

Wandoan Coal Project Southern CSM water supply pipeline

October, 2008

Wandoan Joint Venture



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Executive summary

The Wandoan Joint Venture (the WJV) commissioned Parsons Brinckerhoff (PB) to conduct a corridor selection process for the proposed 101 km southern coal seam methane (CSM) water supply pipeline between the Wandoan Coal Project Mining Lease Area (MLA) and the Condamine Power Station.

The WJV proposes to develop thermal coal resources and establish mining operations immediately west of the Wandoan township, which is part of the Dalby Regional Council area. Coal will be mined at a rate of around 30 million tonnes per annum run mine of coal. The coal will be crushed, sized and washed before being transported by rail to ports in the Gladstone area.

The objective of this pipeline project is to transport water, a by-product of CSM extraction, to the proposed Wandoan Coal Mine. The handling and processing of coal will require a constant and reliable water supply. The southern CSM water supply pipeline is anticipated to supply a water demand of less than 8,400 ML/a, with demand peaking at 9,100 ML/a (with potential expansion to 11,400 ML/a if mine production is increased to 40 Mt/a).

Two other potential raw water supply options have been identified:

- CSM water, sourced from the Spring Gully and Fairview gas fields associated with the Spring Gully Reverse Osmosis Plant, located west of the Project MLA areas, and discussed in Volume 3 of the EIS (western water supply pipeline)
- water from the raising of Glebe Weir on the Dawson River (managed by SunWater), as discussed in Volume 4 of the EIS.

An assessment of these three options will be developed by the WJV to provide long-term raw water supply to the Wandoan Coal Project, based on social, environmental and economical factors.

The southern CSM water supply pipeline report forms part of the Wandoan Coal Project environmental impact statement (EIS). If mining leases are granted to the WJV for the Wandoan Coal Project, construction of the preferred pipeline will coincide with the proposed operation of the mine in 2012.

The corridor selection assessment is based on a 50 m wide corridor. However, within the 50 m wide corridor, there is potential for realignment of the southern CSM water supply pipeline due to constraints identified throughout the consultation process. Environmental and engineering constraints are considered as part of the assessment process.

A key aspect of the assessment process includes consultation with potentially affected property owners. PB assisted the WJV by meeting with directly affected property owners to discuss any issues and concerns relating to the proposed southern CSM water supply pipeline.

Methods of communication used during the consultation process included:

- contacting potentially affected property owners via phone calls and letters
- one-to-one meetings with directly affected property owners and interested stakeholders.

During the consultation process the most common issues and concerns raised by directly affected property owners were:

- the proposed southern CSM water supply pipeline corridor affecting activities on farming and grazing land
- southern CSM water supply pipeline leakages and potential land contamination due to the high salt content of CSM water
- use of the corridor area for co-located infrastructure, property owner road access and guarantees that the corridor will not be used for future infrastructure.

In response to the feedback received from affected property owners, stakeholders and the general public it is recommended that the WJV work with the affected property owners to mitigate any negative impacts and finalise a preferable corridor alignment that is satisfactory for both the property owners and the WJV.

The establishment of a stakeholder management group and a specific community engagement specialist will help identify and manage stakeholder and property owner issues. Regular and on-going communication between the WJV, property owners, stakeholders and the community will promote trust and confidence in the Wandoan Coal Project and preferred water supply pipeline corridor.

The communication of technical information once the preferred water supply pipeline is announced will ensure property owners remain informed.

1. Introduction

The Queensland Government promotes productive reuse of water extracted as a by-product of coal seam methane (CSM). As extracted water is unsuitable for many direct beneficial uses, the management of this water is a key component of CSM development. The Wandoan Joint Venture (the WJV) proposes to use this water to aid coal processing and mining activities such as coal washing and dust suppression.

The WJV commissioned Parsons Brinckerhoff (PB) to conduct a corridor selection process for the proposed 101 km southern CSM water supply pipeline between the Wandoan Coal Project Mining Lease Area (MLA) and the Condamine Power Station.

