

Former Titan 1-A Missile Facility: Restoration Advisory Board (RAB) Meeting #3

October 24, 2024

Call to Order

- The meeting began at 4:00 PM by Moderator Tyler Stalker of the U.S. Army Corps of Engineers (USACE).

Approval of Minutes from July 2024 RAB Meeting

- Tyler Stalker asked if there were any edits to the minutes from the July 2024 RAB meeting, besides the one typo that was corrected.
- RAB Member Tom Denzler moved to approve the minutes and RAB Member Rick Carreiro seconded this.

ACTION ITEM: The minutes were unanimously approved and will be published on the USACE project website.

REVIEW OF RAB MEETING PROCEDURES

- Moderator Tyler Stalker provided an update on the RAB meeting procedures. Major findings include:
 - RAB meetings are not intended to be public meetings.
 - RAB meetings are open for the public to attend, but public comments and questions will be limited to the public feedback portion of the agenda.
 - Attendees will have a total of three minutes to speak during the public feedback portion, but this is not considered a question and answer period and comments/questions may not be answered during this meeting.

ACTION ITEM: RAB meeting agenda, meeting minutes, and a video recording of the meeting will be posted on the project website.

COMMUNITY CO-CHAIR REPORT

- Ranny Eckstrom, the Community Co-Chair of the RAB, provided a community update, during which she reminded the audience that RAB is not a decision-making body and that the RAB's goal is to see the cleanup of the Site in a way that is legal, adheres to the required procedures, and enables open, honest communication with public. Ranny noted that the RAB recently established a project webpage on the Sun City Lincoln Hills website, but that this webpage is only able to be viewed by residents of Sun City Lincoln Hills.
- **ACTION ITEM: Ranny also noted that RAB Member Sandi Dolbee plans to set up a NextDoor social media account where she will be posting project updates for the public.**

NEW REGIONAL WATER QUALITY CONTROL BOARD RAB MEMBER

- Co-Chair Ranny Eckstrom introduced the new Regulatory RAB Member, Robert Fagerness from the Central Valley Regional Water Quality Control Board (Water Board). Robert will be replacing the former Regulatory Water Board RAB Member, Kyle Cockerham who recently retired.
- RAB Member Sandi Dolbee provided an update on chemical vapor monitoring badges, of which she purchased two since the July 2024 RAB meeting. Sandi stated that these badges are not approved for use by the Environmental Protection Agency as they provide “snapshots” of contamination levels rather than long-term testing results, but that they do comply with accuracy requirements from the National Institute for Occupational Safety and Health (NIOSH) and Occupational Safety and Health Administration (OSHA). Sandi placed these badges within the home of a volunteer that lives near the Site for a sampling period then provided the badges to a lab for analysis of trichloroethylene (TCE) concentrations. The lab found that both badges showed TCE readings below the OSHA’s exposure limits.

TECHNICAL PRESENTATIONS

- Carrie Ross, the project manager with Parsons (USACE Contractor), delivered a technical presentation which provided updates on recently completed field work and upcoming work. Major findings include:
 - USACE conducted semi-annual groundwater and soil vapor sampling, submitted the Remedial Investigation Report and Treatability Study Work Plan to the Water Board for review, and began drafting the Feasibility Study.
 - For the remainder of 2024 and in early 2025, USACE plans to finalize the Spring 2024 Semi-Annual Sampling Report, conduct semi-annual sampling and prepare the Fall 2024 Semi-Annual Sampling Report, finalize the Remedial Investigation Report and Treatability Study Work Plan, and conduct the Treatability Study.
 - RAB Member Sandi Dolbee asked when they can expect the Spring Semi-Annual Sampling Report to be publicly available and why the review process takes so long. Carrie Ross stated that the report will be available once USACE provides final approval in November 2024 and explained the steps that contribute to elongating the process, including data analyzation, data validation, USACE review process, revisions, etc.
 - RAB Member Jeffrey Callison questioned the difference between the Remedial Investigation Report and Treatability Study Work Plan. Carrie Ross stated that the Remedial Investigation Report summarizes the data collected, including a risk assessment, while the Treatability Study Work Plan is a standalone document that provides details on the field study planned to aide in the development of potential remedies.
 - RAB Member Jeffrey Callison asked if the Treatability Study will examine various potential remedies and Carrie Ross clarified that it will only look at one remedy. Jeffrey followed up to clarify if the remedy examined doesn’t work, if there will be an additional Treatability Study. Carrie stated in that

