

Occidental Tacoma Site Cleanup Action Plan: Key Elements

1. Shallow Soil and Groundwater Soil Vapor Extraction.

- Treat shallow soil and groundwater mass
- Dewater contaminated shallow soil for treatment
- Extracts contaminated shallow soil vapor for treatment
- Extract contaminated shallow groundwater for treatment
- Reduces migration and potential release of hazardous substances (groundwater, soil, soil vapor, indoor air, and ambient air)

2. Sheet pile wall.

- Shallow groundwater cutoff
- Bank stabilization
- Reduces flushing near the embankment (soil, surface water, porewater, and sediment)

3. Cover system.

- Eliminates direct contact exposure
- Reduces infiltration.

4. VOC Source Area Mass Reduction by Strategic Groundwater Pumping.

- Extract mass and contain plume.

5. Institutional Controls.

- Limits/prohibits activities that interfere with the integrity of the remedy

6. Ongoing Monitoring

- Routine soil vapor and groundwater monitoring

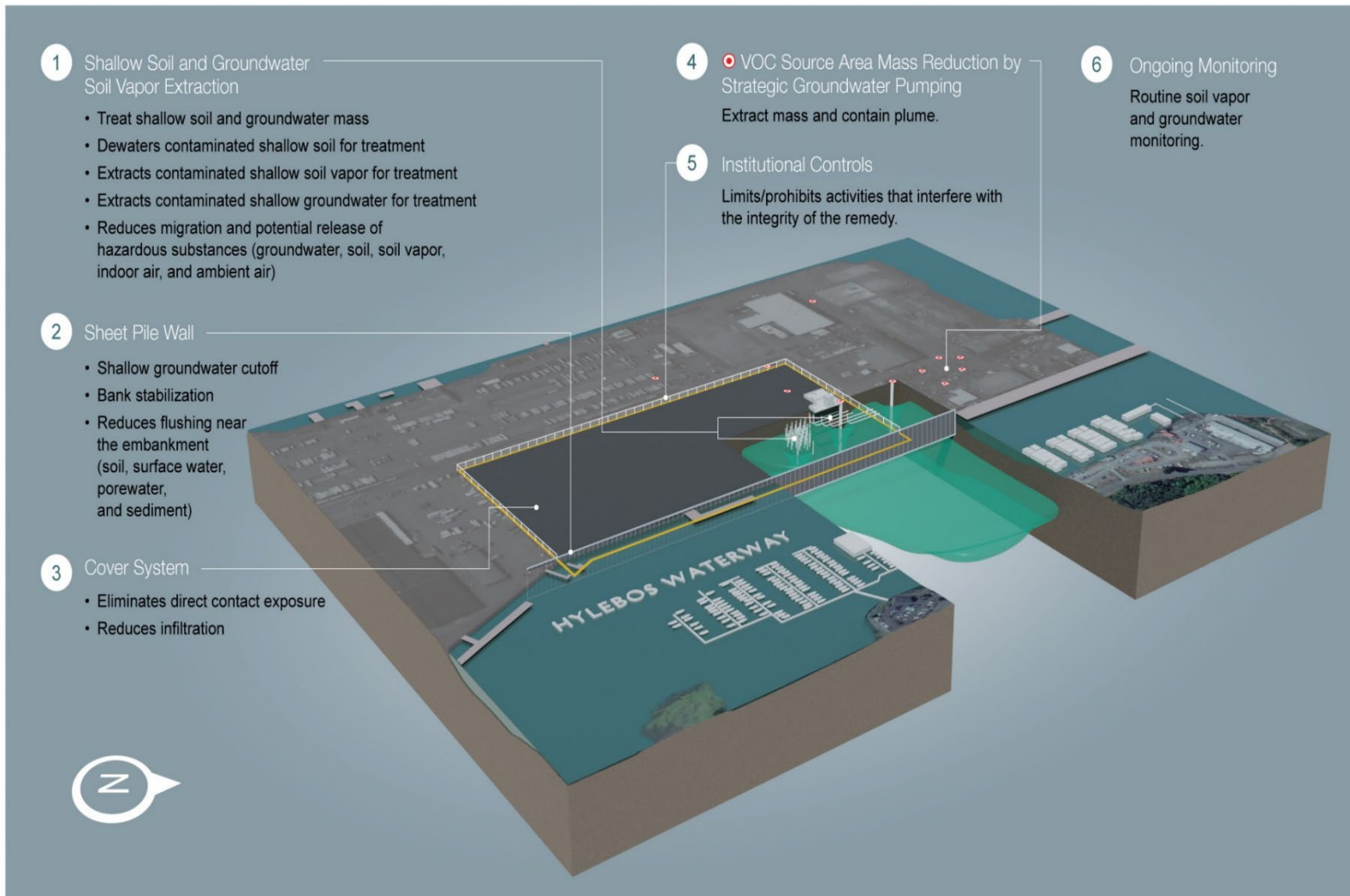


Figure 1. Occidental proposed remedy in 6 steps. <https://fortress.wa.gov/ecy/publications/SummaryPages/2004011.html>