The Talis Environmental Investigations team specialise in all aspects of environmental site assessment. We have significant experience in all aspects of contaminated site assessments, hydrogeological assessments and geotechnical investigations, delivering integrated solutions for our clients.

Our experienced consultants have a wide and detailed knowledge and experience in delivering tailored integrated investigations within the commercial/industrial, mining, land development and waste management sectors, providing a clear path to ensure our clients achieve statutory compliance, while also providing the advice they require to facilitate their project goals.

Our team hails from a variety of backgrounds and experiences enabling us to successfully manage and facilitate projects across all industry sectors. Furthermore, we offer the additional advantage of staff that have worked within government agencies in WA, and have continued to provide services to these agencies.

Our ability to provide integrated site investigations covering all aspects of ground engineering results in improvements in time, cost and quality without the need to engage multiple consultants.

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Advisory Services, Technical Reporting, Legal Representation, Community Engagement.
Talis staff have delivered solutions for the following projects:

**Bannister Road Landfill, City of Canning**
Contaminated Site investigation and Geotechnical Investigation
Contaminated site investigation, landfill gas assessment and geotechnical investigation for historical landfill facility.

**St Ives Gold Mining Company**
Contaminated Site Investigation
Preparation and completion of several detailed site investigations, undertaken across active mining tenements.

**Greater Northern Connect**
Contaminated Site Investigation
Preparation and completion of auditor approved contaminated site investigation for a portion of the Perth-Darwin National Highway.

**Shire of Esperance**
Hydrogeological Investigation and Geotechnical Site Classification
Intrusive investigations, groundwater geochemical assessment, soil indexing, aquifer parameter assessment and the completion of a Phase 1 and Phase 2 hydrogeological assessment, including LandSim modelling, and a Geotechnical Site Classification report.

**Shire of Upper Gascoyne**
Geotechnical Site Classification
Preparation and execution of a Geotechnical Site Classification report for a residential development.

**Shire of Broome**
Hydrogeological Investigation and Geotechnical Site Classification
Intrusive investigations, groundwater geochemical assessment, soil indexing, aquifer parameter assessment and the completion of a Phase 1 hydrogeological assessment, and a Geotechnical Site Classification report.

**Smith Snackfood Company**
Contaminated Site Investigation
Preparation of a Preliminary Site Investigation for the end of a commercial lease.

**APT Limited**
Contaminated Site Investigation
Preparation and completion of a contaminated site investigation, including hydrocarbon plume assessment, for a gas meter station.

**Shire of Ashburton**
Geotechnical Site Classification
Preparation and execution of a Geotechnical Site Classification report for a commercial development.

**Shire of Dandaragan**
Asbestos Investigation
Execution of an asbestos investigation across a public open space impacted with asbestos containing material.

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**Case Study: City of Canning - Former Bannister Road Landfill**
Talis was engaged to complete a range of Environmental Investigations at the former Bannister Road landfill, located within the City of Canning. The City proposed to redevelop the Site for a commercial end use and required a contamination investigation and geotechnical assessment of the historical landfill. The investigation was also subject to an Environmental Auditor reporting scheme.

Talis completed the intrusive investigations which involved the sinking of numerous soil bores, installation of groundwater and landfill gas monitoring wells, and the collection of soil and groundwater samples for geochemical analysis. Ongoing landfill gas assessment was also undertaken, with an aim to assess the difference in flow and concentrations during falling atmospheric pressure conditions. An integrated geotechnical Investigation was also completed, which involved the collection of data via insitu testing and soil sample collection.

Following the collection of data, Talis undertook a detailed human and ecological health risk assessment, a detailed landfill gas assessment and geotechnical site classification, all of which were subject to Auditor scrutiny. We provided our client with a solution for the development which highlighted the best solution for the future use of the landfill site.