

Former Titan 1-A Missile Facility: Restoration Advisory Board (RAB) Meeting #2

July 18, 2024

- The meeting began at 4:00 PM by Moderator Tracy Craig of Craig Communications.
- Notable attendees in the audience included:
 - Edward Heidig, Senior Field Representative, Office of Congressman Kevin Kiley
 - Supervisor Shanti Landon, District 2 of Placer County
 - Sean Scully, City Manager of Lincoln
 - William "Bill" Lauritsen, Lincoln City Councilmember
- Tim Crummett, Co-Chair of the RAB, asked if there were any edits to the minutes from the January 2024 RAB meeting. Sandi Dolbee, RAB member, noted that the meeting minutes said she previously worked at the San Francisco Bay Regional Water Quality Control Board, which is not true. Tracy Craig stated that the January 2024 minutes will be updated and re-issued with this change.
- Ranny Eckstrom, the Community Co-Chair of the RAB, re-introduced the RAB members for attendees that did not attend the January 2024 meeting, and emphasized that members bring a wide diversity of professional experience to the RAB. Ranny reiterated the purpose of the RAB is to serve as an official conduit of communication for the Titan-1 A project and to represent the Sun City Lincoln Hills community and surrounding communities during discussions with the U.S. Army Corps of Engineers (USACE).
- Co-Chair Ranny Eckstrom recapped actions the RAB has taken since the January 2024 meeting, which includes establishing a project email address and website within the Sun City Lincoln Hills' website (the website is still in progress), creating protocol to record and livestream meetings, drafting press releases, coordinating with the USACE and Central Valley Regional Water Quality Control Board, providing briefings to interested organizations, and getting business cards with the email and RAB member names for distribution to the community.
- Regulatory RAB Member Kyle Cockerham from the Central Valley Regional Water Quality Control Board stated that he will be retiring and this will be his last RAB meeting. Rob Fagerness, in attendance, will backfill this position on the RAB.
- Co-Chair Tim Crummett noted that Placer County recently released a [Grand Jury Report](#), which included an investigation about the Titan-1 A project entitled, "From Missiles to Meadows: Restoring Nature's Balance." Tim noted that the report was well-researched and provided an overview of the project, relevant history, and a schedule.
- The RAB determined that meetings will be held on the following dates, with the venue of each meeting to be determined at a later date:
 - October 24, 2024
 - January 16, 2025
 - April 17, 2025
 - October 16, 2025
- RAB member Sandi Dolbee reported on a personal experiment she had been given permission to conduct. She has purchased two chemical badges, the kind best known for detecting unhealthy levels of toxicity in a workplace environment. They are OSHA approved but do not meet the rigorous standards of EPA testing. She is looking for a homeowner living

near the testing wells to volunteer their home to have the chemical badges placed in their residence to measure any TCE in the air. The company she is dealing with has been branching out in home testing with good results, even though the tests are for a very limited amount of time. She asked for volunteers to see her after the meeting and assured the audience that the volunteer and their address would be confidential to preserve their privacy.

- Carrie Ross, the project manager with Parsons (environmental contractor), delivered a technical presentation which provided updates on recently completed field work, groundwater and soil vapor sampling results, and upcoming work. Major findings include:
 - Parsons completed biological nesting survey & monitoring, conducted utility clearance, installed five groundwater monitoring wells and ten soil gas probes, survey new locations, and conducted semi-annual sampling
 - Soil vapor and groundwater sampling for TCE was consistent with past sampling; no TCE was detected in the new monitoring wells next to the SCLH residents.
 - Soil vapor sampling showed two exceedances for benzene at soil vapor probes 28 and 29
 - Co-Chair Ranny Eckstrom asked for confirmation that benzene is a petroleum product and Carrie Ross confirmed that benzene is a petroleum product and noted that the areas where SV-28 and -29 are installed was previously used as a construction laydown area, which may have contributed to the benzene exceedances at those locations.
 - Throughout 2024 and 2025, Parson plans to finalize the first Semi-Annual Sampling Report, conduct the second semi-annual sampling event and prepare the report, finalize the Remedial Investigation Report, Treatability Study Work Plan and Feasibility Study, prepare the Proposed Plan & Decision Document, and solicit contractor bids for remedial action
 - An attendee asked if this presentation will be available on the RAB website once it is live. Co-Chair Ranny Eckstrom confirmed it will.
 - Co-Chair Ranny Eckstrom noted that the sampling data will be used to update the Feasibility Study report and asked when the RAB will be able to review that report. Co-Chair Tim Crummett stated the USACE will provide this to the RAB by August or September 2024.
 - Co-Chair Ranny Eckstrom asked when the Treatability Study will be available for review and Project Manager Carrie Ross stated this will be in mid-2026.
 - An attendee asked if this project has been funded and Co-Chair Tim Crummett noted that Parson contract has been funded through 2026 and they have built in time for a bidding process into the schedule to ensure there isn't a pause in work.
 - An attendee asked if the USACE is getting ahead of itself with preparing to draft the Proposed Plan and Decision Document, given there was an exceedance of benzene in the recent round of sampling that was not known to be a contaminant of concern. Co-Chair Tim Crummett and Project Manager Carrie Ross noted that they have extensive environmental

investigation data and referenced past sampling reports, and that they are planning on conducting additional sampling.

