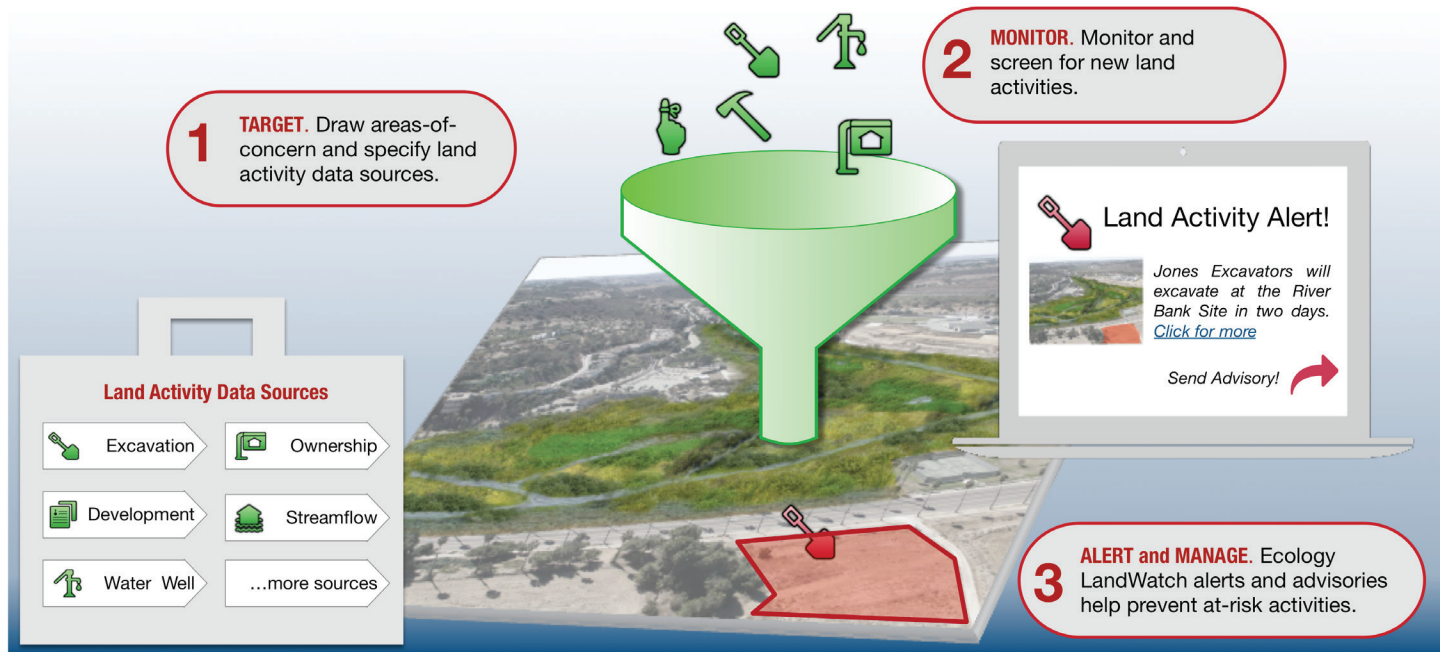


Product Bulletin



Ecology LandWatch detects and helps avoid land activities that may be detrimental or otherwise pose risks within managed or preserved lands, such as mitigation banks, open space preserves, among many others. Leveraging the time-tested LandWatch technology, which has been employed for years in connection with redeveloped contaminated lands, Ecology LandWatch is a versatile web-based application that continuously monitors selected activities in and around customer-defined managed or preserved lands. Unlike periodic field monitoring, Ecology LandWatch continuously monitors a host of key land activities. When adverse land activities are detected, Ecology LandWatch “alerts” enable land owners/managers to evaluate and manage impacts from at-risk nearby events and, if necessary, take intervening steps. For over ten years, large corporations and government agencies have deployed the core LandWatch technology which now, customized as Ecology LandWatch, brings its unique and powerful approach to managed and preserved lands. Ecology LandWatch introduces efficiency and effectiveness to maintain the integrity of remote natural resource areas.

Target. If it can be mapped, Ecology LandWatch can monitor it. The targeting process identifies areas of concern and tailors the monitoring to match the risk at a site. It can be deployed for small single properties, large multi-property sites, wetlands, mitigation banks, land trusts, public parks and open spaces, real estate land holdings, agricultural lands, waterfronts and

other similar properties. A tailored monitoring approach can be deployed for each site or within specified zones of a single site.

Monitoring. The ongoing process involves the automatic collection, filtering, and review of numerous land activities via a combination of automated and manual data collection. With a growing library of over one thousand land activity data sources, Ecology LandWatch monitors excavation events, land development and permits, ownership changes, water wells, building permits, new tenancy, and zoning, among others. Remote sensor monitoring relies on field sensors, such as stream level gauges, to continuously monitor field conditions. Satellite change detection finds new land disturbances including structures, grading and ecological health.

Alert and Manage. The alert and manage process combines flexible tools that push alerts when monitoring data detects risks; business processes to help address the risks; and a powerful web application that stores monitoring data and alerts and provides evaluations and reports of past activities. The alerting tools can send customized private alerts only to clients or their consultants, and send an e-mail, text or mailed advisories to 3rd parties like new homeowners or contractors. When monitoring triggers an alert, Ecology LandWatch tools continue to monitor the site and help support resolution of the alert. A secure web portal allows customers to oversee a single site or a global portfolio of natural resource sites.



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