FACT SHEET
Hunters Point Naval Shipyard
Radiological Retesting at Parcel G
June 2018

This is the fourth in a series of fact sheets and other ongoing communications about radiological data review and retesting at Hunters Point Naval Shipyard (HPNS). Earlier fact sheets on the topic may be found on the Navy's website at www.bracpmo.navy.mil/hpnsrc. This fact sheet discusses the Navy's plan to collect new radiological data in areas where previous results are in question. This fact sheet also provides an overview of the methods that will be used to conduct the work described in the plan, where the plan can be reviewed by members of the public, and how the public can get more information.

Radiological Data Review Background

As described in previous fact sheets, the Navy conducted a thorough data evaluation of radiological samples collected by Tetra Tech EC (TtEC) as a result of the Navy's identification of sampling issues by TtEC in 2012. After reviewing more than 900,000 analytical results, the Navy found questionable laboratory data and practices, along with evidence of potential data falsification. The Navy concluded that the data collected by this contractor was not reliable, and began plans for new data collection.

Plans for New Data Collection at HPNS

Overview of the Navy's Plan

The Navy will collect new data at sites where TtEC had previously collected radiological data. Cleanup objectives for each parcel were developed early in the Superfund process to prevent exposure to possible radiological contamination in existing soil and buildings. These objectives were documented in the Record of Decision (ROD) for each parcel. HPNS RODs and other reports are available for review at established document review locations *(see box to the right for resources)*.

The rework to collect new data will begin with Parcel G. This new data, including results from soil and buildings that remain in the areas in question, will verify the property is safe for transfer. If the new data does not verify the property is suitable for transfer, subsequent work plans will describe any additional work and next steps.

Independent Oversight and Review

To ensure the integrity of data collection, data analysis, and removal of any potential remaining contamination, the Navy has hired contractors to monitor work to ensure proper sampling methods are followed, and to verify legitimacy of the results. Independent radiological experts will review sampling plans, results, and reports. In addition, federal and state regulatory agencies including the California Department of Public Health will conduct independent sampling to confirm the Navy's results.

Parcel G Work Plan

The Navy will gather new radiological data at Parcel G first, as it is the highest priority to the City of San Francisco. Areas evaluated in Parcel G include former sanitary sewer and storm drain trenches, buildings identified as radiologically impacted according to historical use, and soil areas identified as having possible radiological contamination. The Parcel G Work Plan, including maps of sampling areas, is available on the Navy's website at www.bracpmo.navy.mil/hpnsrc.

Data Evaluation and Reporting

The new data collected by the Navy will be analyzed at approved off-site laboratories to determine if it meets cleanup objectives defined in the Parcel G ROD. If results do not meet the cleanup objectives, the samples will go through an additional radiological assessment.

THE NAVY ENCOURAGES MEMBERS OF THE PUBLIC TO REVIEW AND COMMENT ON THE PARCEL G WORK PLAN

JUNE 15, 2018 - AUGUST 14, 2018

The document is available for review at these locations:

HPNS Radiological Program Website
www.bracpmo.navy.mil/hpnsrc

San Francisco Main Library, 5th Floor Gov't Center
100 Larkin Street, San Francisco 94102

The Shipyard Site Trailer
690 Hudson Avenue, San Francisco, CA 94124

Submit comments in writing by August 15, 2018 to:

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Sampling Methods

Based on the location and material being sampled, the Navy will use different techniques to gather new radiological data at Parcel G, including **trench excavations**, **surface scans and soil sampling,** and **building scans**. Reviews of historical documentation and the radiological data evaluation process determined the areas where new data will be collected. Due to the low radiological levels generally measured at HPNS, protective gear is not typically required, however workers wear dosimeters to monitor exposure to radiation to ensure their safety.

Trench Excavations

The soil from former sanitary sewer and storm drain line trench units identified for removal will be fully excavated to the original trench boundaries.

A surface scan of excavated soil will be conducted in secure areas, or radiological soil will be separated and scanned during excavation. After excavation, radiological scans of the sidewall and floor soils will be conducted either in-place or excavated and scanned.

Radiological scans of trench sidewalls and floors may be conducted in-place

Below-ground soil will be scanned using monitoring equipment and core samples will be taken by drilling through layers of the durable cover and the soil below

Surface Scans and Soil Sampling

Soil from former sanitary sewer and storm drain trenches, as well as soil at three former building sites and an exposed crawlspace under one existing building will be retested.

Walk-over or drive-over radiological scans will be conducted over 100% of the surface soil in identified areas, and core samples will be collected. Based on the surface soil scan results, additional samples may be taken for evaluation.

Building Scans

The interior of six buildings and the concrete pad of one former building at Parcel G have been identified for additional investigation, which involves radiological scans by survey teams.

In addition, building surfaces will be wiped with a specialized cloth to gather swipe samples for radiological analysis.

The floors and walls of buildings will be scanned and analyzed

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请拨打 (833) 350-6222 并留言。

Para más información sobre el programa de limpieza de la Marina en Hunters Point Naval Shipyard, favor de dejar un mensaje en (833) 202-5888.