

TEC Coal Pty Ltd

# Meandu Mine King 2 East Project

Regional Interest Development Approval

Application RPI21-032

Response to Requirement Notice

FEBRUARY 2022





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# 1 Information required for assessment against PAA criteria

The requirement notice for RPI21/032 TEC Coal – Meandu Mine King 2 East dated 16 November 2021 outlined that further information was required to assist in the assessment of the application against the assessment criteria contained in the *Regional Planning Interest Act 2014* (RPI Act) and Regional Planning Interest Regulation 2014 (RPI Regulation). These further information requirements are listed in Table 1.1.

Table 1.1 Further information requirements

ISSUE NO.	ISSUE / ACTION	RESPONSE
1	<p><b>Issue:</b></p> <p>Section 1.6 Project description states that the project includes open cut mining and associated activities e.g. mine haul road. No details are provided on the extent and location of these activities within the project area.</p> <p><b>Action:</b></p> <p>Provide:</p> <p>(a) a detailed list of all proposed activities to be undertaken and the extent of PAA disturbance area associated with each activity</p> <p>(b) a plan showing the location and extent of all proposed activities within the project area as well as the PAA.</p>	Refer to Section 2 – Proposed Activities
2	<p><b>Issue:</b></p> <p>Section 3.1 of the Meandu Mine King 2 East Project Regional Interest Development Approval Assessment Application Report (supporting report) dated November 2021 prepared by WSP details the environmental authority (EA) and mining lease (ML) owned by TEC Coal Pty.Ltd</p> <p><b>Action:</b></p> <p>To demonstrate that the proposed activities are in accordance with the EA and ML, provide extract copies of the EA and ML detailed in the supporting report</p>	The EA and ML have been provided separately.
3	<p><b>Issue:</b></p> <p>Sections 1.3 and 5.1 of the supporting report include notification processes undertaken as part of other approval processes.</p> <p><b>Action:</b></p> <p>Provide examples of:</p> <p>(a) the issues/concerns raised during previous consultations regarding impact on surrounding landholders and community</p> <p>(b) actions to assist in resolution.</p>	Refer to Section 3 – Consultation outcomes

## 2 Proposed activities

The proposed activities to be undertaken within the K2E ASA along with the extent of disturbance associated with each activity is summarised in Table 2.1. Definitions for these activities are provided in Table 2.2.

Table 2.1 Proposed activities

RESOURCE ACTIVITY	LOCATION	EXTENT OF PAA DISTURBANCE (HA)
Open cut coal mine, general surface activities and associated infrastructure	Part of Lot 289 on FTY1859	187.7 ha

Table 2.2 Definitions

ACTIVITY	DEFINITION
Open cut mine	Open cut mining activities may include but are not limited to an open pit or trench at the surface from which coal is extracted, mineral exploration, vegetation removal and topsoil stripping, construction of safety bunds, overburden removal and rehabilitation.
General surface activities	Surface activities may include but are not limited to mineral exploration, fencing, access tracks, fire breaks, provision of erosion control structures and rehabilitation.
Associated infrastructure	Includes plant, equipment and infrastructure that are ancillary to the open cut mining and general surface activities.

Figure 1 shows the indicative location and extent of these proposed activities within the K2E ASA. It is noted that the locations shown for potential haul roads, potential sedimentation basins (if required) and extent of open cut mining activities is indicative only and may alter as a result of future detailed mine planning and / or sediment and erosion control planning.



