



GHD in the North West

→ The Power of Commitment



We are committed to solving the world's biggest challenges in the areas of water, energy and urbanisation.

We are a global professional services company that leads through engineering, construction, and architectural expertise. Our forward-looking, innovative approaches connect and sustain communities around the world. Delivering extraordinary social and economic outcomes, we are focused on building lasting relationships with our partners and clients.

About GHD

GHD provides engineering, environmental, advisory, architecture, digital and construction services.

Every interaction in society impacts the environment in some way. At GHD, we offer a broad range of environmental services to help our clients develop projects, enhance performance, and close and remediate operations, while managing risks and impacts.

GHD's Karratha office is serviced by a multi-disciplinary team of 10 staff providing a broad spectrum of consultancy services to our clients across North West WA. Supported by a large network of offices throughout Australia.

Engineering Projects

Rio Tinto Iron Ore - Dampier Hwy Intersection Improvements

GHD was engaged by Rio Tinto to develop concept designs of two intersections along Dampier Hwy at Kangaroo Hill Road and Parker Point Road. GHD designed improvements to the intersections to allow for the design vehicles to safely navigate the intersection. GHD acted as liaison between Rio Tinto and Main Roads WA. GHD submitted a report to the client outlining the modifications to the intersections and the swept path of design vehicles.

Rio Tinto Iron Ore - EII 5E and 18E Drainage Design

GHD was engaged by Rio Tinto to produce detailed drawings and technical specifications of drainage works to be undertaken on East Intercourse Island. Rio Tinto provided GHD with concept design drawings showing their intent for the project. Based on the concept drawings, GHD devised a design and prepared detailed drawings to be provided to a contractor to undertake the drainage works.

Town of Port Hedland - Sutherland Street Parking Civil Design

GHD was engaged by the Town of Port Hedland to incorporate parallel vehicle parking in the Northern verge of Sutherland Street. Works included designing parallel parking and landscaping design along Port Hedland's Northern coastline between Port Hedland town centre and the suburb of Cooke Point which is approximately 4km in length, and comprises of two separate sections. Other deliverables included construction drawings, construction cost estimate, bill of quantities and technical specification.

Environmental Projects

SGS Australia - Wash Down Pad Assessment

GHD was engaged by SGS to complete a contamination assessment of the wash pad to determine the vertical extent of contamination and to develop a report on the findings. Works included a desktop review of the site, soil sampling, soil analytical results compared against the applicable guidelines and a detailed contamination assessment report of the site.

Shire of Ashburton - Onslow Closed Landfill

GHD was engaged by the Shire of Ashburton in 2018, and again in 2019, to undertake monitoring and inspections of the Onslow Closed Landfill site, in accordance with the Site's DWER licence conditions. Works included bi-annual groundwater sampling, quarterly cap integrity inspection, quarterly inspection of gas cowls, bi-annual inspection of surface water management system, annual landfill gas monitoring, annual topographic survey of cap settlement and reporting for each monitoring and inspection.

Maxima Pearling Company - Pilbara Rock Oyster Research and Development Project

GHD was engaged by the Maxima Pearling Company to assist with investigating the feasibility of rock oyster aquaculture production in the Pilbara region of Western Australia. Works included preparing literature review, environmental monitoring workshop and sampling and analysis, final report writing.

