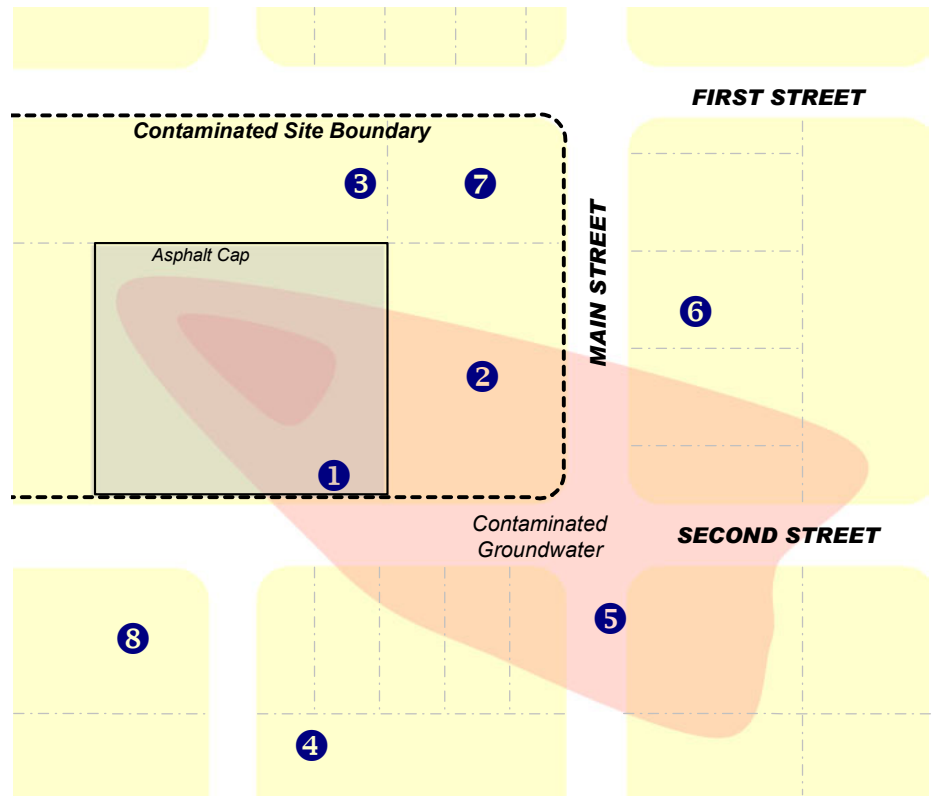


A Contaminated Site and “A Series of Unfortunate Events” ... Terradex Is There To Protect You

Life continues at and around environmentally-contaminated sites. New land uses and activities can threaten the investment in the clean-up remedy, and accidentally bring new health and environmental risks.

Contaminated sites, like the example at the right, coexist with the surrounding community. The example site is in a commercial industrial zone, but residential land use is encroaching. After the remediation, an asphalt cap was placed to limit percolation, and land use controls were placed to control future land activity over the years for the groundwater contamination to degrade.

Any cleanup remedy is vulnerable to an unfortunate event. Working like a “smoke alarm,” Terradex systematically monitors land activity permits and notices, and inspects occupancies and land records. If a potential unfortunate event is detected, Terradex proactively sends an alert via email or telephone. Terradex protects the remedy approach, and thereby helps protect the communities surrounding the sites.



	<p>Some Unfortunate Events <i>This list represents typical future activities that could occur at or near a contaminated site.</i></p>	<p>And How Terradex Protects <i>Terradex monitors, records and inspects sites to proactively alert future unsafe land uses or activities.</i></p>
1	An excavator digs into an asphalt cap damaging integrity of engineered control. Aside from the damage, there is a potential loss to the negotiated remedy.	Prior to the excavation, Terradex sends alerts based upon excavation clearances, and the plan check process. Terradex handles communication with the excavator.
2	A new child care facility is installed above the zone of contamination. The responsible party risks adverse publicity and community concern.	Alerts will be sent using data from County licensing of new child care, and from quarterly neighborhood occupancy inspections.
3	An uninformed purchaser fails to learn about institutional controls on their property. Inadvertently, the new owner plans for multi-family housing, in conflict with the institutional control.	Alerts will be sent based upon sale of property. Terradex transmitted certified notice to new property owner informing them of institutional controls.
4	A new water supply well is installed that causes the contaminated groundwater plume move, and risks contaminating the water supply.	Proactive alerts will be sent based upon excavation clearances and water well permits.
5	The local Public Works Department installs a new water main through a zone of contamination. The delay of work and mitigation measures are costly expenses, and construction worker exposure is a threat.	Long before the water main is installed, Terradex alerts based upon monitoring of government construction bids, then alerts again using contractor design queries through the utility clearance process.
6	Local government changes the zoning from commercial to residential. The change could re-open cleanup level discussions.	Terradex monitored government notices cities give to states when zoning changes are transmitted. Periodic city record review detected a variance application.
7	An institutional control is subordinated by a new recording, or the future landowner seeks to escape the limitations through a mapping change. This could compromise the basis of the site remedy decision.	Terradex inspects property records and observes for mapping changes or recent recordings. Alerts will transmit any activity.
8	A new basement is installed in a residential property. The residents are at risk to inhale low vapor concentrations.	Terradex monitors the plan check and utility clearance system. Furthermore, site reconnaissance detects the activity.