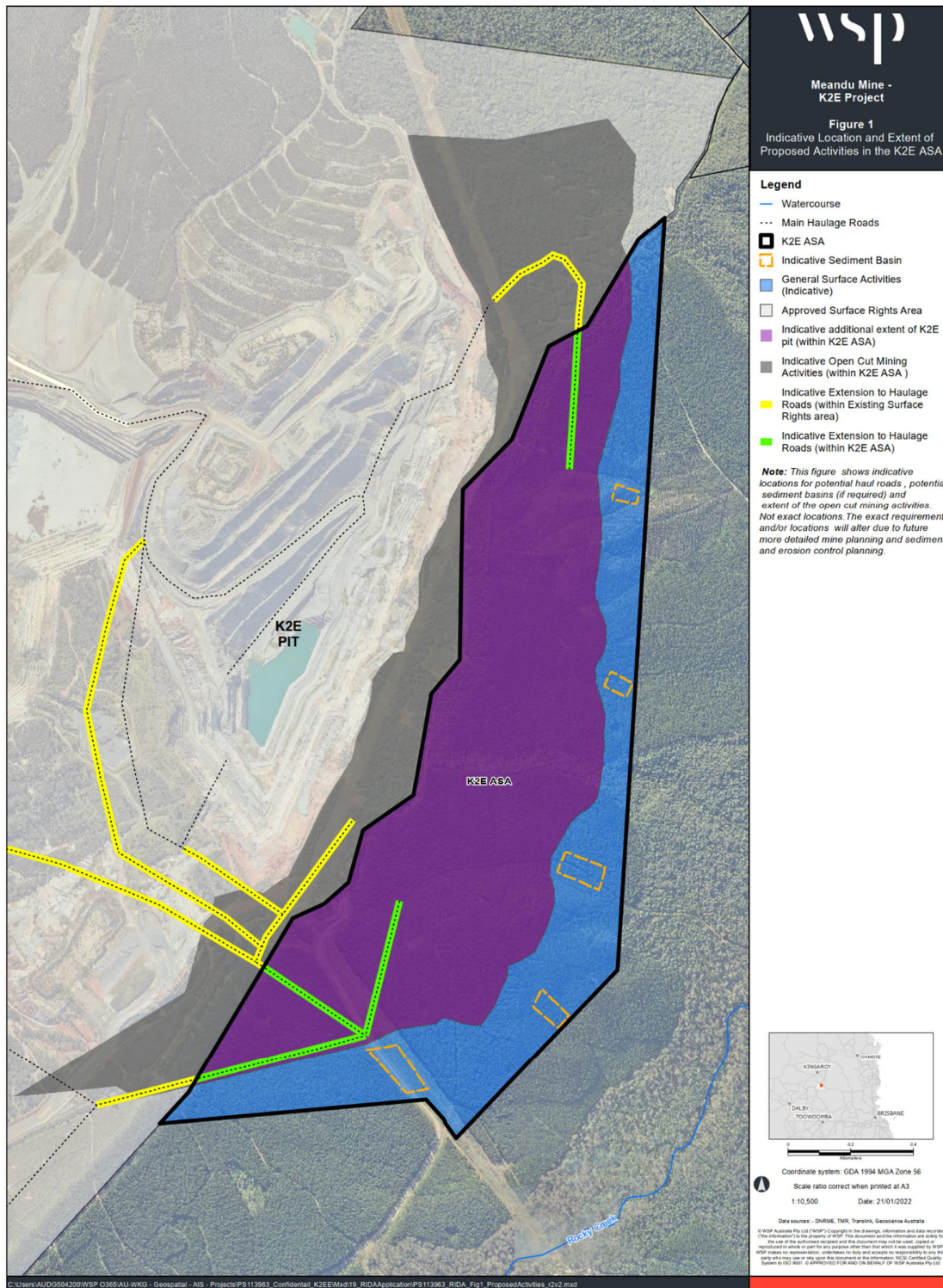


Figure 1 Indicative location and extent of proposed activities in the K2E ASA

### 3 Consultation outcomes

Section 5.2 of the Regional Interest Development Approval Assessment Application Report outlined the consultation undertaken for the K2E Project up to October 2021. The information in this table has been updated to include consultation undertaken in November and December 2021 and to provide detail on the issues/concerns raised and how the issues/concerns raised have been dealt with. This information is provided in Table 3.1 below.

As outlined below, thorough public consultation and community engagement activities concerning the K2E Project have been delivered. During the consultation process, Stanwell received four (4) concerns from landowners about perceived impacts on groundwater bores. Of these concerns, one (1) landowner lodged a formal objection in response to the Public Notification under the *Mineral Resources Act 1989* and it related to potential impacts on groundwater bores. The landowner's formal objection was withdrawn following the execution of an amended Make Good Agreement (the landowner had an existing Make Good Agreement). In good faith, TEC Coal pursued three (3) new make good agreements with adjacent landowners (two are finalised and one is in final drafting) and amended a further three (3) existing make good agreements to satisfy concerns raised by landowners.

