



FACT SHEET

Hunters Point Naval Shipyard

Elevated Landfill Gas Reading at Parcel E-2

June 2024



Introduction

The Parcel E-2 landfill at Hunters Point Naval Shipyard (HPNS), spanning 22 acres, has a historical legacy of receiving construction debris, municipal waste, and various industrial materials. Over time, the degradation of organic materials produces methane gas. The Navy monitors methane levels to help ensure the safety of both site workers and the surrounding community.

Understanding Methane Monitoring

Methane levels at the landfill are carefully tracked using Gas Monitoring Probes (GMPs). These devices are crucial in maintaining the safety and integrity of the landfill area by providing real-time data on methane concentrations.

In January 2023, elevated methane levels were intermittently detected at GMP07A. This marked the beginning of an increased monitoring frequency to determine next steps for the landfill monitoring and maintenance plan.

Steps Taken by the Navy

January 2023: Initial Detection

- Elevated methane levels detected at GMP07A
- Notifications issued to site workers, UCSF, CalRecycle, and the HPNS Base Closure Team

June 2023: Increased Monitoring

- Elevated readings persisted at GMP07A
- Monitoring frequency increased
- Expedited corrective action to prepare for installation of a new solar-powered gas extraction system and a new extraction well.

October 2023: Expanded Monitoring

- GMP54 was installed to confirm that no methane travels past the landfill cap.

February 2024: New Extraction Efforts

- Methane extraction continued with original unit
- New extraction unit installation began

Ensuring Community Safety

The Navy is committed to protecting the community through several measures:

- **Secure Area:** GMP07A is located within a secure, fenced area that is not accessible to the public.
- **Effective Barriers:** A cap extends beyond the landfill, serving as a barrier to contaminants.
- **Air Quality Assurance:** No methane has been detected in the air near GMP07A, and no other GMPs have shown elevated levels within or at the landfill's perimeter.
- **Worker Safety:** Safety protocols are rigorously followed before any work is conducted on or near the landfill.



Location of GMP07A

March 2024: Continued Monitoring

- Methane extraction continued with original unit until new unit activated
- GMP07A methane readings returned to the regular range as of March 12, 2024
- Monitoring returned to a usual frequency

April 2024: Advanced Technology Implementation

- A mobile, solar-powered landfill gas extraction system was installed on April 22, 2024
- The new system is connected directly to GMP07A and runs continuously; it actively filters methane and other landfill gases to prevent release into the air
- Methane readings have continued to remain below action levels

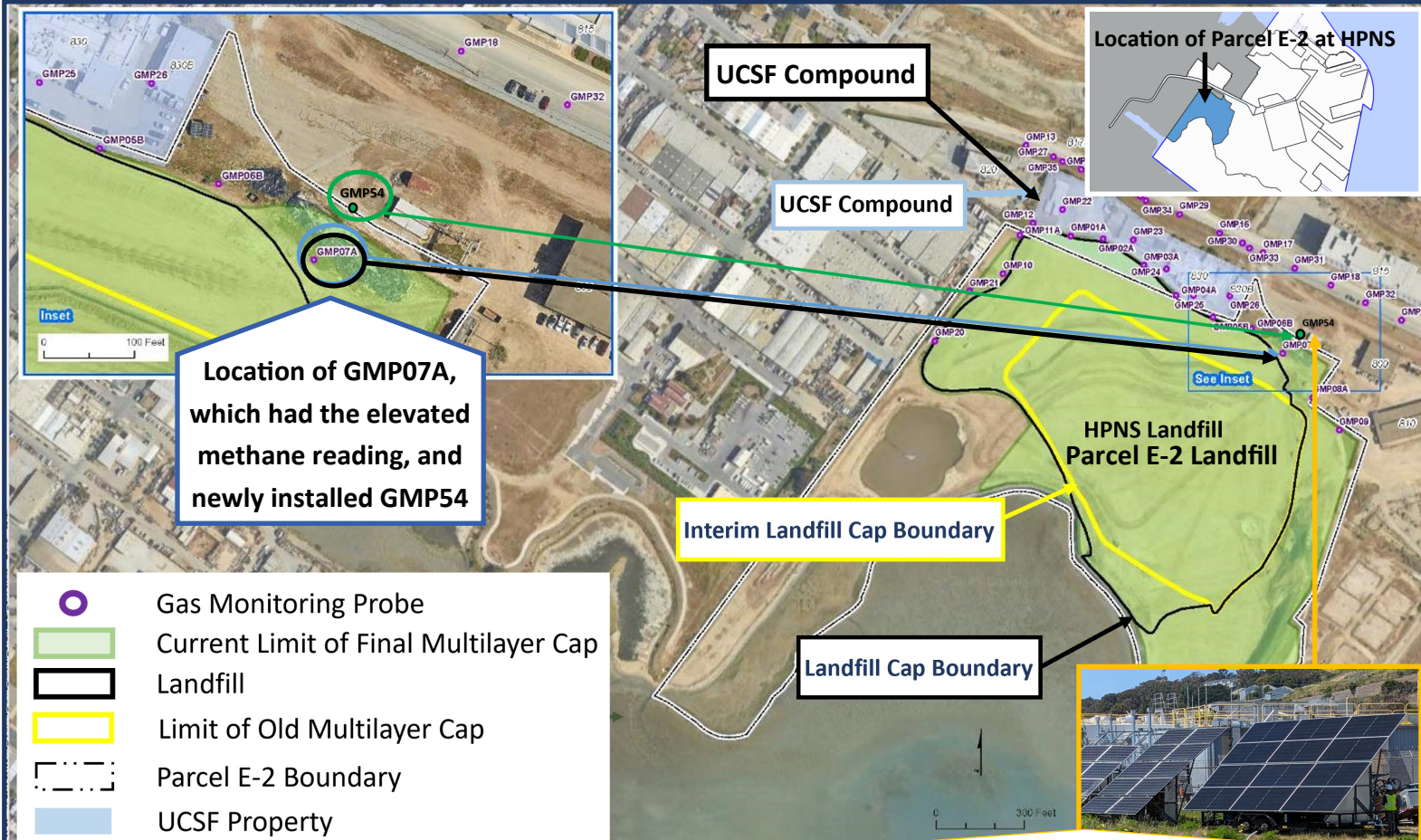


Image of the mobile landfill gas extraction system and its approximate location on Parcel E-2.

Staying Informed and Engaged

The Navy's dedication to safeguarding the Hunters Point community remains steadfast. Through ongoing monitoring and proactive measures, we can collectively ensure the environmental health and safety of our shared spaces.

The Navy values transparency and community involvement. Here's how you can stay informed and participate:

- **Read the Reports:** Access the HPNS Landfill Gas Monitoring Report for July—September 2023 on the [Documents page of the Navy's website](#).
- **Learn More:** Find more detailed information about the Parcel E-2 landfill on the [Documents page of the Navy's website](#).
- **Stay Connected:** Email info@sfhpn.com or leave a message on the HPNS Information Line at (415) 295-4742 for updates.
- **Join the Community:** [Subscribe to the mailing list](#), [visit the Navy's website](#), attend Navy community presentations, and participate in HPNS guided bus tours.

website: www.bracpmo.navy.mil/hpns

email: info@sfhpn.com

telephone: (415) 295-4742

Scan the QR code for HPNS resources



- Join the mailing list
- Link to the Navy website
- Register for guided bus tours

有关海军在猎人角海军造船厂的清理活动方案的更多信息, 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.