

Burnaby Refinery Community Advisory Panel (CAP)

Area 2 Hydrocarbon Seep UPDATE April 6, 2011





Seep Update

- Previous Seep update presentations available on CAP website:

<http://www.chevroncap.com/files/meetings.php>

Beach Seeps – Absorbent mats installed

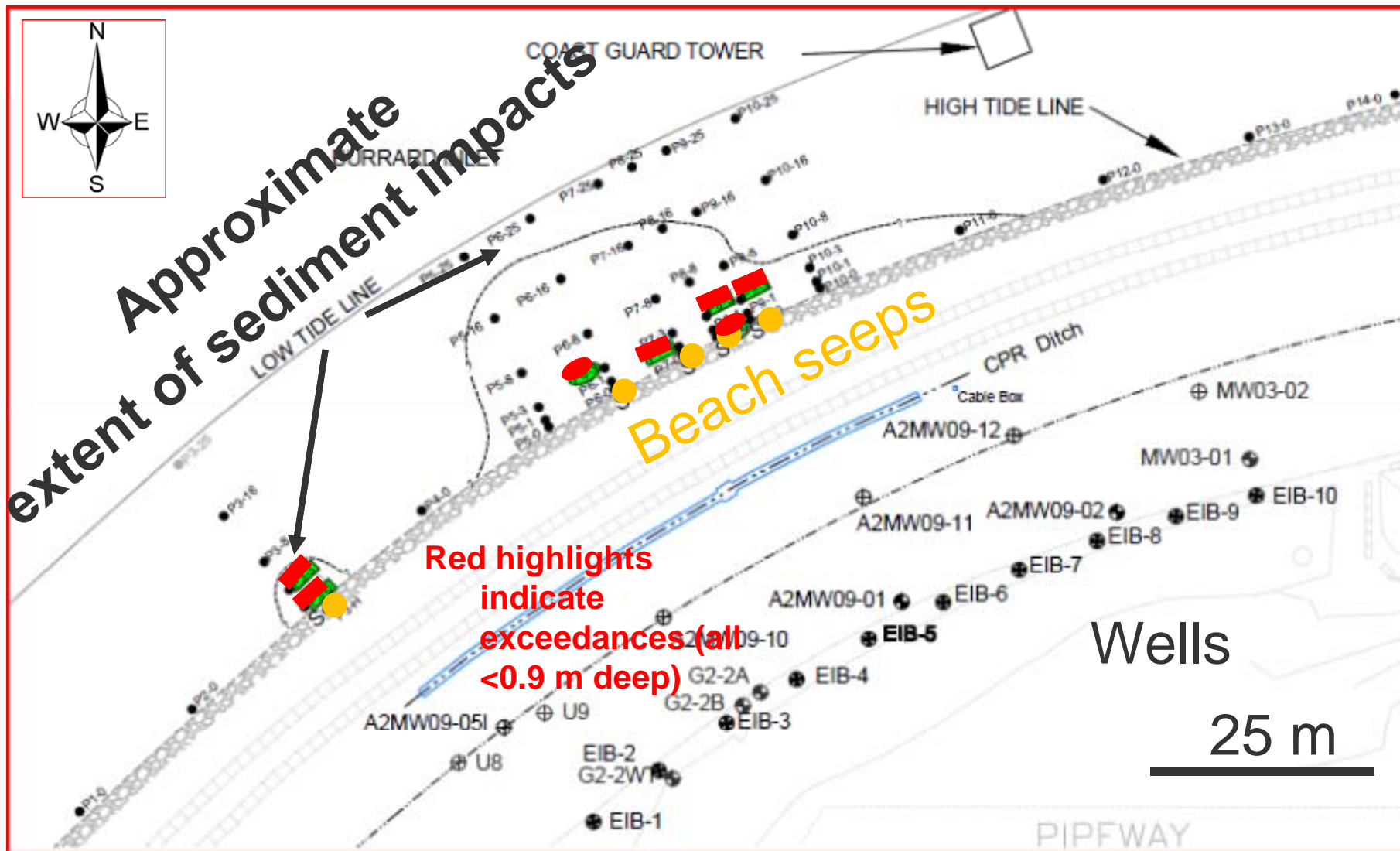


Completed in March 2011- Monitoring is ongoing and expected to be long-term (years)