Several enquiries relating to environmental impacts, including noise, dust and visual amenity, were raised by community stakeholders. In each instance, Stanwell provided adequate information to offset any cause for concerns.

Table 3.1 K2E Project – summary of consultation

STAKEHOLDER	DATE OF CONSULTATION	DETAILS OF CONSULTATION	ISSUES/CONCERNS RAISED	HOW ISSUES HAVE BEEN ADDRESSED/RESOLVED	OUTCOME OF CONSULTATION
Toowoomba Regional Council	31 October 2017 19 April 2018 8 May 2019 26 August 2019 15 October 2019 12 November 2019 July 2020 6 March 2020 to current, over the phone as required.	Meetings, presentations, updates and/or site visits with Toowoomba Regional Council Infrastructure team.  The purpose of the discussions was to seek support from Council for the closure of a section of Ridge Road and the associated compensation agreement required for the K2E Project.	NIL	N/A	Council has given in principle approval for the permanent closure of Ridge Road. The formal compensation agreement is close to final draft. Updates have been noted by Toowoomba Regional Council representatives.
South Burnett Regional Council	June 2019 2 July 2019 15 October 2019 6 November 2019 to current, over the phone as required. June 2020 June 2020 to current, over the phone as required. 23 November 2021 (community leader update)	Meetings, presentations, updates and/or site visits with South Burnett Regional Council Infrastructure team and/or South Burnett Regional Council Councilors.  The purpose of the discussions was to seek support from Council for closure of a section of Ridge Road and the associated compensation agreement required for the K2E Project.	NIL	N/A	Council has given in principle approval for the permanent closure of Ridge Road.  Formal compensation agreement is close to final draft.  Updates noted by South Burnett Regional Council representatives.

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Local landowners (presented to individually)	At the point of writing this document, 34 nearby landowners have been provided with individual updates or information on the K2E Project.	K2E Project updates provided and where possible questions about the project were answered.	Four (4) landowners indicated they had concerns about the K2E Project impacting their groundwater bores. One (1) of these landowners lodged a formal objection (details listed under the 'Public Notification under the <i>Mineral Resources Act 1989</i> ' section of this table.	Two (2) of three (3) new make good agreements have been finalised and one of the new agreements is in final drafting. Amendments have been made to three (3) existing make good agreements, and are all finalised. Ongoing engagement: Stanwell hosts an annual calendar of engagements including a community information session where local landowners raise/discuss any issues. Social media and website updates and half yearly newsletters are also available. Local landowners have the contact details for our Community Relations team and Stanwell's security office can be contacted 24 hours a day.	Scheduled updates continue to be provided about the project's progress through newsletters, information sessions, neighbour consultative committees and other stakeholders with a direct link to the K2E Project.



STAKEHOLDER	DATE OF CONSULTATION	DETAILS OF CONSULTATION	ISSUES/CONCERNS RAISED	HOW ISSUES HAVE BEEN ADDRESSED/RESOLVED	OUTCOME OF CONSULTATION
			Noise concerns (questions about whether the extension would result in increased noise impacts).	<p>Modelling data provided that demonstrates that noise impacts will meet licence conditions and relevant noise criteria:</p> <p>New monitoring equipment has been placed at a location that represents sensitive receptor locations to the north-east of the K2E ASA.</p> <p>The Meandu Mine Noise Management Plan will be updated to include appropriate actions for the activities in the K2E ASA.</p>	Questions were addressed at the time of the engagement.
			Questions about impacts to visual amenity.	Visual amenity impacts from the K2E Project are considered to be negligible as existing vegetation within the Yarraman State Forest, outside of the K2E ASA, will screen mining activity from sensitive receptors to the north-east and south.	Questions were addressed at the time of the engagement.