The corridor selection assessment is based on a 50 m wide corridor. However, within the 50 m wide corridor, there is potential for realignment of the southern CSM water supply pipeline due to constraints identified throughout the consultation process. Environmental and engineering constraints are also considered as part of the assessment process.

The proposed southern CSM water supply pipeline will be approximately 600 mm in diameter and will be buried with approximately 0.6 m to 1 m depth of cover, subject to site-specific risk assessments. Property owners will not have access to the water supply and will not be able to build directly on top of the southern CSM water supply pipeline. Grazing and ploughing operations will not be affected by the southern CSM water supply pipeline. However, driveway access and fencing may be temporarily affected during the construction period.

1.1 Project background

The success of the WJV's proposed mining operations is contingent upon the co-ordination of supporting infrastructure to ensure optimum operation of coal mining activities.

The WJV engaged PB as the lead EIS consultants in 2006 to prepare and undertake pre-feasibility investigations for the EIS, due for release in November 2008.

In December 2006, PB conducted a conceptual water supply study, investigating suitable options for water supply to the proposed mine. The study identified three water supply options:

- Glebe Weir on the Dawson River
- CSM water pipeline from Spring Gully and Fairview gas fields to the west of the MLA areas
- CSM water pipeline from Berwyndale and Talinga gas fields to the south of the MLA areas.

Following corridor selection studies, the community consultation process for the southern CSM water supply pipeline began in July 2008. A broader community engagement and consultation program is also being undertaken as part of the Project. Consultation for the southern CSM water supply pipeline is expected to continue until the announcement of a preferred CSM water supply pipeline by the WJV in early 2009.

Ongoing consultation activities include:

- letters to directly affected property owners
- phone calls to directly affected property owners
- one-to-one meetings with directly affected property owners and stakeholders
- phone calls to directly affected property owners confirming property access for study surveys.

2. Community consultation scope

The consultation process commenced in June 2008 with the aim of informing and obtaining input from potentially affected property owners and stakeholders about the proposed southern CSM water supply pipeline.

This section outlines key activities conducted during the consultation process.

The findings from these activities are discussed in Section 4.

2.1 Consultation key messages

The following key messages were used when conducting consultation activities in relation to the proposed southern CSM water supply pipeline.

- as part of its prefeasibility studies for the Project, the WJV has identified and is investigating a southern CSM water supply pipeline corridor to supply water to the proposed coal mine
- the proposed southern CSM water supply pipeline will transport CSM water from the Condamine Power Station and associated infrastructure to the Wandoan Coal Project MLA areas for use in coal washing and dust suppression
- the proposed southern CSM water supply pipeline is one of three options being investigated to provide raw water for the mine. The other two options are the western CSM water supply pipeline from the Spring Gully Reverse Osmosis Plant (owned by Origin) and associated infrastructure to the west of the Project MLA areas and water from the raising of Glebe Weir, on the Dawson River (managed by SunWater)
- technical studies including flora and fauna, and cultural heritage will be conducted along the proposed southern CSM water supply pipeline corridor
- the Project team will contact property owners before any technical studies are conducted on the potentially affected property to discuss the planned activities and any issues or concerns property owners may have
- PB understands that there are many projects under development in the region, so will continue to work closely with other project teams to ensure two-way communication between all parties.

3. Consultation approach

A consultation process was designed and implemented to obtain feedback and record any issues or concerns raised by potentially affected property owners affected by the proposed southern CSM water supply pipeline.

A Project team was formed to meet with property owners and stakeholders to inform them of the Project and collect key information and feedback. A Civil Engineer and two Community Engagement Consultants from PB formed the Project team.

The Project team identified six directly affected property owners and 56 indirectly affected property owners. Directly affected property owners are defined as property owners whose properties the proposed southern CSM water supply pipeline or corridor will cross. All directly affected property owners reside on and operate businesses from the identified properties.

