



Former Potrero Power Plant Site, San Francisco Northeast Area Cleanup – Pilot Test Close-Out Report June 20, 2014

PG&E is committed to addressing environmental impacts from our historical operations. As part of this commitment, PG&E is voluntarily cleaning up potential impacts from a former Manufactured Gas Plant (MGP) that operated on the former Potrero Power Plant property from the 1870s to the 1930s, as well as impacts from our former operation of the plant.

In December 2012, the Water Board approved a cleanup approach for the Northeast Area of the site that includes a combination of removal and in-place soil solidification of MGP residues. Soil solidification is an established remediation technology that involves injecting a cement mix into the ground, and blending it with impacted soils to solidify the impacts in place. This is a proven technology that PG&E and other companies have used successfully in cleanup projects.

In early May, PG&E conducted a test of this soil solidification technology (known as the Pilot Test) in the Northeast Area of the Potrero site. The test will help refine the approved cleanup approach. The Pilot Test took approximately five weeks to complete.

Work Completed

The Pilot Test was conducted on two small areas within the Northeast Area of the site (see attached map). Asphalt was removed and each test area was excavated to a depth of approximately five feet. A drill rig was used to mix and test eight soil columns (borings) of four to six feet in diameter. A cement mix was injected into the soils and samples were taken at a variety of depths (below grade) to test the effectiveness of this approach.

Drilling, solidification and sampling efforts were completed in both Pilot Test Areas on May 21. After completion of Pilot Test work, both testing areas were restored to their pre-construction state. This included backfilling the areas with gravel, then grading and repairing the asphalt where needed.

Next Steps

PG&E will be using Pilot Test results and findings to help develop a cleanup plan, called a Remedial Action Plan (RAP), for the Northeast Area. The RAP will provide specific details about how the cleanup approach will be implemented, and will be made available by the Water Board for public review and input before the cleanup plans are finalized. Approval of the RAP will be followed by necessary engineering, permitting and contracting activities. Field work for the Northeast Area cleanup is expected to start in 2017.

For More Information

Please feel free to contact PG&E if you have any questions or feedback about the work being performed at the site. We can be reached at 1.866.247.0581 or via email at potreroinfo@pge.com

Photo Log



Excavation in southern Pilot Test Area



Drill rig in first drilling location



Drilling in southern Pilot Test Area



Drilling in northern Pilot Test Area

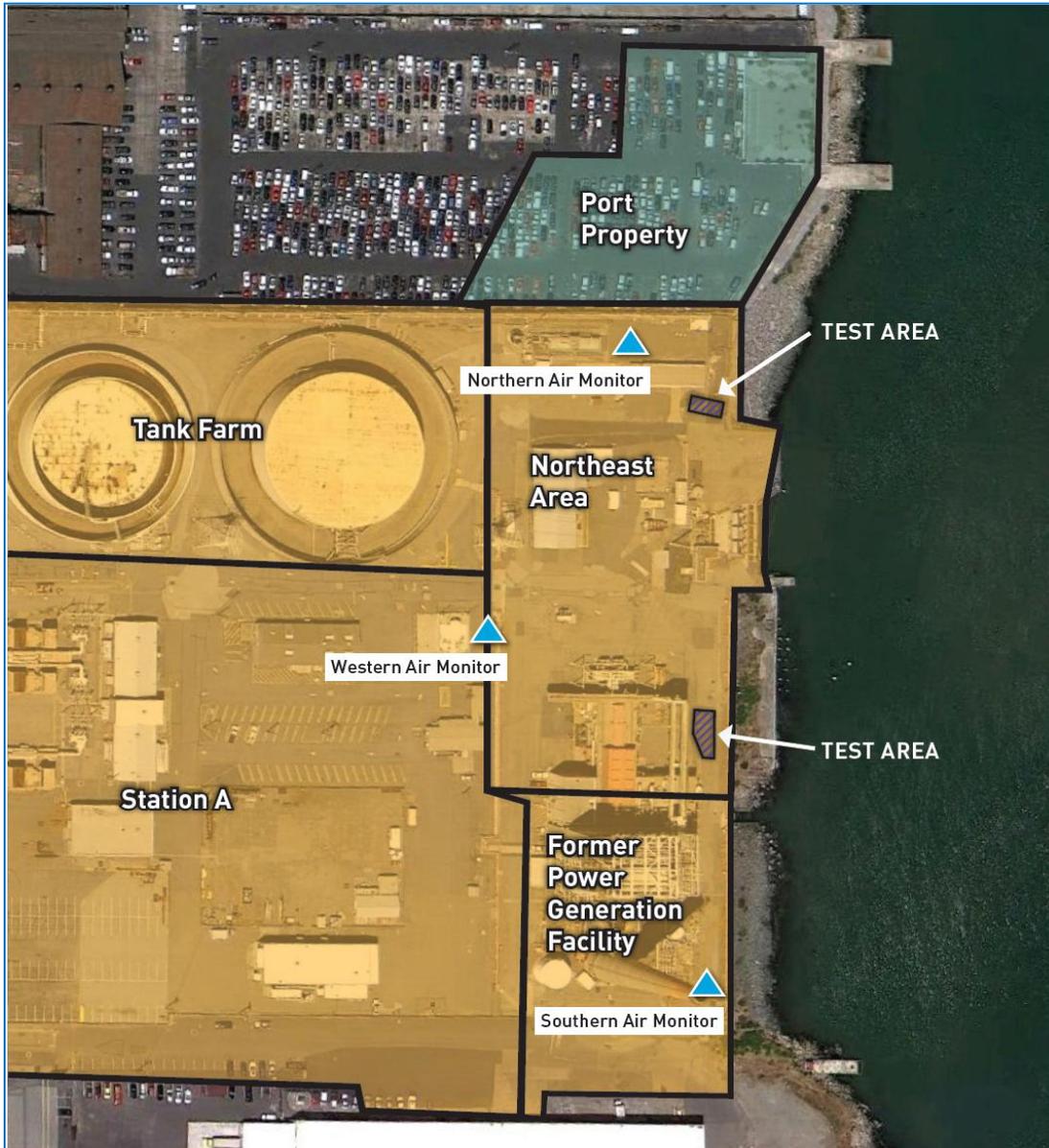


Restoration in southern Pilot Test Area



Restoration in northern Pilot Test Area

FORMER POTRERO POWER PLANT SITE, SAN FRANCISCO



For illustrative purposes only. Approximate boundaries shown. Images not to scale.

 NRG Potrero, LLC Owned Properties

 Air Monitor

 Port of San Francisco Property
Impacted by Historical MGP Activities

 Pilot Test Solidification Area