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			<p>Questions about potential for increased exposure to dust.</p>	<p>Air quality monitoring and modelling undertaken for the K2E Project has predicted that dust and particulate matter concentrations will be below the relevant air quality objectives at all sensitive receptors. Standard mitigation measures or the implementation of a range of potential additional at-source mitigation measures during adverse weather conditions will be undertaken.</p> <ul style="list-style-type: none"> <li>- New monitoring equipment has been placed at a location that represents sensitive receptor locations to the north-east of the K2E ASA.</li> <li>- The Meandu Mine Operational Dust Management Procedure will be updated to include appropriate actions for the activities in the K2E ASA.</li> </ul>	<p>Questions were addressed at the time of the engagement.</p>

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			<p>Concerns about the Rocky Creek catchment surface water security and quality along with underground bore reliability.</p>	<p>TEC has (through mine and rehabilitation planning) sought to minimise the impact of its mining activities on the Rocky Creek catchment area, with such impact amounting to (as at the final landform post-mining) a net catchment loss of approximately 75 ha or 1.6 per cent of the Rocky Creek catchment area.</p> <p>It was determined in the groundwater assessment for the K2E Project that there are no existing registered groundwater bores that could be impacted by the K2E Project and that it will not impact the groundwater environmental values of irrigation, farm supply or stock watering.</p> <p>To address landowner concerns, TEC is undertaking groundwater monitoring and surface water monitoring in the Rocky Creek catchment.</p>	<p>Questions were addressed at the time of the engagement.</p>

STAKEHOLDER	DATE OF CONSULTATION	DETAILS OF CONSULTATION	ISSUES/CONCERNS RAISED	HOW ISSUES HAVE BEEN ADDRESSED/RESOLVED	OUTCOME OF CONSULTATION
Community (Community Information Sessions)	27 April 2017 22 February 2018 30 August 2018 8 November 2018 8 May 2019 No face-to-face information sessions were held during 2020 due to the COVID-19 pandemic (refer to individual engagement).	K2E Project slide incorporated in General Manager - Mining presentation. This was during the K2E Project's planning phase.  Update to be provided on Meandu Mine operations, including summary of the K2E Project at the next CIS in 2022.	NIL	N/A	Provided local key opinion leaders and community members with information about the progress of the K2E Project to maintain their ongoing support of Stanwell's operations in the South Burnett.
Near Neighbour Committee	11 November 2018	At the committee meeting Stanwell updated the group regarding its current plans including that the future fuel strategy for TPS is being reviewed and we are engaging in feasibility work	NIL	N/A	Group was informed, with the opportunity to ask more questions.

	8 April 2019	During neighbourhood meet and greets a K2E Project presentation/verbal update was provided.	8 April 2019 <ul style="list-style-type: none"> <li>— Pest and weed management.</li> <li>— Rehabilitation.</li> <li>— Future plans for “Quail en Rouge” property and project ecology offsets.</li> </ul>	Further information provided including that: <ul style="list-style-type: none"> <li>— That for the K2E ASA in line with existing site practices there will be weed hygiene practices and monitoring and control of invasive weeds and the feral animal control program will continue and include the K2E ASA.</li> <li>— Rehabilitation of the Meandu Mine will be undertaken in line with the Progressive Rehabilitation and Closure Plan and there will be ongoing consultation regarding that plan.</li> <li>— An offset strategy that considers various properties that TEC owns was included in the K2E Project applications. In the next stage of approval a more detailed plan will outline which properties are used to develop offset for flora and fauna impacts. The “Quail en Rouge” property is being considered. TEC will consult with relevant landowners as the offset plan is developed.</li> </ul>	Questions were addressed at the time of the engagement.
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STAKEHOLDER	DATE OF CONSULTATION	DETAILS OF CONSULTATION	ISSUES/CONCERNS RAISED	HOW ISSUES HAVE BEEN ADDRESSED/RESOLVED	OUTCOME OF CONSULTATION
	<p>21 November 2019</p> <p>Note: No face-to-face information sessions were held during 2020 due to the COVID-19 pandemic (refer individual engagement).</p>	<p>K2E Project and Progressive Rehabilitation and Closure Plan update.</p>	<p>21 November 2019</p> <ul style="list-style-type: none"> <li>— What is the process of claiming plantation land?</li> <li>— Pest and weed management.</li> <li>— Relocation of fauna species while clearing.</li> </ul>	<p>Further information provided including:</p> <ul style="list-style-type: none"> <li>— That the intention for the plantation forest in the K2E ASA is that it be harvested by HQPlantations where the trees are at harvestable age and that HQPlantations be compensated for the loss of that plantation area.</li> <li>— That for the K2E ASA in line with existing site practices there will be weed hygiene practices and monitoring and control of invasive weeds and the feral animal control program will continue and include the K2E ASA.</li> <li>— A Species Management Plan is being developed by ecologists to ensure the staging of clearing activities of the semi-evergreen vine thicket is cleared in a way and at a pace that allows fauna to progressively escape and relocated to adjoining habitat areas.</li> </ul>	<p>Questions were addressed at the time of the engagement.</p>

