PART 1: OVERVIEW OF SF PUBLIC HEALTH
OUR MISSION IS, AND HAS ALWAYS BEEN, TO PROTECT AND PROMOTE HEALTH AND WELL-BEING FOR ALL IN SAN FRANCISCO.

OUR VISION IS MAKING SAN FRANCISCO THE HEALTHIEST PLACE ON EARTH.
PART 2:
PUBLIC HEALTH EQUITY + ENVIRONMENTAL HEALTH
In the field of Public Health, we are beginning to understand just how important proper health education, access to good quality food, and wellness support are to health.
Treats people who are sick or injured, helps people to prevent injury and illness, and promotes wellness. The SF Health Network (SFHN) is a community of clinics, hospitals and programs that connects San Franciscans to quality health care, regardless of immigration status or lack of insurance.

Works to protect and promote the health of the whole city, and everyone in it. Focus is on improving health by addressing healthy behaviors, community safety, built environment, social/environmental factors and environmental exposures.
ENVIRONMENTAL HEALTH IS A CORE FUNCTION OF THE POPULATION HEALTH BRANCH, BUT THIS BRANCH DOES MORE THAN MONITOR AND CONTROL ENVIRONMENTAL HAZARDS TO PUBLIC HEALTH ( POLLUTION, TOXIC SUBSTANCES, ETC).

Environmental Health promotes, protects and creates healthy environments. From healthy housing to childhood lead prevention, air quality to hazardous waste and materials, Environmental Health works to improve environments and protect the health of all San Franciscans.
THE CHILDREN’S ENVIRONMENTAL HEALTH PROMOTION PROGRAM

Through the Children’s Environmental Health Promotion Program, Bayview-Hunters Point families can receive comprehensive home screenings that help families prevent lead exposure and reduce asthma flare-ups caused by in-home pollutants.
While San Francisco is one of the healthiest cities in the U.S., Black / African Americans are less so. Some of the disparities can partially be attributed to unevenly distributed obstacles to health. With a focus on nutrition, housing, and physical health, SF Public Health, in partnership with other entities in the city of San Francisco, has introduced many programs to support the community as a whole.
QUALITY OF LIFE
Improve quality of life for residents:
Replace Southeast Treatment Plant, 800 ft from nearest residence

HEALTHY HOUSING
Ensure residents have access to healthy housing:
Alice Griffith and Hunters View housing rebuilt

NUTRITIOUS FOODS
Increase Access to Nutritious Foods:
Multi Agency Healthy Retail program

QUALITY OF LIFE
Improve quality of life for residents: Replace Southeast Treatment Plant, 800 ft from nearest residence

COMMUNITY SUPPORT
PUBLIC HEALTH EQUITY + ENVIRONMENTAL HEALTH

HEALTHY HOUSING

NUTRITIOUS FOODS

QUALITY OF LIFE
HEALTH CENTER EXPANSION
Major expansion of Southeast Health Center: $30 million investment in renovating and expanding primary care clinic that serves Bayview Hunters Point

REDUCE PRETERM BIRTH
Reduce Preterm Birth: Doula Program, Black Infant Health Program

HEART HEALTH
Reduce uncontrolled Blood Pressure and Heart Disease: Healthy Hearts Campaign

BLACK AFRICAN AMERICAN HEALTH INITIATIVE (BAAHI)
BAAHI addresses unevenly distributed obstacles to health in Black/African American residents and works to close health disparities.

HEALTH CENTER EXPANSION
Major expansion of Southeast Health Center: $30 million investment in renovating and expanding primary care clinic that serves Bayview Hunters Point
Sometimes, achieving our mission and vision means supporting those closest to the community.
PART 3:
COMMUNITY WELL BEING
As the Department of Public Health, we are here to ensure that the public receives clear and timely information on the progress of the Navy’s cleanup and restoration of the land.
The city must use the land in a way that improves the public’s health and quality of life.

The Navy must bring soil and water back to its natural state.

Once all cleanup, restoration, and development is complete, the majority of the site is inspected every year, and the entire site is reviewed every five (5) years to ensure public health is being maintained.

