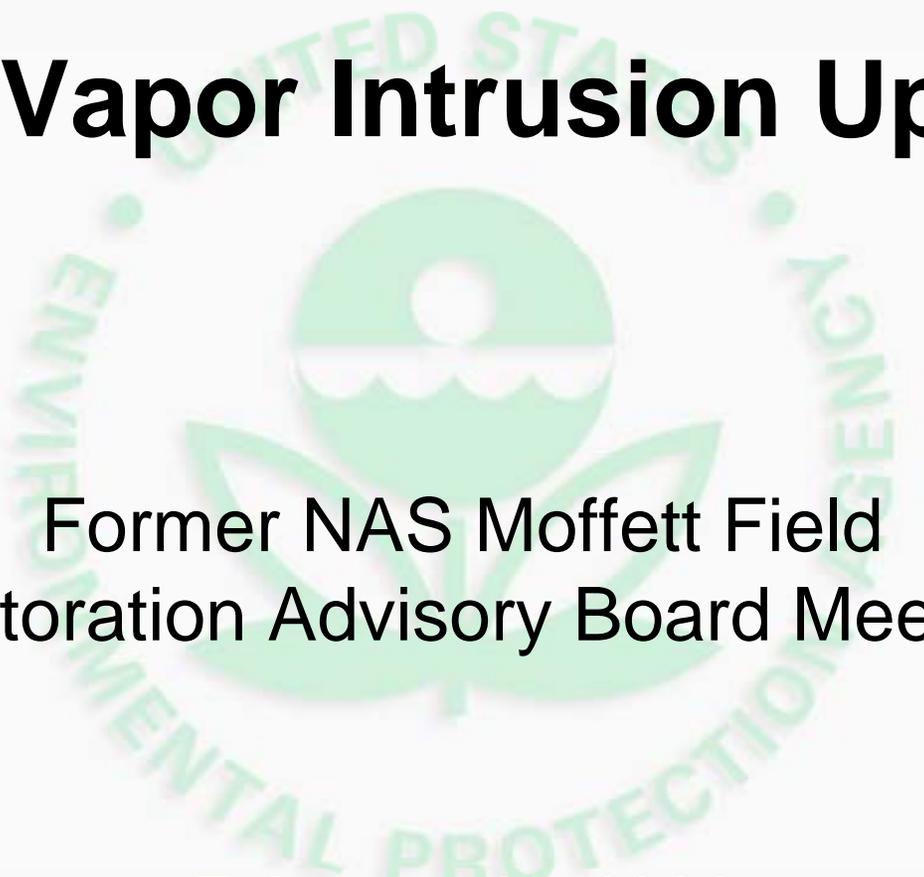




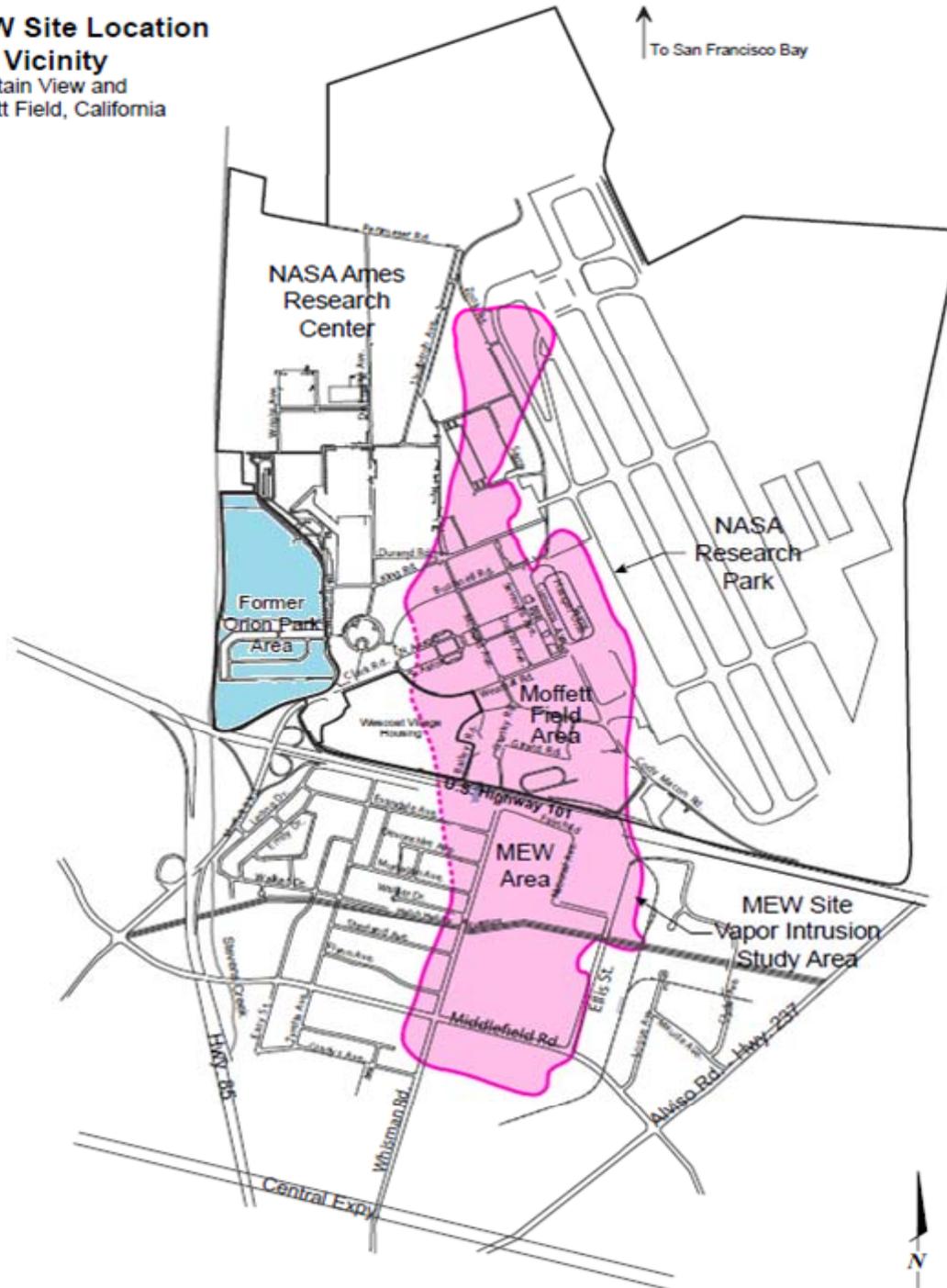
EPA Vapor Intrusion Update



Former NAS Moffett Field
Restoration Advisory Board Meeting