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	7 December 2021		7 December 2021 – No issues raised		
General community (Via Community Newsletter)	Delivered 17 April 2018 Delivered 1 September 2018 Delivered 28 May 2019 Delivered 6 December 2019 Delivered June 2020 Delivered March 2021 Next edition scheduled to be sent out by in February 2022	In December 2019, the update included a K2E Project map and article – “Planning for Tarong’s long-term fuel supply at Meandu Mine”. Contact details were provided for any enquiries.  In March 2021, a project update was provided in the community newsletter. This include a project milestone and proposed timeline infographic, as well as an illustrative map indicating the size of the additional surface rights area in comparison to the existing surface rights area.  Contact details were provided for any enquires.  Provided general Meandu Mine updates at individual engagements with stakeholders during 2020 and 2021.	NIL	N/A	No questions or concerns raised.

STAKEHOLDER	DATE OF CONSULTATION	DETAILS OF CONSULTATION	ISSUES/CONCERNS RAISED	HOW ISSUES HAVE BEEN ADDRESSED/RESOLVED	OUTCOME OF CONSULTATION
Traditional Owners Wakka Wakka people	27 October 2017 17 July 2020 1 September 2021	<p>Cultural Heritage Coordinating Committee under the CHIA discussed the K2E Project and cultural heritage work needed for the planning phase of the Project.</p> <p>Meeting regarding negotiations for Cultural Heritage Management Plan included presentation slides on the K2E Project.</p> <p>Interim Cultural Heritage Committee meeting at Meandu Mine including K2E Project area visit.</p>	<p>Due to the size of the K2E Project area a larger number of Wakka Wakka people will be required to undertake surveys.</p> <p>Wakka Wakka representatives have indicated that the mandatory white card requirement for access to Meandu Mine limits opportunities for Wakka Wakka people to participate in cultural surveys.</p>	<p>Review of access requirements completed. Wakka Wakka people attending site for the purpose of cultural surveys are <b>not</b> required to have a White Card.</p>	<p>Further updates about the K2E Project's progress to be provided during cultural heritage management plan negotiation meetings</p>
DES (QPWS) Department of Agriculture and Fisheries	September 2019 22 October 2019 8 November 2019 June 2019 22 February 2021 10 August 2021	<p>Briefings, updates and discussions regarding the compensation agreement required for the K2E Project.</p>	NIL	N/A	<p>General terms of agreement have been discussed. Drafting of compensation agreement will occur in 2022.</p>

STAKEHOLDER	DATE OF CONSULTATION	DETAILS OF CONSULTATION	ISSUES/CONCERNS RAISED	HOW ISSUES HAVE BEEN ADDRESSED/RESOLVED	OUTCOME OF CONSULTATION
HQPlantations	13 November 2017 22 January 2018 19 April 2018 28 February 2020 26 June 2020 19 October 2020 1 February 2021 12 May 2021 15 December 2021 And over the phone and emails as required.	Initial K2E Project briefings and meetings regarding access for environmental assessment work. Updates and discussions regarding the compensation agreement required for the K2E Project.	Impact to HQPlantation as the K2E Project reduces their plantation footprint area.	Life of Mine Plan details modelled into the foreseeable future. Details shared with HQPlantations.	General terms of agreement have been discussed. Negotiating commercial terms then will progress to drafting of agreement.