The Hunters Point Shipyard cleanup is being paid for by federal funds. The following protections and benefits are part of the project:

COMMUNITY WELL BEING

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San Francisco’s Health, Planning, Building and Fire Codes require all construction to anticipate and comply with regulatory standards for potential natural hazards that will protect the public into the future:

**NATURALLY OCCURRING ASBESTOS IN SERPENTINE ROCK**
(covers required for all soil)

**DUST CONTROL DURING CONSTRUCTION**

**STRUCTURAL REQUIREMENTS FOR EARTHQUAKE SAFETY**
(pre-construction soil preparation resolves residual soil liquefaction potential)

**ANTICIPATED RISE IN SEA LEVEL**
(due to climate change)

**FIRE/DISASTER PREPAREDNESS**
The cleanup and restoration of the Hunters Point Shipyard is to bring soil and water back to its natural state. In order to do that we must understand that radiation is naturally present everywhere.

It is found in soil and rock, the air we breathe, food and water we consume, and our bodies. Everyone is exposed to radiation every day from natural and man-made sources, like medical X-rays or even smoke detectors.
Radiation is measured in a unit called “Rem”. However, the millirem (mrem), which is 1/1000 of a rem, is used to measure common exposure, like those on the right.

- People in the United States receive an average of 624 mrem of radiation per year from man-made and natural background radiation sources (NCRP 160).

- So far, radiation levels in the soil and water samples collected were already close to its natural state before the clean-up began.
ROUND TRIP FLIGHT FROM LA TO NYC
3.7 MREM (ONE TIME)

NORMAL COSMIC RADIATION IN SAN FRANCISCO
24 MREM (ANNUAL)

SINGLE MAMMOGRAM PROCEDURE
30 MREM (ONE TIME)

NATURAL RADIOACTIVITY IN THE BODY
40 MREM (ANNUAL)

DIAGNOSTIC RADIOLOGY
50 MREM (ANNUAL)

NORMAL COSMIC RADIATION IN SAN FRANCISCO
24 MREM (ANNUAL)

SINGLE MAMMOGRAM PROCEDURE
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NATURAL RADIOACTIVITY IN THE BODY
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COMMON LEVELS OF RADIATION

COMMUNITY WELL BEING

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NAVY & CALIFORNIA DEPARTMENT OF PUBLIC HEALTH
ACTION LEVELS

FOR FURTHER ANALYSIS
10 MREM (ANNUAL)

NUCLEAR REGULATORY COMMISSION STANDARD FOR PUBLIC HEALTH
100 MREM (ANNUAL)

NUCLEAR REGULATORY COMMISSION STANDARD FOR CLEAN-UP SITES
25 MREM (ANNUAL)

ENVIRONMENTAL PROTECTION AGENCY STANDARD FOR CLEAN-UP SITES
12 MREM (ANNUAL)

GOVERNMENT STANDARDS FOR RADIATION (MREM PER YEAR)

COMMUNITY WELL BEING

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NAVY & CALIFORNIA DEPARTMENT OF PUBLIC HEALTH ACTION LEVELS FOR FURTHER ANALYSIS
10 MREM (ANNUAL)

GOVERNMENT STANDARDS FOR RADIATION (MREM PER YEAR)
Prior to 1970, these protective remedies did not exist, and there was no formal monitoring of public exposure to radiation, lead and asbestos.
During the active years of the Hunters Point Shipyard, the naval radiological defense laboratory scientists seeking to understand the effects of radiation did research. The majority of waste from the lab was removed and disposed of in a specific manner - some was allowed to be poured down the drain.

NAVY RADIOACTIVE COMMODITIES

- During World War II, all U.S. Navy Ships had deck markers, dials, and gauges with glow-in-the-dark paint that contained radium

- Once it was understood that the radium in these objects posed a health risk, the Navy removed these radium containing objects and buried them at the shipyard in the 1950s

- Starting in the 1990s these were dug up and shipped to landfills during the Navy restoration
Asbestos used to insulate homes, schools and offices across the U.S.

Lead was a common ingredient in paint

Military Personnel and Civilians employed at shipyards may have been at greater risk because formal occupational health standards were not in place until 1971
In 1980, Congress passed the Comprehensive Environmental Response, Compensation, and Liability Act, filling a gap in environmental protection.