Indirectly affected property owners are defined as property owners whose property access may be affected during construction of the proposed southern CSM water supply pipeline or with properties adjoining an existing corridor. Two meetings were held with four property owners with two meetings held with individual stakeholders.

The outcomes of the consultation approach are discussed in Section 4, Consultation findings.

3.1 Consultation objectives

The broad objectives of the consultation process for the southern CSM water supply pipeline were to:

- ensure the early identification of all potentially affected property owners and stakeholder issues, assess the potential impacts and implement appropriate strategies to mitigate these
- facilitate an open and transparent public consultation and community involvement process
- encourage and obtain comment from potentially affected property owners to help inform the WJV's decision making process regarding the proposed southern CSM water supply pipeline
- provide potentially affected property owners and stakeholders with information on the current proposed consultation phase and future pipeline development
- design and implement communication activities to support the consultation process, with key messages consistent across all Project stages
- ensure the outcomes of the planning and preliminary design process reflected community values and respond to consultation process feedback
- ensure all consultation activities were aligned with the WJV's community engagement policies, principles, standards and guidelines
- improve community confidence in the WJV and the proposed southern CSM water supply pipeline.

3.2 Community consultation process

The following consultation activities were used throughout the community consultation process to inform and gather information regarding the proposed southern CSM water supply pipeline from affected property owners and stakeholders:

Table 3-1: Community consultation process

Date	Activity	Rationale
June/August 2008	Meetings with key individual stakeholders.	Provided an opportunity to discuss the southern CSM water supply pipeline.
August 2008	Letters sent to potentially affected property owners (including directly and indirectly impacted).	Letters were sent to affected property owners introducing the study and Project team.
August 2008	Telephone contact was made with directly affected property owners.	Provided an opportunity to discuss the southern CSM water supply pipeline.
August 2008	One-to-one meetings with directly affected property owners.	Provided an opportunity to discuss the southern CSM water supply pipeline.
Ongoing	Continuation of study contact points.	Project contact points provide opportunities for questions and concerns to be discussed with the Project team.

3.3 Stakeholders meetings

Two meetings were held between the WJV and key stakeholders in June and August 2008.

Representatives from the WJV met with a Dalby Regional Council (DRC) representative in June 2008 at the Council's Chambers in Dalby. The second stakeholder meeting was held in August 2008 with the WJV's Community Relations Manager and QGC's Commercial Development Manager and Land Access Manager, in Brisbane.

The purpose of the stakeholder meetings was to provide these stakeholders with a Project overview, including information about the proposed pipeline design, project timing, staging and construction. The proposed consultation process was also discussed during the stakeholder meetings. The meetings provided the WJV with the opportunity to record and collate stakeholder feedback for inclusion in technical studies.

Outcomes of the stakeholder meetings are listed in Section 4.1.

3.4 Contact with property owners

During the consultation process, the Project team distributed letters to six directly affected property owners and 56 indirectly affected property owners. The Project team made follow up phone calls to directly affected property owners to arrange one-to-one meetings.

3.4.1 Letters to property owners

Six letters were mailed to directly affected property owners on Thursday 14 August 2008. These letters included the following information:

- a Project overview
- potential southern CSM water supply pipeline corridor which may directly impact farming and residential properties
- projected water usage and water quality
- opportunities to arrange one-to-one meetings
- freecall project information number
- plans showing the potential impact to each property.

Fifty-six indirectly affected property owners received a letter in late August 2008. These letters provided indirectly affected property owners with the same information included in the letter mailed to directly affected property owners. The indirectly affected property owners were invited to contact the Project team to discuss the proposed southern CSM water supply pipeline or arrange a one-to-one meeting.

Letters mailed to directly and indirectly affected property owners are included in Attachment A.

3.4.2 Calls to property owners

Six directly affected property owners were contacted by telephone from 21 August 2008 to 22 August 2008 to arrange one-to-one meetings. The objective of these phone calls was to provide the property owners with a brief overview of the proposed southern CSM water supply pipeline and answer any immediate questions. Meeting times and dates were scheduled for the most convenient time for the property owners.