STAKEHOLDER	DATE OF CONSULTATION	DETAILS OF CONSULTATION	ISSUES/CONCERNS RAISED	HOW ISSUES HAVE BEEN ADDRESSED/RESOLVED	OUTCOME OF CONSULTATION
Powerlink	14 July 2017 21 December 2017 11 January 2018 1 June 2018 November 2018 14 March 2019 12 September 2019 21 September 2020 12 February 2021 15 January 2021 25 March 2021 30 July 2021 And over the phone and emails as required.	Meetings and/or site visits for feasibility and planning work for the relocation of the transmission line.	NIL	N/A	Currently meeting and working on terms for the transmission network asset relocation agreement (TNARA).



STAKEHOLDER	DATE OF CONSULTATION	DETAILS OF CONSULTATION	ISSUES/CONCERNS RAISED	HOW ISSUES HAVE BEEN ADDRESSED/RESOLVED	OUTCOME OF CONSULTATION
DES	September 2017 August 2019 6 December 2019 21 February 2020 30 July 2020 4 November 2020 10 November 2020 4 February 2021 23 February 2021 And subsequent to the application lodgement over the phone and emails as required.	Project briefings, updates, site visits and discussions regarding the EP Act requirements for the K2E Project applications.  K2E Project EA amendment application pre-lodgement meeting.	NIL	N/A	Discussion and information provided by DES regarding the EA Amendment Application process.
DAWE	3 December 2020 28 May 2021 14 October 2021	K2E Project briefing together with representatives from DES.  Pre-referral meeting.  The K2E Project referral document was uploaded to DAWE's website for public comment on 27 July 2021 for a period of 10 business days.	NIL	N/A	Information noted by DAWE from first meeting and pre-referral meeting.  K2E Project referral documentation is currently was assessed by DAWE. the project is a controlled action requiring a Preliminary Documentation application.  Currently consulting with DAWE regarding the content of the Preliminary Documentation application.

STAKEHOLDER	DATE OF CONSULTATION	DETAILS OF CONSULTATION	ISSUES/CONCERNS RAISED	HOW ISSUES HAVE BEEN ADDRESSED/RESOLVED	OUTCOME OF CONSULTATION
Department of Resources - Coal Assessment Hub	26 March 2019 24 August 2020 12 February 2021 And over the phone and emails as required.	Project briefings, updates, and discussions regarding the MR Act requirements for project application.  Pre-lodgement meeting.	NIL	N/A	Discussion and information provided by Coal Assessment Hub regarding the MR Act applications process.
Department of State Development, Infrastructure, Local Government and Planning (DSDILGP) - RIDA	15 October 2020 16 September 2021 And over the phone and emails as required.	K2E Project briefing and pre-lodgement meeting to discuss the RIDA application and amendment that is needed for the existing RIDA.	NIL	N/A	Discussion and information provided regarding the RIDA amendment and application process.
Public notification under the <i>Mineral Resources Act 1989</i>	June to July 2021	Stanwell has undertaken public notification under the MR Act. The public notification process enables the community to access and read information contained in Stanwell's application and to provide their feedback via a formal submission to the regulator. Public notification included:  — advertisement in local papers (hardcopy and online);  — information on the Department of Resources website, and on Stanwell's website; and	Perceived impact to groundwater - one formal objection lodged, and three (3) concerns raised.	Objection withdrawn following development of a new Make Good Agreement.  Two (2) of three (3) new make good agreements have been finalised and one of the new agreements is in final drafting.  Amendments have been made to three (3) existing make good agreements, and are all finalised.	Public notification closed on 14 July 2021.  One formal objection, and three enquiries were made from landowners to the east of the K2E ASA. The landowners are concerned about the K2E Project impacting their groundwater bores. The landowner bores are used for stock and general supply. The impact assessment concluded that there would be no impact on these bores from existing mining operations or the mining in the K2E ASA.

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		<p>— letters to adjoining landowners and subject land organisations notifying them of the MR Act application and public notification process.</p> <p>The six (6) subject land organisations (with a direct interest in the K2E Project land) to receive a notification letter were South Burnett Regional Council, Toowoomba Regional Council, HQPlantations, Powerlink Queensland, DES (QPWS) and Department of Agriculture and Forestry.</p> <p>68 adjoining landowners (for 95 adjoining properties) received notification letters. These are landowners that own properties that adjoin Lot 289 on FTY1859, the property that the K2E Project area is part of.</p>			<p>No other issues were raised as part of this public notification.</p>