/31/08	✓	05/07/08	✓	07/11/08	✓	X	X	✓	✓		07/10/08	✓	08/29/08	09/15/08	09/29/08	10/21/08	5.28.2008 Water Board emailed they will not provide comments.
	RPM: James Whitcomb PM: Brian Maidrand																					
22	Scoping Survey Report for Building 233	21	01/04/08	✓	03/13/08	✓	05/07/08	✓	07/11/08	✓	X	✓	✓	✓		08/19/08		09/03/08	09/17/08	10/01/08	10/23/08	5.28.2008 Water Board emailed they will not provide comments.
	RPM: James Whitcomb PM: Brian Maidrand																					
Trevet																						
23	Site 6 and 12 Groundwater Monitoring SAP	TBD	07/14/08	✓	09/04/08		09/11/08		09/25/08							09/30/08		10/05/08	10/12/08	10/19/08	10/30/08	
	RPM: James Whitcomb PM: Greg Alyanakian																					

✓ Production or review of document is complete.
X Received notification of no comments or comments deferred to other agency.

Abbreviations: CTO = Contract Task Order
DHS = Department of Health Services
DO = Delivery Order
DTSC = Department of Toxic Substances Control
EU = Exposure Unit
HSP = Health and Safety Plan

NA = Not Applicable
PCB = Polychlorinated Biphenyls
PM = Project Manager
RAB = Restoration Advisory Board
RPM = Remedial Project Manager
SAP = Sampling and Analysis Plan

TBD = To Be Determined
TIDA = Treasure Island Development Authority
Water Board = Regional Water Quality Control Board

Grey shading indicates the document is finalized.
Blue shading indicates agency review comments are due within the next 60 days or are outstanding.
Yellow shading indicates documents that will be issued draft or final within the next 60 days.

**Naval Station Treasure Island
Navy Field Schedule
August 2008-October 2008**

Item	Activity & Investigation Area	DTR #	Field Dates	Navy RPM	CTO/DO	PM	FTL	Complete
Shaw								
1	Site 24 Treatability Study Phase II	Doc	Start: 07/21/08	Scott Anderson	FZN1	Peter Bourgeois (415) 277-6983	David Cacciatore (925) 288-2299	
		Site 24	10	Finish: TBD				
2	Site 21 Pilot Treatability Study	Doc	Start: 10/01/08	Scott Anderson	FZN1	Peter Bourgeois (415) 277-6983	Dan Leigh (925) 288-2193	
		Site 21	10	Finish: TBD				
3	Non-Time Critical Removal Action Site 12	Doc N/A	Start: 02/26/07 Finish: 11/31/2008	Jim Whitcomb (619) 532-0936	10	Peter Bourgeois (415) 277-6983	Peter Bourgeois (415) 277-6983	
4	Arsenic in Groundwater Pilot Study	Doc	Start: TBD	Scott Anderson	FZN1	Peter Bourgeois (415) 277-6983	Peter Bourgeois (415) 277-6983	
		Site 12	11	Finish: TBD				
SulTech								
6	Soil Gas Investigation Site 12	Doc 6	Start: September Finish: TBD	James Whitcomb (619) 532-0936	STAECRU	John Warmerdam (415) 222-8254	Hannah Thompson (415) 321-1786	
TBD								
7	Site 12 Groundwater Sampling	Doc	Start: September	Jim Whitcomb	CLIN	Greg Alaynakian (858) 869-3110	Greg Alaynakian (858) 869-3110	
		Site 12	N/A	Finish: TBD				
EMS								
8	Site 12 Removal Action Soil Sampling Site 12	Doc N/A	Start: 12/05/07 Finish: TBD	Jim Whitcomb (619) 532-0936	NA	Dawn Roarty (916) 919-4785	Salem Attiga (925) 939-0687	

CTO - Contract Task Order
 DO - Delivery Order
 DTR # - Denotes document tracking reference. The number listed corresponds to the associated documentation listed on the Document Tracking Sheet
 FTL - Field team lead
 N/A - not applicable, there is no associated documentation listed on the DTS.
 RPM - Remedial Project Manager
 TBD - To Be Determined

✓ Field work is complete.

Yellow shading indicates field activities that will start or finish within the next 60 days.

Grey shading indicates field activities are complete.



Site Status Summary Treasure Island & Yerba Buena Island

Information taken from the NAVSTA TI Site Management Plan (SMP)

August 19, 2008
NAVSTA Treasure Island
RAB Meeting



CERCLA Sites:

- No. of open CERCLA sites on Navy property = 10
 - IR 6, 12, 21, 24, 27, 28, 30, 31, 32, and 33
- No. of open CERCLA sites on Caltrans property = 3
 - IR 8, 11 and 29

Petroleum Sites: (See SMP Table 3 for more details)

- No. of open sites on Navy property = 2
 - IR 25 and Pipeline Site YF3 (on Caltrans easement)
- No. of open sites on Caltrans or Coast Guard prop. = 1
 - Pipeline Site USCG