



ENVIRONMENTAL PLANNING & APPROVALS

Alluvium has a team of senior staff experienced in obtaining regulatory approvals for a range of projects throughout Australia for major infrastructure projects where there are impacts on surface water and waterways.

We have specialist skills in supporting the resources sector where we deliver strategic project planning, consultation with regulators and stakeholders, and advancement of science and engineering solutions to facilitate submissions to regulatory agencies and for public display.

Why Alluvium

Understanding of regulatory approvals processes

Our long history working with government in the regulation of infrastructure planning meaning we have well developed relationships and a detailed understanding of regulator needs. We are skilled in guiding our clients through the regulatory approvals process.

Reduce approvals timeframes and compliance costs

Our knowledge of regulator needs and reputation with State Governments results in a very high level of confidence in the work we do. This has a flow in effect and demonstrated impact on approval timeframes. Our skills in understanding the interaction of surface water issues and resource sector development means we can anticipate future needs and issues and see around corners to reduce future compliance costs.

Lower overall project risk

Our involvement in major infrastructure development which have significant interaction with waterways and overland flow paths substantially derisks the project for our clients. We are a national leader in solving waterway and surface water management solutions to reduce risk and reduce constriction and maintenance costs.



Subsidence impact assessment and management strategies

We are highly skilled in the prediction of geomorphic response following longwall mining related subsidence. We use sediment transport projections and hydraulic modelling of pre and post subsidence scenarios to identify risk, and where unacceptable, we provide mitigation and management strategies.



Waterway diversions design and relinquishment

We are a national leader in the delivery of waterway diversions. Our work has been used to develop the QLD Government approvals requirements for diversion design and we have recently develop closure criteria for constructed stream diversions.



Integrated service

We provide an integrated service to support environmental planning and approvals which covers geomorphic, hydrologic, hydraulic and ecological assessments. We provide a seamless planning team to support major infrastructure projects.



Linear infrastructure solutions

We apply our fluvial geomorphology and waterway engineering skills to support the design and construction of linear infrastructure. Where these structures impact on fish movement we as highly skilled in the integration of cost effective fish passage solutions.



Mine closure expertise

Alluvium have extensive experience in providing assessment and advice on all aspects related to mine closure; including sustainable development issues, objectives, closure criteria, issues and strategies, financial provisioning, risk and post closure management requirements.