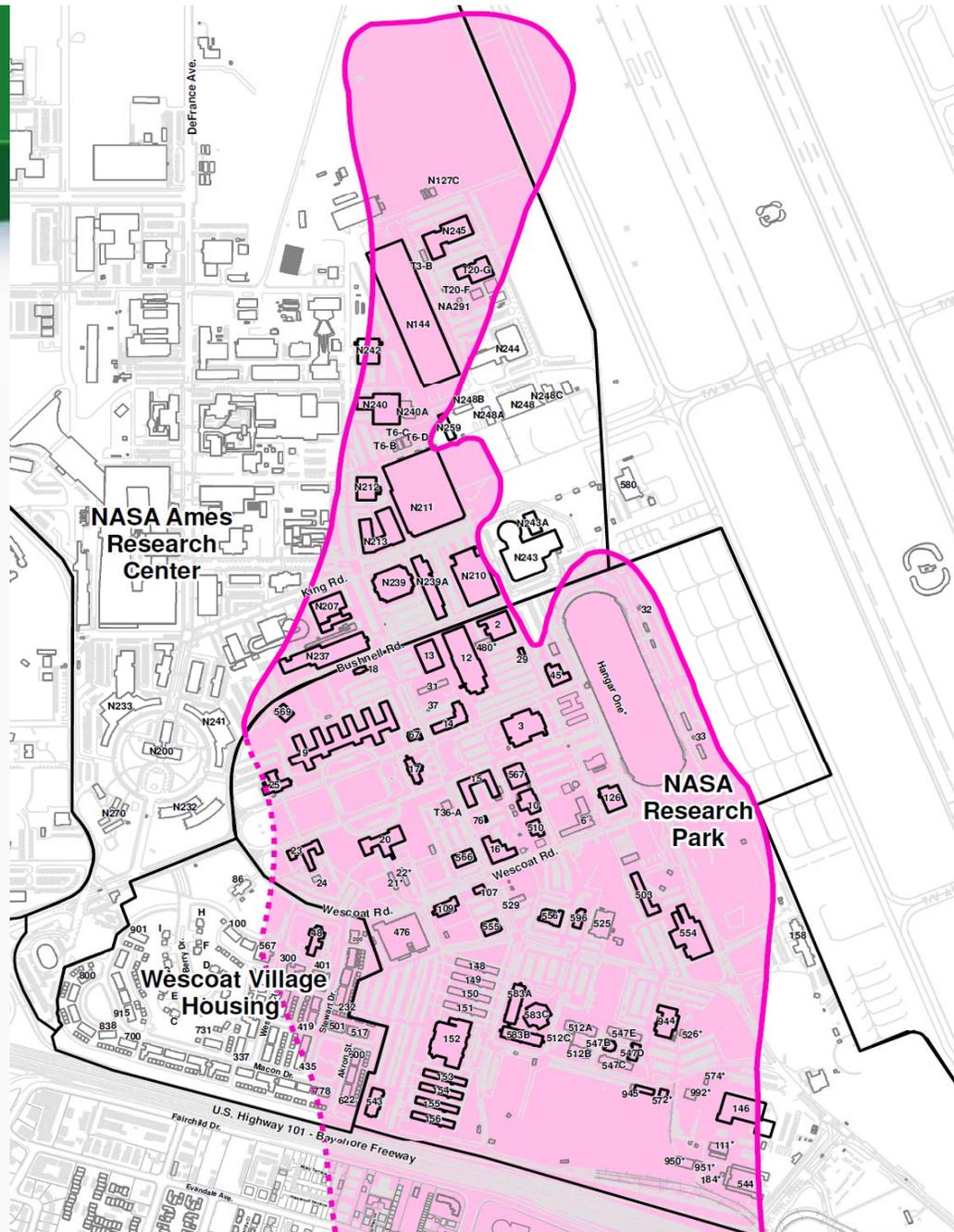
February 13, 2014

**MEW Site Location
and Vicinity**
Mountain View and
Moffett Field, California



ENVIRONMENTAL AGENCY