Beach Seeps – investigation ongoing

Detailed Site Investigation (DSI) to delineate groundwater



Beach Seeps – Ongoing monitoring

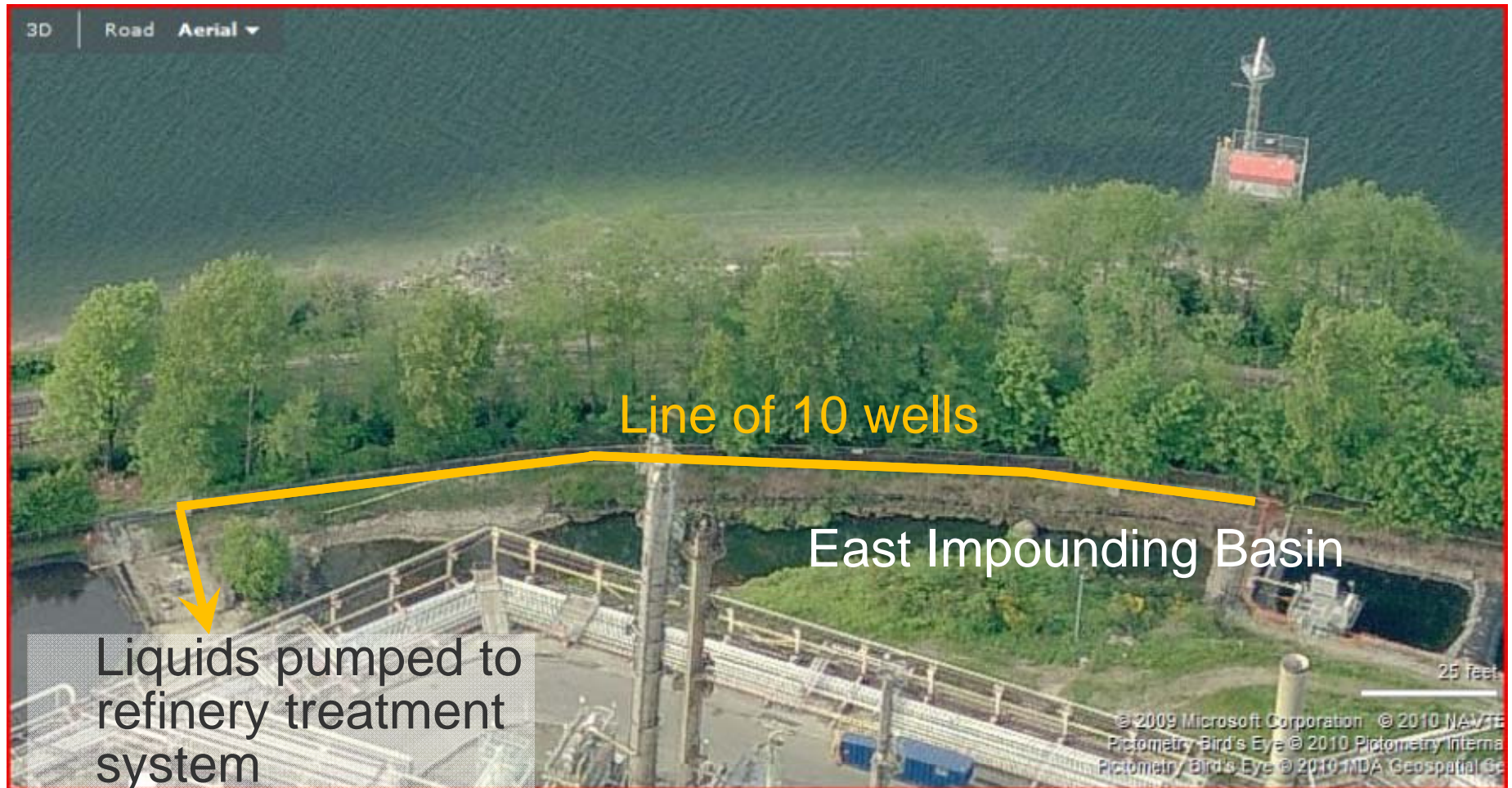


Monitoring wells on beach (protected by tires)

Railroad – shallow interception trench installed (January 2011)