3.5 Property owner meetings

One-to-one meetings were arranged to provide each directly affected property owner with the opportunity to discuss the pipeline with representatives from the Project team. The property owner meetings were informal and the main objectives of the meetings were to:

- provide property owners with the opportunity to raise any issues or concerns with the proposed southern CSM water supply pipeline
- provide further detailed information regarding the proposed design, corridor alignment and construction phase of the proposed southern CSM water supply pipeline
- collate and record property owner feedback for referral to the WJV and integration into technical studies.

The Project team conducted two meetings with four directly affected property owners at the property owner's residences. The first meeting was attended by three directly affected property owners, with representatives present for another two property owners. Both representatives were relatives of the property owners who could not attend the meeting, one of which was also an affected property owner. The second meeting was attended by one directly affected property owner. No one-to-one meetings were requested by indirectly

affected property owners. The main issues communicated during the one-to-one meetings are detailed in Section 4.2.

3.6 Communication tools

Existing Project contact points were used to provide potentially affected property owners and stakeholders with the opportunity to request further information about the proposed southern CSM water supply pipeline.

The Project contact points comprised a freecall information number, a project email address and a postal address for submission of correspondence to the Project team. The contact points also provided the Project team with the opportunity to record any issues and concerns the property owners and stakeholders had prior to the meetings. Any issues and concerns were monitored and included in a specific database and are detailed in Section 4.3.

4. Community consultation findings

This section outlines the findings from the consultation process. These findings were collated from the meetings conducted between the Project team, directly affected property owners and stakeholders. Indirectly affected property owners and members of the community contacted the Project freecall information number to discuss any concerns or issues and ask the Project team questions relating to the southern CSM water supply pipeline. One email was submitted to the Project team by a representative of the first property owner meeting on 28 August 2008.

Ongoing community consultation will include discussions between WJV and the Department of Main Roads regarding the construction of the proposed southern CSM water supply pipeline along all potentially affected road reserves.

4.1 Stakeholder contact

A stakeholder meeting was held in June 2008 between a representative from the WJV and a Dalby Regional Council representative. A second stakeholder meeting was held in August 2008 with the WJV's Community Relations Manager, the WJV's Land Access Manager and Queensland Gas Company (QGC), in Brisbane.

Feedback received from both stakeholder meetings included the following issues and concerns:

- the proposed southern CSM water supply pipeline corridor
- potential impacts on property owners
- the proposed consultation process
- approval, construction and operation times.

Stakeholders were also provided with contact details for the Project team.

4.2 Property owner contact

Following telephone contact with the six identified property owners, four communicated that they would like to meet with the Project team to discuss the potential impacts of the proposed southern CSM water supply pipeline.

Three property owners attended the first meeting as they requested to be represented as a group rather than attend one-to-one meetings with the Project team. Representatives were present for the two absent property owners. Both representatives were relatives of the property owners who could not attend the meeting, one of which was also an affected property owner. The Project team also met with one property owner separately.

All potentially affected property owners were advised that planning for the proposed southern CSM water supply pipeline was at a preliminary stage and that two options for CSM water supply to the Wandoan Coal Project were being investigated. However, indicative pipeline dimensions, depth and the proposed corridor alignment and corridor area were provided by the Project team.

The general feedback received from directly affected property owner meetings was negative as many of the property owners indicated they would prefer the southern CSM water supply pipeline to not be located on their properties. The property owners also indicated they did not have sufficient information to understand and comment on all the potential impacts of the proposed pipeline on their properties and businesses. However, detailed information on the proposed pipeline was limited due to the preliminary stage of the assessment.

The property owner present at the second meeting was more receptive to the proposed southern CSM water supply pipeline. However, the property owner also communicated similar concerns to those raised by property owners present at the first meeting.