case, they would look at the data collected and come up with the best path forward.

- RAB Member Steve Sterling asked if there will be an addendum to the Remedial Investigation Report once the latest round of sampling data has been analyzed. Carrie Ross noted that there is enough available data to complete a comprehensive remedial investigation. In order to continue moving through the CERCLA process, the plan is to incorporate the new data into future reports.
- Matt Marlatt, Section Chief with the USACE and the technical lead on this Site, provided an update on USACE's process and required documents. Major findings include:
 - USACE is revising the Remedial investigation Report per the Water Board's comments; this document will summarize findings of sampling results and risk and will be finalized in December 2024.
 - Co-Chair Ranny Eckstrom asked if there will be a public meeting associated with this document. Matt Marlatt stated the USACE is not planning a public meeting for this document, but that there will be a public meeting for the proposed cleanup plan in the future.
 - The USACE will prepare a Feasibility Study, which will examine several cleanup alternatives and will be completed in early 2025.
 - The USACE will prepare a Proposed Plan, which will select a preferred cleanup alternative and will include public meeting and public comment period, likely in 2026.
 - The USACE will prepare the Record of Decision following the Proposed Plan public comment period, which will select the cleanup alternative and will incorporate public comments received.
 - The USACE will prepare the Remedial Design followed by the Remedial Implementation, which will come in 2027 and 2028 respectively.
 - Co-Chair Ranny Eckstrom asked where the Treatability Study fits in and Matt Marlatt stated that the data from that Study will be incorporated into the process.
 - RAB Member Tom Denzler noted that there was some cleanup 20 years ago and asked if the cleanup alternatives have changed since then. Matt Marlatt stated that the USACE did a pilot study extraction in 2000, but that this is not an alternative they are looking at as they want a faster cleanup. Matt noted that cleanup methods have changed slightly in this time.
 - RAB Member Jeffrey Callison asked how the USACE narrows down the cleanup alternatives from several to one. Matt Marlatt stated that it is an internal process. Moderator Tyler Stalker added that there is an analysis process that considered efficacy, risk, cost, and other factors.
 - Moderator Tyler Stalker noted that there is an informational public meeting that will be held in early 2025 that will give an update to the community and offer a chance to answer more questions.
 - Co-Chair Ranny Eckstrom asked how the USACE ensures checks and balances during the review process. Matt Marlatt stated that the USACE has

specific reviewers with different areas of expertise and that the review process can involve 12-100 people. Ranny clarified if anyone other than people from USACE and the Water Board will be reviewing and Matt confirmed that the Water Board is the only regulatory agency involved in this project.