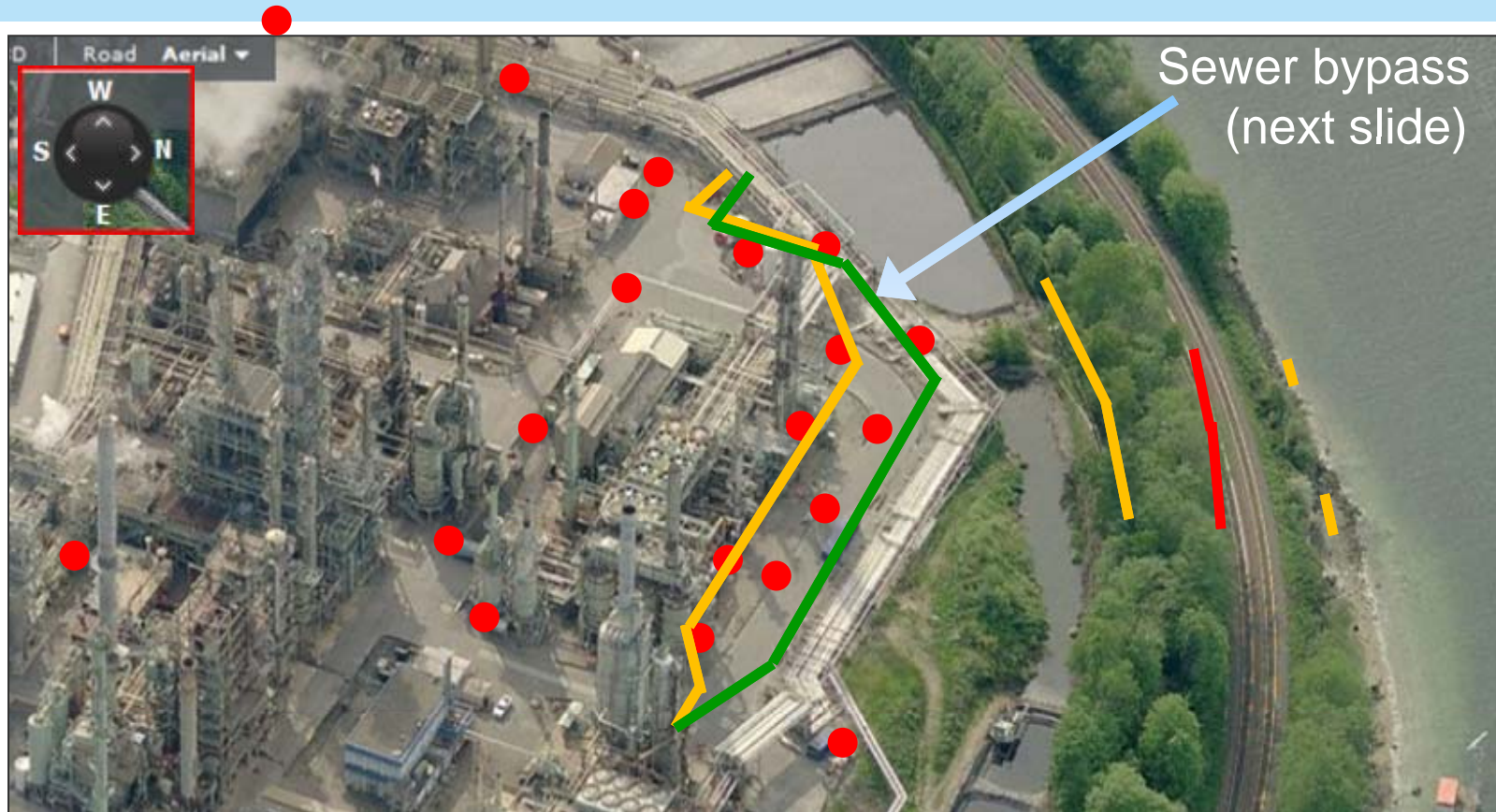


EIB (East Impounding Basin) Wells



View looking north

Source Investigation Result



After digging test holes, drilling boreholes and installing over 40 wells the results of the investigation indicate the north sewer is a major contributor to the Seep. Therefore it is being taken out of service.

- Approximate location of completed boreholes (not all wells shown)

Sewer Bypass



- Sewer bypass now being installed.
- Expected completion near end of April

Commitment



- Chevron is committed to ensuring that we protect our local environment, and mitigate and contain any potential impacts relating to this seepage.
- Our priority is to contain and prevent material from leaving our site, with oversight by the designated regulator.