Key issues discussed in order of importance during the property owner meetings included:

- potential impacts of the proposed southern CSM water supply pipeline on directly affected properties and businesses
- the location of the proposed pipeline corridor
- potential land contamination
- the compensation and valuation process
- use of corridor for co-location of infrastructure, road access and future uses of corridor
- potential construction issues regarding fencing of breathing holes
- land rehabilitation
- the need for fair representation
- potential environmental impacts
- health and safety issues
- the proposed pipeline depth.

All property owners present at the first meeting identified potential impacts of the proposed southern CSM water supply pipeline on their properties and businesses. These impacts included the potential loss of grazing land and in turn business profits. A concern was also raised regarding the potential for future generations to run businesses on the properties, particularly if impacted by future infrastructure projects.

One property owner present at the first meeting expressed an expectation for WJV to pay property owners for further consultation meetings due to hours lost from their working day.

All property owners present at the first meeting indicated their opposition to the location of the southern CSM water supply pipeline corridor and outlined that the location had not been fully considered. One property owner expressed concerns regarding the potential fragmentation and alienation of agricultural land and the potential impact on property infrastructure. The property owner advised that the proposed southern CSM water supply pipeline corridor, if approved, would cut through two dams located on his property.

The property owners also indicated confusion over the WJV's apparent decision to use the Peakes Road reserve which they deem as quite narrow, yet required a larger corridor width through their properties.

The general consensus amongst all property owners was that further information was required on the decision-making process for the location of the proposed southern CSM water supply pipeline corridor. The property owners at the first meeting also suggested the need for a member of the PB Environmental Impact Assessment team to be present at future consultation meetings to discuss the reasoning behind the selection process for the pipeline corridor.

Another major concern raised during both property owner meetings was the possibility of land and creek contamination due to leakages from the southern CSM water supply pipeline. Questions were asked regarding the salt content of the CSM water and the potential impact regarding the growth of pasture on contaminated soil. One property owner present at the first meeting enquired about possible compensation packages for land contamination and asked who would facilitate the process. Questions were raised at the second meeting regarding the detection process for pipeline leakages and what steps would be taken to repair leakages. The property owner present at the second meeting relied on the creek water for irrigation and drinking supplies.

All property owners expressed concerns regarding the spread of weeds during the construction process, in particular parthenium weed. Questions were asked regarding weed management during construction and maintenance of the southern CSM water supply pipeline. The property owner present at the second meeting suggested that washdown facilities should be implemented and used during the construction and maintenance phases. The property owner also advised that washdown points should be located along the highway to mitigate the spread of weed.

Issues regarding the corridor and affected road access were raised by property owners present at the first meeting. The main concerns expressed by property owners in relation to these issues was the amount of land to be taken from their parcel and whether the property owners would receive sufficient valuations and compensation for the land required for the proposed pipeline corridor.

These property owners requested a signed guarantee that the proposed corridor would not be used in future for further infrastructure projects such as railways and powerlines. These concerns were compounded by the cumulative impacts of other infrastructure projects proposed for the area. The proposed Surat Basin Rail Project was of key concern to all property owners present at the first meeting. The Project team advised the property owners that these concerns would be discussed with WJV management.

In addition, questions regarding corridor ownership, use for co-location of infrastructure agreements and payment of rates for the land were raised during the second property owner meeting.

The property owners present at the first property owner meeting also questioned why the WJV did not plan to use the road reserve located near their properties and asked about the co location usage aspect of the corridor.

Property owners at both meetings raised construction issues as a concern and asked the Project team whether the final corridor will be fenced off at the breathing hole locations during the construction and maintenance phases. The property owners indicated a preference for the area to be fenced off during construction and maintenance to protect stock and prevent stock from damaging the breathing holes located along the pipeline. All property owners said they expected fences and contour banks to be replaced once

construction was complete. The property owners also asked where the breathing holes would be located along the pipeline corridor.

The lack of representation by an impartial independent body was a significant concern for property owners present at the meeting. The property owners indicated the need for an impartial independent body to represent them throughout the construction and operational phase of the southern CSM water supply pipeline, in particular during the negotiation and compensation phase.