WATER BOARD PRESENTATION

- Regulatory RAB Member Robert Fagerness provided an overview of the Central Valley Regional Water Quality Control Board. Major findings include:
 - There are nine regional departments of the California Water Board and the Sacramento office of the Central Valley Regional Water Quality Control Board oversees this project.
 - There are three projects within Lincoln Hills that are being overseen by the Central Valley Regional Water Quality Control Board: The Titan 1-A Missile Facility, the former Placer County gun ranges, and the Hidden Hills development that is currently being built near the Titan 1-A Missile Site.
 - The Water Board's role includes overseeing the USACE, reviewing soil vapor and groundwater monitoring data, and reviewing technical documents.
 - Co-Chair Ranny Eckstrom clarified that the RAB is not involved within the other two projects happening in Lincoln, only the Titan 1-A project.
 - The Water Board's priority for the Hidden Hills development is to ensure that contamination is not migrating, to protect future land uses, and to not hinder the Titan 1-A remediation activities.
 - Private site cleanup is paid for by the responsible party, not taxpayers. Cleanup of the Titan 1-A facility is being funded by USACE.
 - RAB Member Jeffrey Callison asked about the relationship between the Water Board and responsible parties (USACE, Placer County, and Century Properties [the developer building Hidden Hills]). Robert Fagerness stated the Water Board has a good relationship with all parties and noted that USACE is following the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) process.
 - RAB Member Tom Denzler asked how far out from the Site the Water Board will go to work with off-site property owners for an environmental investigation. Robert Fagerness stated they plan to go out as far as the data indicates contamination remains in the sub-surface at concerning levels. Tom followed up to state that there is a plan to potentially develop land near the Site into a park with an adjacent school and asked if the Water Board would be involved if that occurs. Robert confirmed they would remain involved.
 - RAB Member Jeffrey Callison asked if once the Site is fully remediated, if it will be redeveloped or used for another purpose. Robert Fagerness stated that he cannot comment on any plans, but that it would be nice to see development in accordance with any lingering risk.

PLACER COUNTY PRESENTATION

- Eric Findlay, the Real Estate Service Manager of Placer County, provided an update on the environmental investigation and remediation of the former County gun range, occurring near the Titan 1-A Site. Major findings include:
 - The County owns the site of the former gun range and is conducting an environmental remediation of lead. Placer County is funding this work while the State is overseeing it.
 - Once cleaned up, the Site could be used for regional park, but there are no agreements to sell or transfer land in place yet.
 - The County is currently developing remediation alternatives and determining what cleanup standards should be used. The County is aiming to start remediation in Summer 2025.
 - RAB Member Jeffrey Callison questioned if the lead cleanup planned would impact the remediation of the Titan 1-A project or Hidden Hills project. Eric Findlay confirmed that it would not.
 - RAB Member Rick Carreiro noted that the RAB was able to go to this site and that they were very impressed with the size and process of the cleanup underway.

PUBLIC COMMENT PERIOD

- Moderator Tyler Stalker opened the public comment period:
 - Audience member Paula noted that she lives near the Site and is being impacted by the transportation and flood lights on-site. She also thanked the presenters for the helpful information and asked how she can get a copy of the information presented to share with her neighbors. Tyler Stalker noted her comments and confirmed that all the information presented will be posted on the USACE project website.
 - Audience member John S. asked for an update on the benzene contamination, which was discussed during the July 2024 RAB meeting. Tyler Stalked noted that the one sample showing a benzene exceedance did not present enough information and that the team is in the process of gathering more data on this.
 - **ACTION ITEM - The next RAB meeting will include an update on the benzene issue.**
 - John S. followed up to share that he has been in contact with the the City of Lincoln Building Department as he has noticed dirt from the construction in his backyard. He stated that the street sweeper associated with the Hidden Hills project is not using water when sweeping. Regulatory RAB Member Robert Fagerness noted he would follow up with those involved with the Hidden Hills project, as that project is under Water Board oversight.

- Audience member John C. asked Regulatory RAB Member Robert Fagerness to clarify what a figure presented within the presentation signifies. Robert confirmed the figure in his presentation represented the footprint of the soil vapor plume.
- An audience member asked Regulatory RAB Member Robert Fagerness to elaborate on what the vapor activity was like when the Hidden Hills developer backfilled excavated work areas with on-site soil. Robert confirmed that the Hidden Hills team hired an industrial hygienist, who conducted monitoring this work and found that there were not any increases in the concentrations in the vapor plume. The audience member followed up to confirm that the Water Board will be involved in future excavations on this project. Robert confirmed that they would.

MEETING CLOSURE

- The meeting concluded at 6:00 PM.