

16 September 2024

Mr Stephen O'Donoghue
Director Resource Assessments
Department of Planning, Housing and Infrastructure
4 Parramatta Square, 12 Darcy Street
Parramatta NSW 2150

Dear Mr O'Donoghue,

Subject: APA Modification 6 MWP (SSI-15548591) – Soil and Water Management Plan

I refer to condition B15(a) of Part B of the SSI- 15548591 approval for the Moomba to Wilton Pipeline requiring the Soil and Water Management Plan be prepared by a suitably qualified and experienced person approved by the Planning Secretary.

I have attached the curriculum vitae of Mr Ian Gilmore Senior Water Engineer at GHD Pty Ltd, for approval by the Planning Secretary as a suitably qualified and experienced person to prepare the Soil and Water Management Plan for the Camp 3 project site in Modification 6.

I note that condition B15(b) requires that the Soil and Water Management Plan be prepared in consultation with Council and Water Group. The Camp 3 project site in Modification 6 is in the Central Darling Shire Local Government Area. APA propose to undertake consultation with the Water Group in the NSW Department of Climate Change, Energy the Environment and Water and the Central Darling Shire Council only, subject to your approval.

Please contact me on 07 3223 3386 or via email (brian.connellan@apa.com.au) for additional information.

Yours sincerely,

Brian Connellan
Access and Approvals Lead
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Ian Gilmore BE (CIVIL)

Hydrogeologist



Location

Newcastle, New South Wales, Australia

Experience

10 years

Qualifications/Accreditations

- BE (Civil), Diploma in Engineering Practice, UTS, 2013

Key technical skills

- Ground/surface water assessments
- Data interpretation
- Project management

Relevant experience summary

Ian is the team leader of Hydrology and Hydrogeology in the Newcastle office. Ian has ten years' experience in groundwater and surface water assessments for the mining, transport and local government sectors. Ian has project managed multi-disciplinary water resources focused projects. Ian has experience in groundwater monitoring, groundwater management plans and groundwater modelling to assess impacts from mining.

Moomba to Wilton Pipeline – Modification 2 and Modification 6

Role: Water Resources engineer

Client: APT Management Services

Location: Various locations in NSW, Australia

Ian was the lead water resources engineer for the Groundwater, surface water, and soil assessment for Modification 2 and Modification 6 of the Moomba to Wilton Pipeline. Ian was responsible for coordinating the technical specialists to undertake the assessment and technical review.

Picton Road upgrade between Nepean River and Almond Street, Wilton

Role: Hydrogeologist

Client: TfNSW

Location: Wilton, NSW, Australia

Prepared a Soils, Surface and Groundwater Assessment to support a REF for an upgrade of Picton Road in Wilton, NSW. Ian was responsible for the groundwater aspects of the assessment including compilation of groundwater monitoring data, identification of groundwater receptors and assessment of impacts on groundwater receptors.

Hillsborough Road Soil, surface and groundwater assessment report

Role: Hydrogeologist

Client: TfNSW

Location: Cardiff, NSW, Australia

Prepared a Soils, Surface and Groundwater Assessment to support a REF for an upgrade of Hillsborough Road in Cardiff, NSW. Ian was responsible for the groundwater aspects of the assessment including identification of groundwater receptors, analytical modelling to predict the rate of groundwater inflow due to excavation during construction, and assessment of impacts on groundwater receptors.

Woodburn bore field

Role: Project manager, hydrogeologist

Client: Rous County Council

Location: Woodburn, NSW, Australia

GHD project manager for project that includes sanitary survey, review of water quality data and hydrogeological review. Based on the results of the assessment locations of production bores were identified. Ian was responsible for managing the inputs of power supply assessment, planning pathway review, land acquisition cost estimate and a project plan developed for the proposed bores and associated water treatment plant.

Stuarts Point Groundwater and Flooding Assessment

Role: Project manager, hydrogeologist

Client: Kempsey Shire Council

Location: Stuarts Point, NSW, Australia

GHD project manager for ongoing project that includes groundwater and flooding assessment for Stuarts Point. The project included a review of flooding behaviour at Stuarts Point, development of TUFLOW flood model. Based on the results of the TUFLOW model a flood mitigation concept design was developed. Ian was responsible for the hydrogeological component of the investigation and project management of the flooding assessment and concept design.

Airly Mine Annual Surface Water and Groundwater Review

Role: Hydrogeologist

Client: Centennial Coal

Location: NSW, Australia

Undertook an annual review of Airly Mine's groundwater and surface water monitoring data for inclusion in the AEMR. The annual review included analysis and identification of trends in monitoring data; and comparison of groundwater extraction to hydrogeological model predictions.

Groundwater and Surface Water Monitoring Report, Newcastle Gas Storage Facility

Role: Hydrogeologist

Client: AGL Energy Limited

Location: Newcastle, NSW, Australia

Undertook a review of groundwater and surface water monitoring data including statistical trend analysis for the Newcastle Gas Storage Facility.

Tomingley Gold Operations – water management plan

Role: Water resources engineer

Client: Tomingley Gold Operations

Location: Tomingley, NSW, Australia

Prepared a water management plan for Tomingley Gold Operations. The water management plan documented water management practices at the site, summarised baseline conditions and the site and developed trigger values to identify when water related impacts exceeded predicted impacts.

Federation Project – Modification 2

Role: Water resources engineer

Client: Aurelia Metals

Location: Nymagee, NSW, Australia

Prepared a water resources impact assessment for the Federation Project. The assessment included a water balance update to assess proposed operational conditions at Federation Mine and Hera Mine.

Clarence Colliery Water Management Plan

Role: Project manager

Client: Clarence Colliery

Location: Lithgow, NSW, Australia

GHD project manager for preparation of the Clarence Colliery Water Management Plan to support the Extraction Management Plan. This included documenting the water management system, compilation of baseline data and development of Trigger Action Response Plans.

Mandalong Mine Water Management Plan

Role: Project manager

Client: Mandalong Mine

Location: Morriston, NSW, Australia

GHD project manager for preparation of the Mandalong Mine Water Management Plan to support the Extraction Management Plan. The water management plan recommended surface water and groundwater monitoring locations and identified trigger values for identifying water related impacts due to mining.

Airly Mine EIS

Role: Hydrogeologist

Client: Centennial Coal

Location: New South Wales, Australia

Assisted in the preparation of the groundwater and surface water impact assessment for the Airly Mine Expansion EIS. This included the interpretation of baseline monitoring data and GoldSim water balance modelling.

Hawks Nest Sewage Treatment Plant

Role: Hydrogeologist

Client: MidCoast Council

Location: Hawks Nest, NSW, Australia

Undertook of a groundwater assessment of effluent disposal to sand exfiltration beds at the Hawks Nest Sewage Treatment Plant (STP). The results of this groundwater assessment informed an effluent discharge options study for the STP.