The property owners present at the first meeting indicated they would like to be represented by local government. In addition, they advised the Project team that they had been in discussions with the Mayor of Dalby Regional Council. The property owners advised the Mayor had concerns regarding the proposed southern CSM water supply pipeline and proposed Surat Basin Rail Project and had scheduled a meeting with the property owners for the following day.

The property owners present at the first meeting were concerned that government restrictions associated with remnant vegetation on their land could be ignored by the WJV yet these restrictions had to be followed by all property owners. This was considered as an inequitable practice by the property owners. Project team members acknowledged this concern.

Permission was not granted by property owners at the first meeting for the WJV and field staff to enter their properties to conduct further field investigative studies for the EIS. However, land access to undertake ecological studies was provided by the property owner present at the second meeting.

Health and safety issues were discussed in relation to fencing off the corridor area to safeguard cattle from injury during the construction and maintenance. Concerns were also raised regarding potential fire risks from workers smoking or machinery catching fire.

All property owners raised questions regarding the depth of the pipeline. In particular the property owner present at the second meeting questioned the proposed pipeline running under a creek located on her property. The property owner had great concerns regarding the potential disruptive impact of the pipeline and construction operations on the underground water flow of the creek. Questions were asked whether the creek bed and general farming land would be rehabilitated and maintained after construction was complete.

A representative of the first property owner meeting emailed a follow up letter to the Project team on Thursday 28 August 2008 regarding the issues, concerns and questions raised during the meeting. The letter included information confirmed and outstanding information yet to be confirmed by the Project team.

The property owners' follow up letter is attached in Attachment B.

4.3 Summary of feedback via contact method

Of the ten contacts made to the Project's freecall information number, six calls were made by indirectly affected property owners and four calls were made by members of the broader community.

Concerns and questions raised in these phone calls are listed below in order of frequency raised:

- requests for further pipeline information (6)
- project timing (1)
- the proposed corridor location (2)
- the proposed use of the Peakes Road reserve (1).

One letter was submitted to the Project team via email correspondence.

5. Conclusion

The community consultation process for the proposed southern CSM water supply pipeline was planned and implemented with the objective of facilitating an open, transparent communication process between the Project team, affected property owners and stakeholders.

The community consultation process provided the WJV with an understanding of the key issues and concerns of affected property owners and stakeholders in relation to the proposed southern CSM water supply pipeline. Subsequently, the identification of key issues and concerns has assisted the WJV in developing mitigation methods to identify and address any potential negative impacts associated with the proposed southern CSM water supply pipeline. This consultation process gave potentially affected property owners and stakeholders the opportunity to provide input to the EIS of the proposed overarching Project.

Key consultation activities undertaken as part of the consultation process included:

- letters to indirectly and directly affected property owners
- phone calls to directly affected property owners to arrange meetings
- one-to-one meetings with directly affected property owners.

As of 9 September 2008 the Project team received a total of 14 community contacts in relation to the pipeline, including:

- two meetings with a total of four property owners — the first meeting attended by three property owners (two absent property owners were represented by relatives, one of which was an affected property owner). The second meeting was attended by one property owner
- two individual stakeholder meetings — the first meeting between the WJV and QGC and the second meeting between the WJV and Dalby Regional Council
- ten Project information calls.

During the consultation meetings, the majority of directly affected property owners commented on the impact of the proposed pipeline corridor on their land and farming activities. Another main area of concern was potential land contamination by leakages from the proposed southern CSM water supply pipeline. All property owners sought further information from the Project team about contamination levels of CSM water and the potential impact on land and creeks. Questions were asked regarding the corridor width and ownership as well as availability of road access to the properties. The availability of road access to all properties throughout the construction and operation phases was highlighted as essential by the property owners. The importance of land rehabilitation was also emphasised in both property owner meetings.

The general feedback received from the first property owner meeting was negative towards the pipeline. The property owners requested that the pipeline corridor not cross their land as they were concerned this may lead to further construction of infrastructure on their properties in the future.

