

# SURVEILLANCE UNCOVERS ILLEGAL DUMPING

EPA and Nearmap

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The Environment Protection Authority (EPA) of South Australia is a government organisation dedicated to protecting land from the adverse impacts of pollution and waste, ensuring the water quality of surface, ground, coastal and marine waters, and monitoring for atmospheric pollutants that have an impact on air quality.

## CHALLENGE

The EPA Investigations & Incident Management Branch (IIM Branch) targets illegal dumping of hazardous waste, controlled waste and commercial quantities of construction and demolition waste. This includes Operation Austrans, which aims to provide insight into the transport of waste and uncovered waste loads. To improve its monitoring capability and operational efficiency, EPA needed to deploy higher resolution aerial-survey imagery, and provide an integrated technology platform that would enable ready access to a range of detailed geophysical information, including historic imagery, with reliable accuracy.

## SOLUTION

EPA integrates Nearmap imagery with detailed, accurate site information into its geospatial systems including Google Maps, Google Earth and Enviro-Map. "Being able to view the street map and property boundaries in real-world detail is tremendously helpful, especially for rural sites, which are often less clearly marked" said Shellie Rowse, Compliance & Enforcement Adviser, IIM Branch. "It helps us determine... who owns it, what the dimensions are, and even whether the property has been extended without authorisation."

## BUSINESS IMPACT

EPA can now focus on specific industries — such as construction and demolition — and target known illegal-dumping hotspots, from a desktop or mobile browser, in high-res detail. With historical imagery, Nearmap makes it easy to monitor potential environmental risk from onsite developments. The IIM Branch can identify when activity, such as the importation of waste soils or the stockpiling of construction waste, started on a particular site.

"Nearmap enables us to monitor unauthorised activities at a particular site, which, in the past, would have been a vague blur. Its high resolution images allow us to identify the type and extent of the activity, and provide the evidence needed to support further investigation."

Shellie Rowse, Compliance & Enforcement Adviser, Investigations & Incident Management Branch



INCREASED  
PRODUCTIVITY



MINIMISED  
SITE VISITS



REDUCED  
OHS RISK

- Nearmap Vertical
- Nearmap Oblique
- Nearmap 3D

## NEARMAP FOR ENVIRONMENTAL MANAGEMENT:

To learn more about Nearmap for improved efficiency, visit: [www.nearmap.com/government](http://www.nearmap.com/government)

