HUNTERS POINT NAVAL SHIPYARD
BASE REALIGNMENT AND CLOSURE CLEANUP TEAM
MEETING NOTES

July 9, 2020

These notes summarize the Navy Base Realignment and Closure (BRAC) Cleanup Team (BCT) meeting for Hunters Point Naval Shipyard (HPNS) in San Francisco, California. The meeting was held on July 9, 2020 via teleconference.

I. Introductions and Agenda Review

Mr. Derek Robinson (Navy) performed introductions and reviewed the action items from the June 11, 2020 BCT meeting.

II. Navy Business/Action Items (Derek Robinson, Navy)

The following is a summary of the status of the action items from the June 11, 2020 BCT provided by Mr. Robinson (Navy):

Item	Description	Status
1	The Navy will set up a call with the BCT regarding radiological dust monitoring during onsite activities.	Ongoing. Meeting with USEPA held on 3/31/20; crosswalk provided on 5/1/20. EPA provided comments on 5/22/20.
2	The Navy will set up a call with the BCT regarding the path forward at Parcel B IR-26.	Pending
3	The BCT will submit specific requests concerning the S3 soil sorting demonstrations and their respective area of interest by May 15, 2020.	Complete
5	The Navy will provide a weekly Parcel E field update to the BCT for the next four weeks.	Pending
6	The BCT will email the Navy regarding traveling to San Diego in September.	Complete, per July BCT meeting

Ms. Nina Bacey (Department of Toxic Substances Control [DTSC]) asked that the BCT also receive weekly Parcel C fieldwork updates. Mr. Leo Larson (Navy) noted that they will do a 4-week fieldwork look ahead for the parcels.

III. Document Tracking/Upcoming Fieldwork (Paul Stoick, Navy)

Mr. Paul Stoick (Navy) noted that current documents under regulatory review include the draft remedial action work plan for Phase III Parcel C, the draft interim remedial action completion report for Parcel C Phase I, the Parcel D-1 Explanation of Significant Differences (ESD) and revised Land Use Control Remedial Design (LUC RD), the Parcel E-2 Phase II remedial action completion report, and the draft Parcel F Submarine Pens Scoping Survey.

Mr. Robinson (Navy) noted that the Navy submitted the draft Parcel LUC RD for regulatory review anticipating minimal change in the conclusions. He reasoned that regardless of how the ESD document is handled within the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) process, it will have limited impact on the LUC RD. Ms. Amy Brownell (City of San Francisco) noted that in her opinion there is language included within each document that needs to be identical and it would be helpful to review and work on both documents concurrently. Ms. Bacey (DTSC) noted that she will review the language in the LUC RD as it relates to the ESD but she thinks the LUC RD should be put on hold until the BCT receives the response to agency comments from the Navy. Ms. Karen Ueno (U.S. Environmental Protection Agency [USEPA]) noted that the BCT has not yet decided if the document will be an ESD or a Record of Decision (ROD) Amendment. As a result, she thinks the LUC RD should be put on hold until after public participation on the ESD document. Per discussion with the BCT, the Navy will request an extension to the Draft LUC RD to October 1, 2020.

Ms. Leslie Howard (Navy) confirmed that responses to agency comments were submitted with the draft final Parcel E-2 remedial action completion report. Ms. Bacey (DTSC) noted that she hasn't received the document yet. The Navy will resend the document to DTSC.

A concern over document file sizes was discussed. Members of the BCT noted that they have trouble downloading documents and attachments that are greater than 100 megabytes. A request was made that the Navy break down the documents into smaller pieces and use the Navy's document transfer portal in the future.

Ms. Bacey (DTSC) noted that three of the draft radiological rework work plans are coming out at the same time and the agencies will not be able to review all three concurrently in a timely manner. The Navy agreed to request extensions on the rework work plans based on the priority for cleanup by parcel. The Navy noted all the work plans will be very similar to each other and asserted they will be flexible with the agencies should additional review time be necessary.

Ms. Yolanda Sanchez (USEPA) requested a status on the finalized Parcel C Phase II remedial action work plan. Mr. Stoick (Navy) noted that the document is no longer in informal dispute because the Navy has agreed to provide another work plan that will focus on characterization of the deep-water aquifer on Parcel C. The Navy will follow up with the BCT regarding the status and path forward on this document.

IV. Miscellaneous Topics/Update (Derek Robinson)

Mr. Wayne Praskins (USEPA) asked for an update on the proof of concept testing for the soil sorter and its ability to detect cesium-137. Mr. Leo Larson (Navy) asserted that they are finalizing the pre-operation testing report for the soil sorter and that it will include an analysis of cesium-137 detections and provide recommendations. He noted, that the Navy is having trouble finding onsite soil to use for the proof of concept testing for cesium-137. Furthermore, the process will need to better account for background levels within the parcels, allowing for a more realistic cesium-137 screening value. The Parcel E work plan will allow the Navy to use the background levels established for HPNS by the most recent background study. Mr. Praskins (USEPA) noted that it would be good for the agencies to understand the alarm level for cesium-137 soil sorter and how it's programmed to alarm. The Navy asserted this information will be included in the pre-operational testing report. Ms. Bacey (DTSC) asked at what level the

background setting for radium-226 is set. Mr. Larson (Navy) said that it is set at one plus background value. Mr. Larson (Navy) noted that to date they have only processed 500 cubic yards of the expected 10,000 cubic yards of soil scheduled for proof of concept testing. Approximately three yards of soil, of the 500 cubic yards processed, was cleared. The remainder (about 497 cubic yards) was diverted due to the cesium-137 alarm on the soil sorter, and therefore not cleared. The Navy agreed to forward a video of the soil sorting machine to the BCT to evaluate the dust controls measures.

