

# Naval Station Treasure Island

## Understanding the Type and Extent of Radiological Contamination Found in Installation Restoration Site 12

### Why is there radiological contamination at the former Naval Station Treasure Island?

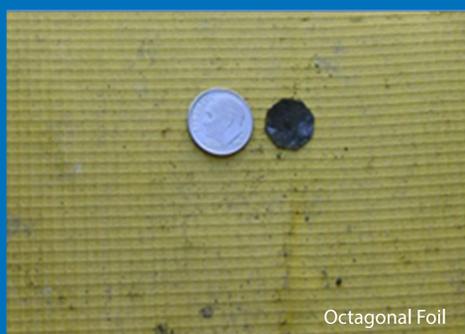
Primarily, during WWII Naval Station Treasure Island became a "Frontier Base" supplementing ship repair facilities around the bay area that were overloaded. Wartime recycling activities, particularly related to ship repair, have historically included the maintenance and repair of radioluminescent (glow-in-the-dark) military instruments, dials and gauges.

### When was the radiological contamination first found in Site 12?

During the Navy's environmental investigation and cleanup process, radiological materials were found in the Installation Restoration Site 12 solid waste disposal areas.

### What type of radiological materials have been found?

Various objects containing radium-226 (Ra-226) have been found, primarily in the Installation Restoration Site 12 solid waste disposal areas, as depicted below. The sampling of soil also found naturally occurring elements such as uranium, thorium, potassium and Ra-226. However, Ra-226 was found at levels higher than naturally occurring levels indicating a cleanup action is required.



### What is being done to protect the public during cleanup?

- Public access to all work areas is restricted to prevent inadvertent exposure prior to clean up
- Work plans approved by state Departments of Public Health and Toxic Substances Control are followed to complete the cleanup
- Dust is controlled to contain contamination within the restricted areas
- Testing of the air, soil, buildings, equipment, and work boundaries is conducted during and after the projects
- Low-level radiological wastes are packaged in water-tight bins and transported to a licensed radiological waste disposal site
- Perimeter dose surveys are conducted to ensure radiation levels are safe outside the restricted area