- Mark Jones, a toxicologist with the USACE, delivered a presentation about human health risk assessments, vapor intrusion, and the risks of Trichloroethene (TCE).
 - An attendee asked if the USACE will analyze for benzene during the vapor intrusion investigation and if something should be done urgently to address exceedances in soil vapor sampling. Toxicologist Mark Jones noted that they will look at all chemicals associated with the Site and that benzene biodegrades, making it a lower priority than TCE.
 - An attendee asked whose responsibility it will be to test homeowners' backyards for benzene. Co-Chair Tim Crummett stated that the project team follows the CERCLA process and cannot make those decisions now. Toxicologist Mark Jones elaborated on how the USACE calculated risk for long-term exposure.
 - An attendee asked if the risk analysis will include construction workers who are currently trenching near the site. Toxicologist Mark Jones clarified that the risk analysis does account for this. Regulatory RAB Member Kyle Cockerham also stated that the Central Valley Regional Water Quality Control Board is in touch with the developer and that they have an industrial hygienist on-site during construction.
 - An attendee asked if the City of Lincoln and Placer County is aware of this project and that the soil is being turned over / exposed, and questioned why there is no signage. City Manager Sean Scully said that the City and County are aware of this project and the turnover of soil, and that the City would look into signage but that they did not want people in the work area anyway.
- Regulatory RAB Member Kyle Cockerham described the source of Lincoln's water and the testing / treatment of water. City Manger Sean Scully clarified that 90% of potable water in Lincoln comes from the Sierras or American River and 10% comes from an aquifer, which is 1.5-2 miles to the Site, and that the water is continuously tested. Kyle stated that he is working with the developer and that they have plans and monitoring in place that accounts for contact with soil and groundwater.
- Moderator Tracy Craig opened the forum for questions and answers:
 - An attendee stated that there are two different developers active in the area – one that is developing Hidden Hills and one that is doing work along Oak Tree Lane. Regulatory RAB Member Kyle Cockerham confirmed that there is just one developer working in both locations.
 - The attendee followed up to confirm if this activity may stir up benzene in soil vapor potentially impacting nearby residents in their backyard. Toxicologist Mark Jones clarified that vapor intrusion cannot happen outside. RAB Member Sandi Dolbee added that people who are concerned about impacts of benzene can go to the doctor to get a blood test to determine levels of benzene. *An attendee noted that ground is currently being disturbed, but that the risk analysis will not be complete for several years. Regulatory RAB Member Kyle Cockerham clarified that the grading is outside of the zone of impact and the trenching area that goes through the study*
 - The attendee asked who owned this property and Kyle confirmed Century Communities did.

- An attendee asked what the Site was used for and Co-Chair Tim Crummett confirmed that the Site was a former missile facility.
- An attendee noted that future meeting should spend less time on RAB member introductions.
- An attendee asked if the moisture barrier that was installed under most homes in the area was a vapor barrier. Another attendee stated that barrier does not block vapors.
- An attendee suggested that moving forward, the RAB should have people submit questions beforehand so that questions can be addressed at the meeting. Co-Chair Ranny Eckstrom said that was a good idea.
- An attendee suggested taking the questions asked and posting them on the project websites. Co-Chair Ranny Eckstrom said that was a good idea and pointed to the USACE project website for frequently asked questions. RAB Member Sandi Dolbee added that the project website that the RAB is building will also have an FAQ section that will be updated regularly.
- City Manager Sean Scully noted that while the USACE has to follow the CERCLA process, the City encourages expeditious remediation. He also noted that no individuals present are responsible for this contamination and that the project team is here to help get the contamination cleaned up.
- An attendee asked what RAB stood for and who the board is advising. Co-Chair Ranny Eckstrom stated that RAB stood for Restoration Advisory Board and that they are serving as an information conduit between the community and the USACE. Co-Chair Tim Crummett reiterated that the RAB wants to help build trust and stated that there is an avenue for the public to hold the USACE accountable through elected officials if they are not taking action quickly enough.
- Moderator Tracy Craig concluded the meeting at 6:00 PM.