

# Neighborhood Evaluation

**Peter Garcia, Branch Chief**  
**Work Group Meeting**  
**August 10, 2016**



Department of  
Toxic Substances  
Control

August 10th 9:42 AM version



# Objective

To determine if PCB-impacted dust from the Ag Park may have migrated into the surrounding neighborhood.

# Site Map

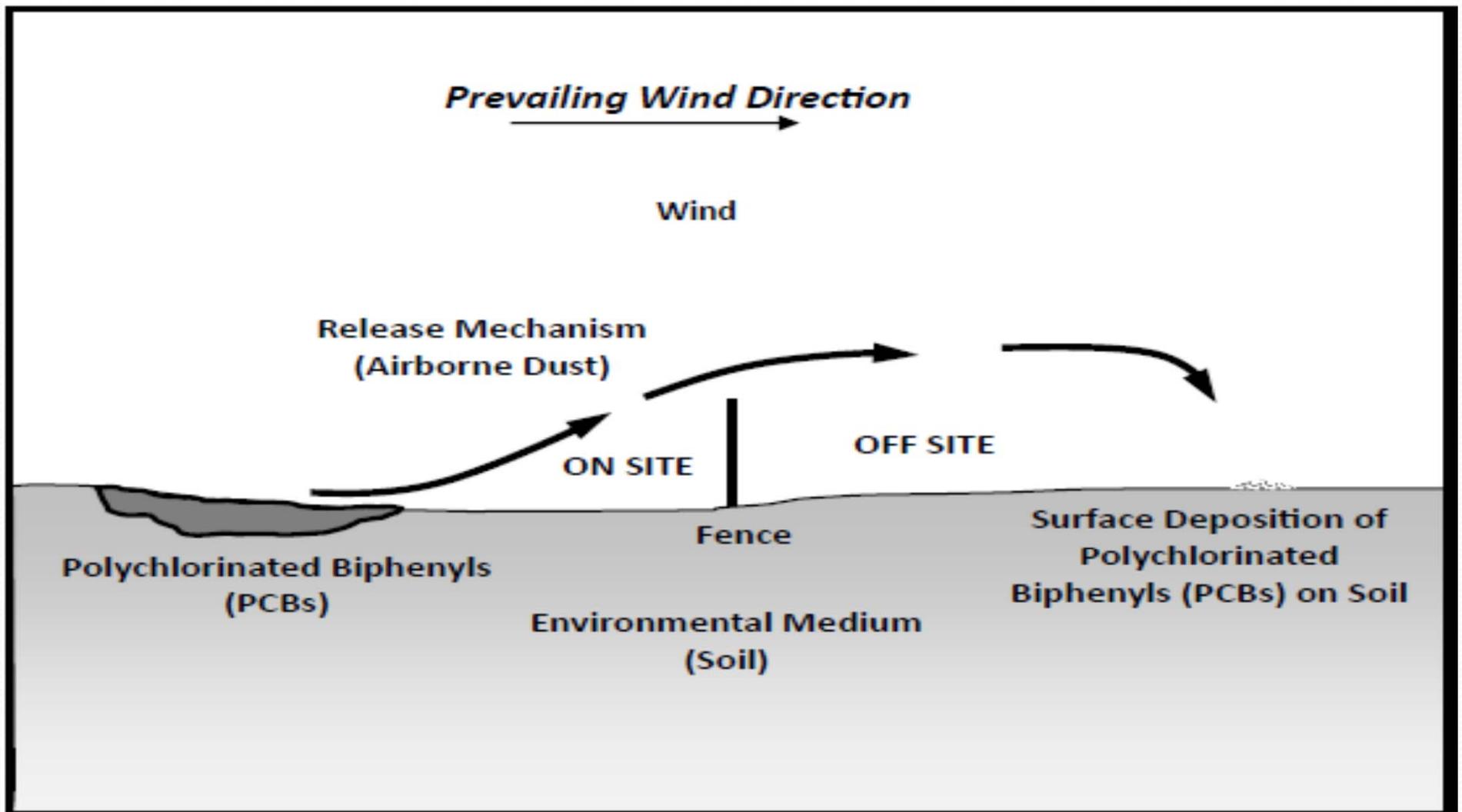


# PCBs in the Environment

- PCBs are very stable
- PCBs are very slow to degrade
- PCBs are “sticky” and they could attach to particles of dust
- PCBs attached to dust or other particles could then be transported by the wind

# Site Hypothesis

A depiction of how PCBs may have been transported from the Ag Park and where they may have been deposited in the neighborhood.



# Local Prevailing Wind Direction



# Purpose of Neighborhood Soil Sampling

- To verify the hypothesis
- To verify the computer model developed by the State Air Resources Board
- To get soil data from the neighborhood to find out if further action is needed
- To find out if there are ambient PCB levels that exist in the environment

# Work in Progress

DTSC will verify the results of the Conceptual Site Model by:

- Identifying areas in the neighborhood with highest likelihood for dust deposition.
- Working with State Air Resources Board on a computer “model” to understand possible movement of dust from the Ag Park by the wind, and where it might have been deposited
- Finding out if there are “ambient” PCB levels that exist in the environment
- Creating a neighborhood sampling plan to answer these questions

# Small Group Discussions

- Break out into small groups
- Each group will be facilitated by a DTSC staff person
  - Group 1 – Dot Lofstrom
  - Group 2 – Stacey Lear
  - Group 3 – Peter Garcia
  - Group 4 – Greg Sweel
  - Group 5 – Phil McPhaul
  - Another group may be added if needed
- Joan will be a “floater” interacting with each group

# Each group will....

- Provide input on where to sample and why?
- Designate a group spokesperson
- Each person will have an opportunity to provide feedback
- Spokesperson will present feedback after the group session ends
- Group presentations should be around 2 minutes each