Ms. Maeve Clancy (USEPA) noted that air quality data from March 2020 posted to the Navy's website for the Parcel E Phase II project noted four days of non-detect concentrations for particulate matter which is unusual. Ms. Liz Roddy (Navy) reached out to the contractor and there was an error in the laboratory data spreadsheet. The Navy will post a revised report and will conduct a corrective action report to explain the issue. Moving forward, the air monitoring reports will also include the wind direction. Ms. Clancy (USEPA) asked if they would continue to subtract the upwind from the downwind even on days where wind direction is variable or stagnant. Ms. Roddy (Navy) noted that the information will likely be documented in the field, but she assumes that the reports will continue to report upwind minus downwind. Ms. Clancy (USEPA) asked that the Navy's contractor consider the upwind vs. downwind when reviewing the data. The Navy will provide the BCT additional information regarding the subtraction of upwind vs. downwind in the air monitoring at Parcel E.

Mr. Praskins (USEPA) asked the Navy for the type of communication that the BCT will be receiving once the Parcel G fieldwork starts. The Navy is working to determine this and will report back to the BCT.

Ms. Clancy (USEPA) noted that the USEPA thinks that the Navy should conduct quality assurance using co-location of air monitoring equipment outside of regular fieldwork hours on a weekly basis. If there are two continuous monitors, then one could be brought over on a regular basis to perform a quality check of the other operating air monitor.

V. Navy Contracting Process and FFA (Derek Robinson, Navy)

Mr. Robinson (Navy) noted that the Navy's cleanup budget is projected on a 30-year planning horizon, with solid budget numbers decided for the next 5 years, and then "locked in" at 3 years out. The Navy's budget is dependent on those projections, the ability to justify the projections, and the Navy's demonstrated use of their budget. The budget is also tied to the Federal Facilities Agreement (FFA) schedule. The Navy's budget is impacted if they aren't adhering to the FFA schedule and/or are not spending the money that has been allocated. If the Navy delays too much on the three-year basis, the Navy's budget can be adversely affected (i.e. reduced). Mr. Robinson (Navy) noted that this is one of the reasons why the Navy tries to stick to the schedule and work within the FFA process.

VI. Community Outreach (Derek Robinson, Navy)

Mr. Robinson (Navy) noted that the Navy will host a virtual community meeting for the HPNS residents on July 23, 2020 and sent out an email to the community announcing the meeting on July 9, 2020. The community update section of the Navy's website will also announce the

meeting. Topics will include Parcel E and Building 253/211 fieldwork. Ms. Sanchez (USEPA) noted that Supervisor Walton reached out to the USEPA regarding an update on the fieldwork at HPNS. Ms. Sanchez (USEPA) noted that they would be happy to present along with the Navy. Mr. Robinson (Navy) also talked with Supervisor Walton and sent along some information and would be happy to meet to answer questions. Mr. Robinson (Navy) will send a follow-up email to see if there are any additional questions or concerns regarding the background soil study and how the results would be used. Ms. Sanchez (USEPA) noted that it's a federal requirement that meetings be transcribed and Mr. Robinson (Navy) noted that they are working on having a transcript or closed captioning for the upcoming meeting.

Ms. Sanchez (USEPA) asked the Navy to include in the community presentation some discussion of how the background data will be utilized in the upcoming fieldwork.

VII. New Action Items/Future Meetings (Derek Robinson, Navy)

- The Navy will provide weekly fieldwork updates to the BCT for Parcel C remedial actions.
- The Navy will request an extension for the Draft LUC RD to October 1, 2020.
- The Navy will request an extension to individual Parcel radiological rework work plans based on the priority review.
- The Navy will send DTSC a copy of the draft final Parcel E-2 remedial action completion report following the meeting.
- The Navy will report back to the BCT regarding the status of, and path forward for, the finalized Parcel C Phase II work plan.
- The Navy will provide a video of the dust generation activities and mitigation measures from soil sorting operations on Parcel E to the BCT.
- The Navy will provide additional information regarding the subtraction of upwind vs. downwind in the air monitoring data at Parcel E.
- The Navy will propose to the BCT their preferred method for communicating fieldwork updates to the agencies during the Parcel G rework.

Next Meetings:

- The next BCT meeting is scheduled to be held on August 6, 2020 via teleconference.

Meeting participants: (all participating via telephone)

Nina Bacey, DTSC
Liz Basinet, INYA
Karla Brasaemle, TechLaw
Amy Brownell, City
John Chesnutt, USEPA
Maeve Clancy, USEPA
Derrick Coleman, INYA
Sharon Ohannessian, Navy
Dennis Rourke, Navy
Wayne Praskins, USEPA
Christina Rain, Langan
Derek Robinson, Navy
Liz Roddy, Navy
Yolanda Sanchez, USEPA

Jamie Egan, Jacobs
Leslie Howard, Navy
Leo Larson, Navy
Tina Low, Water Board
Sean-Ryan McCray, Navy
Hamid Naimi, Navy
Radhika Sreenivasan, E2 Consulting
Paul Stoick, Navy
David Tanouye, Water Board
Karen Ueno, USEPA
Heather Wochnick, Navy