The property owners who attended the first meeting were dissatisfied with the lack of detailed information provided.

The property owner present at the second meeting was receptive to the proposed southern CSM water supply pipeline but expressed strong concerns regarding negative impacts on the land such as potential contamination from CSM water and the spread of weeds. The property owner had considerable concerns regarding contamination of creek water as the creek on their property was used as a drinking supply.

Once the preferred water supply corridor has been selected and detailed design commences, the Project team will confirm and discuss technical aspects of the pipeline design and construction with directly affected property owners. This will include the type of pipe materials, expected maintenance required on the pipes, breathing hole design, frequency of maintenance and expected pipeline lifetime with indirectly and directly affected property owners.

The community consultation process is currently at the preliminary stage and needs to continue to provide additional information to directly affected property owners and to allay their fears about other infrastructure, particularly rail, being built on a pipeline corridor in the future without their consent. This is an important objective of the community consultation process both for the short- and long-term so as to discourage false information regarding the pipeline from circulating in the broader community.

6. Recommendations

During the consultation process the directly affected property owners frequently expressed a lack of certainty and trust in the process involved in seeking and granting approval for the proposed pipeline. It is recommended that the WJV and Project team work closely with the affected property owners and provide clear, full and consistent information at each stage of the pipeline development. Any uncertainties expressed by affected property owners and key stakeholders must be addressed and communicated to the participants in a timely manner while providing the opportunity for further feedback.

PB recommends that the WJV continues open communication with indirectly and directly affected property owners, stakeholders and the broader community. Future community consultation activities suggested are:

- additional one-to-one meetings with affected property owners
- continuation of freecall Project information hotline
- Project newsletter mail outs (including details on the water supply options under investigation)
- distribution of information regarding property compensation and the valuation process
- inclusion of pipeline information in general project communication materials.

Consultation should focus on the potential impact on agricultural land and businesses, the potential for land contamination from leakages in the pipeline, corridor related issues and the successful rehabilitation of land.

Parthenium weed control and management practices should be reviewed and communicated to all affected property owners, stakeholders and the community. A long-term commitment to managing and reducing parthenium weed will promote trust and respect in the community.

Breathing holes constructed along the pipeline will need to withstand cattle movement and should be visible and designed to minimise cattle damage.

Further investigations will need to consider the impact stock may have on the pipeline in areas where stock routes run adjacent to the proposed southern CSM water supply pipeline.

Ongoing and regular communication between the WJV, affected property owners, stakeholders and the community will promote trust and confidence in the Project and the process involved in seeking and granting approval for the southern CSM water supply pipeline.

Attachment A

Letters to directly and indirectly
affected property owners

XCQ letter head

Our reference: CSM water property owners
Your reference:

2 October 2008

«Name»
«Address_1»
«Address_2»
«CITY_STATE_POSTCODE»

Property reference: «RP_Data»

Dear «Enter_name»

WANDOAN COAL PROJECT – COAL SEAM METHANE WATER PIPELINE CORRIDOR SELECTION

As part of its prefeasibility studies for the Wandoan Coal Project, a proposed open-cut coal mine near the town of Wandoan, Xstrata Coal Queensland (XCQ) is investigating and identifying a corridor for a possible new underground water pipeline.

The pipeline would carry water from the proposed Queensland Gas Company (QGC) Bellevue holding pond on PLA 247 near QGC's Condamine Power Station, which is approximately 8km east of the town of Miles.

The raw water, which may be delivered to the proposed Wandoan Coal Project, is a by-product of QGC's and Origin Energy's coal seam methane gas exploration and production activities.

This raw water is generally unsuitable for most agricultural and commercial uses without further processing. It is, however, suitable for use in coal mines.

The proposed corridor is within the road reserve for Peakes Road, which adjoins your property. As the pipeline route being considered may impact your access and property management, we would like to discuss this matter with you. This will help us to ensure the final alignment minimises any impact the pipeline may have on you and your property.