Today, eleven (11) former Navy properties across California are being cleaned, restored and developed for everyday use:

- Moffett Field National Airspace System, CA
- Salton Sea Test Base, CA
- San Diego Naval Training Center, CA
- Tustin Marine Corps Air Station, CA
- Treasure Island Naval Shipyard, CA
- Alameda National Airspace System, CA
- Concord National Weather Service, CA
- El Toro Marine Corps Air Station, CA
- Hunters Point Naval Shipyard, CA
- Long Beach Naval Complex, CA
- Mare Island Naval Shipyards, CA
- Hunters Point Naval Shipyard, CA

Community Well Being
Understanding the Past
The cleanup of the Hunters Point Shipyard is still in progress, and we want to ensure the community is well informed of the progress.

HIGHLIGHTS

- 28 miles of drain pipes, over 100,000 truckloads of contaminated soil have been removed to an offsite approved landfill for chemical waste
- Hundreds of train car loads of soil disposed of as radioactive waste - hauled away out of state
- Chemical Vapor has been captured and sent offsite for disposal
- Chemicals in groundwater have been treated and broken down into harmless substances
- Shorelines have been protected with rocks to keep soil from entering the bay
- Dust is monitored for radiation and other hazardous chemicals via monitors on workers and required washing and monitor of trucks to ensure contaminating does not go off-site
GETTING CLEAN

EVERY STEP must be reviewed and approved by three (3) independent agencies:
US Environmental Protection Agency, CA Department of Toxic Substances Control,
and San Francisco Regional Water Quality Control Board

01 INVESTIGATION
- the Navy checks soil and water for chemicals and radiation above normal everyday levels

02 TREATMENT
- If above normal, the Navy creates a plan to bring soil and water back to everyday levels

03 PUBLIC COMMENT
- The community is invited to review the treatment plan and share their opinion

04 CLEANUP
- The Navy cleans up and restores soil and water to normal everyday levels

05 LAND TRANSFER
- Navy officially turns over to the City, and the Office of Community Investment and Infrastructure continues the development process.

(SFDPH plays a regulatory role in the development to ensure it is done in a safe manner, consistent with all federal and state regulatory requirements.)

SAN FRANCISCO DEPARTMENT OF PUBLIC HEALTH / ENVIRONMENTAL HEALTH BRANCH
REVIEWS EVERY STEP TO MAKE SURE THAT THE CLEANUP WILL SUPPORT THE FUTURE COMMUNITY BENEFITS THAT ARE OUTLINED IN THE DEVELOPMENT PLANS
PART 4: CLOSING
Tetra Tech, was hired by the Navy to perform soil testing at Hunters Point Shipyard. They were found guilty of committing fraud and two (2) employees were sent to jail.

During the retest of Parcel A by the CDPH, a deck marker was discovered. The item was safely removed and disposed of.

We also want to make sure that we pause and acknowledge when things don’t go as well as we planned.
Retesting of Tetra Tech Areas

(New!) California Department of Public Health Scan of Parcel A, including residential properties

(Coming Soon!) Hunters Point Shipyard Hub on San Francisco Department of Public Health Website

Continued Community Support
COMMUNITY SUPPORT APPENDIX

FINANCIAL COMMUNITY BENEFITS
- Job Training and Employee Assistance Program (through 2017)
- Community Benefits Fund
- Interim African Marketplace
- Community First Housing Fund
- Education Improvement Fund
- Workforce Development Fund
- Scholarship Program
- Construction Assistance Program
- Wellness Contribution
- Implementation Committee

PROGRAMMATIC COMMUNITY BENEFITS
- Community Facilities Space for International African Marketplace (IAM)
- Community Builder Program
- Construction Assistance Program "CAP"
- Cultural Historic Recognition Program
- Business Incubator Space Program
- Home Buyer Assistance Program
- Local Community Priority Leasing Program
- Small Business Assistance Program
- Outreach Program
- Status Reports
- Community Facilities Parcel
- Community Facilities Space
- Community Real Estate Broker Program
- Community Facilities Lots

CLOSING
QUESTIONS AND ANSWERS