Moffett Field Area – North of 101

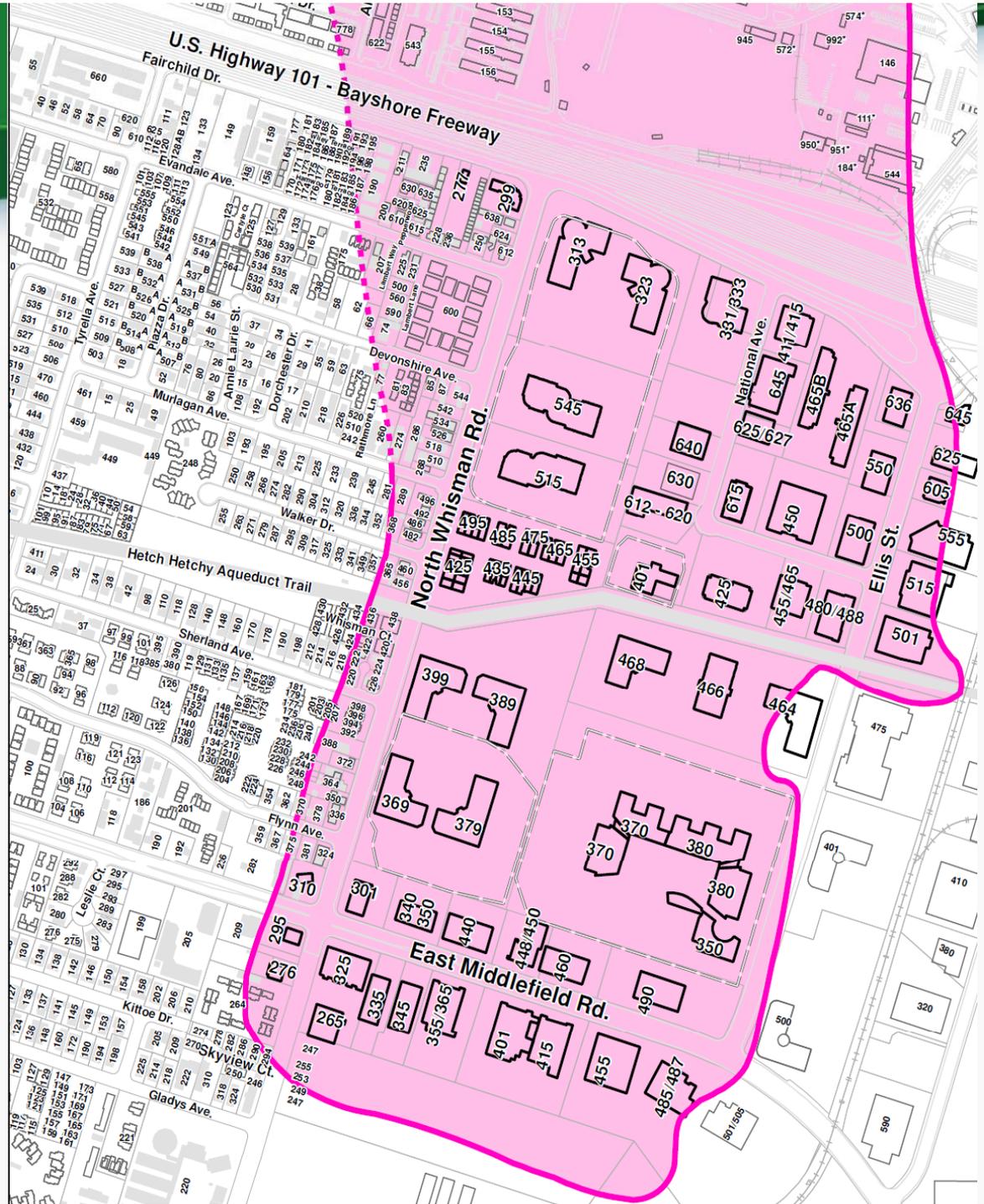


LEGEND

- Further groundwater investigation is ongoing (2013) to delineate the 5 ppb TCE plume boundary. Upon completion the figure will be updated.
- Vapor Intrusion Study Area – estimated TCE in groundwater > 5 parts per billion (ppb) (updated based on 2012 groundwater results)

