

LANDSCAPE STORYTELLING FROM ABOVE

The changes to the features of a landscape tell a story that anyone can see, however, telling that story accurately requires experience and knowledge. Landair Surveys have been telling this story for over 30 years and their skills in taking and analysing aerial photography are a vital part of any large or small scale development project.

Managing director of Landair Surveys Erik Birzulis understands the distinct advantages of aerial surveying and uses his 20 years of surveying experience to ensure the best outcome for Landair Survey's clients.

Aerial surveying provides a range of benefits particularly suited to projects covering large areas and subject to ongoing changes. A single flyover captures the layout of a site and provides a more economical way of surveying a large area than a traditional ground survey.

Once aerial photographs are gathered then plans and 3D models can be produced to help build an accurate picture of each site's complexities.

Aerial survey also enables stockpile volumes and volumes between epochs to be calculated. All of this means that aerial surveying provides a distinct advantage in telling the story of each individual site and how this can influence each project.

Infrastructure Projects

Aerial surveying provides a fast, efficient and cost-effective way to



capture large sites at an instant. For roads and other large-scale infrastructure projects time and accuracy are important. Being able to quickly and accurately assess the layout of a site – especially over a large area is a necessity.

Combining aerial photography with state of the art computer modelling provides timely and accurate information about the unique features and challenges of each site. This ensures the best information for planning at all stages of construction, before, during and after.

Quarries & Mines

The quarrying and mining industry have utilised aerial surveying expertise to stay informed of the ongoing changes to each site.

The nature of quarrying is such that alterations to the topography of an area is a feature of each site. Aerial surveying is the best way to

accurately capture these changes at an instant and calculate available stockpiles and volumes that have been removed.

Furthermore, aerial photography does not require site access so the necessary information is captured without disruption to day to day operations. The data gathered from aerial surveying can be used to produce accurate 3D models which provide a clear idea of the layout of a site. The aerial photograph can also be used as a background for Traffic Management Plans, Site Safety Plans, Underground Services Plans and more.

Landfills

By accurately calculating how much volume landfills take, aerial surveying technology helps both local councils and private operators make informed decisions about future developments of landfill sites and the volumes of space required. The 3D modelling developed from

the aerial photographs provides the best way for the unique features and challenges of a particular site to be seen. The information provided based on aerial surveying gives the best base from which to build accurate plans for future needs. Aerial snapshots can allow for the history of a site to be glimpsed in an instant and provides a much richer picture of the overall story of a particular area.

Where to from here?

The benefits of aerial surveying are keenly recognised by Landair Surveys, a company whose commitment to precision and accuracy has seen them embrace new technology and develop existing methods, to best suit each situation. This makes Landair Surveys the first and best choice for companies or organizations, large or small, working with infrastructure, roads, quarries and landfills.

Key Benefits of Aerial Surveying

- Covers large areas quickly, efficiently and accurately
- Enables large scale mapping with no site access issues
- Allows production of accurate plans, 3D models and flythroughs
- Volumes of stockpiles can be calculated quickly
- Volumes can be computed between epochs
- Less expensive than traditional ground surveys for large areas
- Instant snapshots to stay up-to-date with changes

To arrange your next aerial survey contact Landair Surveys now



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