If you have any questions, require further details or would like to meet with the Project team to discuss potential issues or concerns please contact the freecall number, 1800 052 797, during business hours.

Yours sincerely

Bill McKinstrey
Wandoan Coal Project Director

XCQ letter head

Our reference: CSM water property owners
Your reference:

2 October 2008

«Name»
«Address_1»
«Address_2»
«CITY_STATE_POSTCODE»

Property reference: «RP_Data»

Dear «Enter_name»

WANDOAN COAL PROJECT – COAL SEAM METHANE WATER PIPELINE CORRIDOR SELECTION

As part of its prefeasibility studies for the Wandoan Coal Project, a proposed open-cut coal mine near the town of Wandoan, Xstrata Coal Queensland (XCQ) is investigating and identifying a corridor for a possible new underground water pipeline.

The pipeline would carry water from the proposed Queensland Gas Company (QGC) Bellevue holding pond on PLA 247 near QGC's Condamine Power Station, which is approximately 8km east of the town of Miles.

The raw water, which may be delivered to the proposed Wandoan Coal Project, is a by-product of QGC's and Origin Energy's coal seam methane gas exploration and production activities.

This raw water is generally unsuitable for most agricultural and commercial uses without further processing. It is, however, suitable for use in coal mines.

The proposed corridor is within the Leichhardt Highway road reserve, which adjoins your property. As the pipeline route being considered may impact your access and property management, we would like to discuss this matter with you. This will help us to ensure the final alignment minimises any impact the pipeline may have on you and your property.

If you have any questions, require further details or would like to meet with the Project team to discuss potential issues or concerns please contact the freecall number, 1800 052 797, during business hours.

Yours sincerely

Bill McKinstrey
Wandoan Coal Project Director

XCQ letter head

Our reference: CSM water property owners
Your reference:

[insert date]

[Name]

[Title]

[Company]

[Address]

[CITY STATE POSTCODE]

Dear [Enter Name]

WANDOAN COAL PROJECT – COAL SEAM METHANE WATER PIPELINE CORRIDOR SELECTION

As part of its prefeasibility studies for the Wandoan Coal Project, a proposed open-cut coal mine near the town of Wandoan, Xstrata Coal Queensland (XCQ) is investigating and identifying a corridor for a possible new underground water pipeline.

The pipeline would carry water from the proposed Queensland Gas Company (QGC) Bellevue holding pond on PLA 247 near QGC's Condamine Power Station, which is approximately 8km east of the town of Miles.

The raw water, which may be delivered to the proposed Wandoan Coal Project, is a by-product of QGC's and Origin Energy's coal seam methane gas exploration and production activities.

This raw water is generally unsuitable for most agricultural and commercial uses without further processing. It is, however, suitable for use in coal mines.

The proposed corridor may cross your property as shown on the attached plan. As the pipeline route being considered may impact your property, we would like to discuss this matter with you. This will help us to ensure that the final alignment minimises any impact the pipeline may have on your property.

The Project team will contact you by telephone in the next few days to answer any immediate questions you may have about the proposed corridor and to organise a one-to-one meeting.

If you have any queries regarding this information or wish to arrange a meeting to immediately discuss any issues, please telephone 1800 052 797 to arrange a time.

Yours sincerely

Bill McKinstrey

Wandoan Coal Project Director

XCQ letter head

Our reference: CSM water property owners
Your reference:

2 October 2008

«Name»
«Address_1»
«Address_2»
«CITY_STATE_POSTCODE»

Property reference: «RP_Data»

Dear «Enter_name»

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The proposed corridor is within the gazetted easement, which adjoins your property. As the pipeline route being considered may impact your access and property management, we would like to discuss this matter with you. This will help us to ensure the final alignment minimises any impact the pipeline may have on you and your property.

If you have any questions, require further details or would like to meet with the Project team to discuss potential issues or concerns please contact the freecall number, 1800 052 797, during business hours.

Yours sincerely

Bill McKinstrey
Wandoan Coal Project Director