VAPOR INTRUSION STUDY AREA
NORTH OF U.S. HIGHWAY 101 - MOFFETT FIELD AREA
MAY 2013

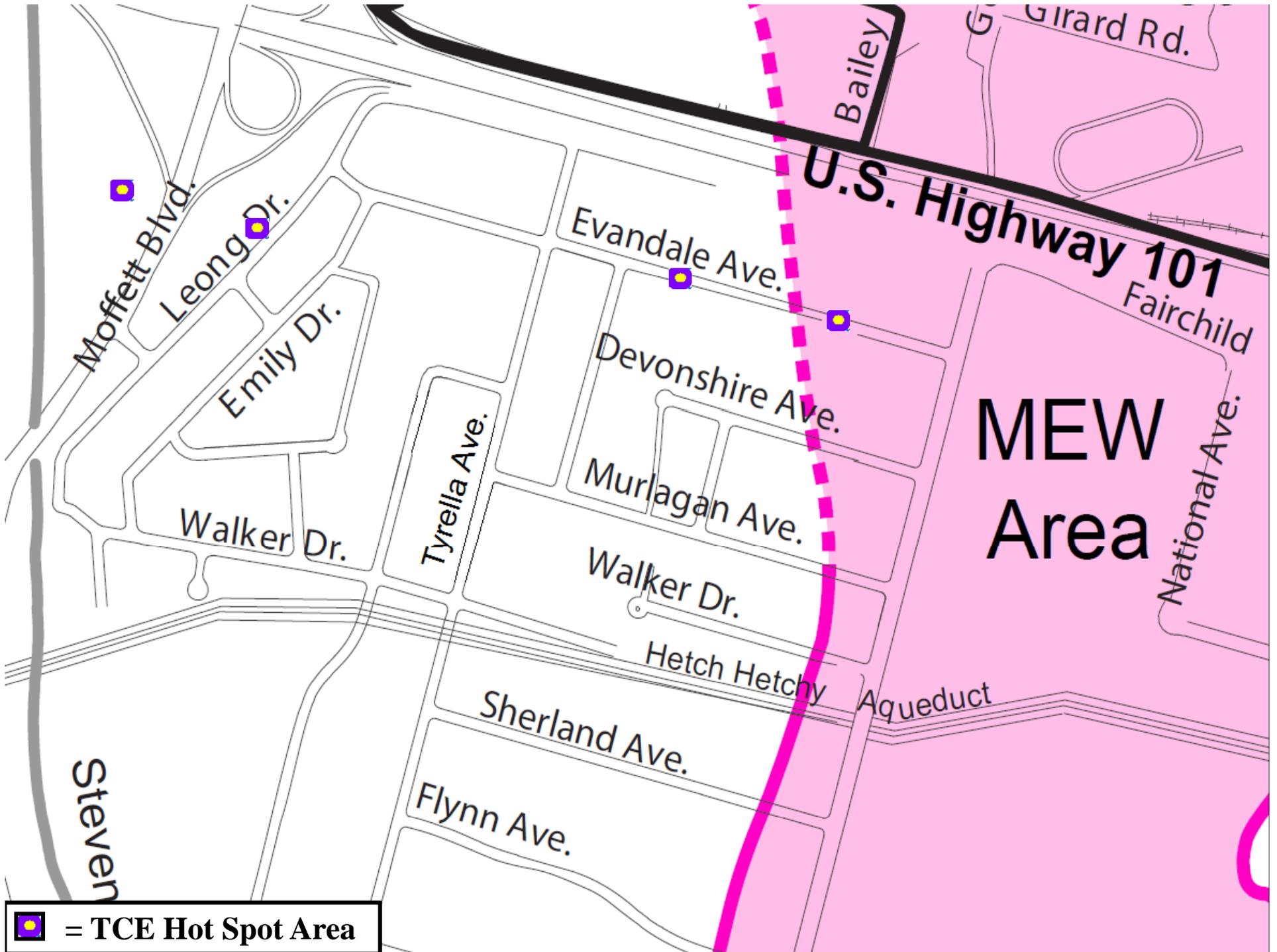
MEW Area – South of 101



MEW Area – Commercial Buildings Summary



- Over 66 buildings sampled in the MEW Area – South of 101.
- Interim vapor intrusion control measures taken – when indoor air or pathway concentrations exceeded TCE indoor air cleanup level of 5 micrograms per cubic meter (e.g., seal conduits, modify building ventilation system, install sub-slab or crawlspace vapor mitigations system).
- New commercial buildings built with vapor intrusion control systems



 = TCE Hot Spot Area

Indoor Air Sampling Results Summary



- EPA sampled over 90 residences in expanded residential areas, and over 140 residences.
- No TCE was detected in most residences sampled.
- TCE was detected in some residences, but below indoor air cleanup levels. These homes were re-sampled to confirm TCE below indoor air cleanup levels.
- TCE has been found in three residences exceeding EPA's TCE indoor air cleanup level of 1 microgram per cubic meter.
- Vapor intrusion control systems were installed to mitigate TCE indoor air concentrations to below indoor air cleanup levels.

Summary



- Results from all indoor air sampling showed vapor intrusion not a problem in most residences sampled.
- Based on groundwater and air sampling to date, areas outside the high priority areas that overlie lower TCE groundwater concentrations are considered as low vapor intrusion risk.

Ongoing and Upcoming Work



- Ongoing vapor intrusion sampling in commercial buildings.
- EPA planning additional subsurface investigation this spring, which will include groundwater and soil gas sampling along Fairchild Drive.
- EPA will continue to update the community on the planned work and our findings.
- EPA conducting streamlined Five-Year Review for the MEW Site.

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**EPA Websites –
For More Information**

www.epa.gov/region9/mew

www.epa.gov/region9/moffettfield

www.epa.gov/oswer/vaporintrusion