



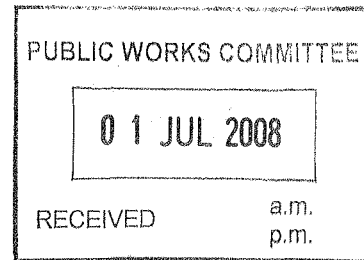
Australian Government
National Capital Authority

Submission No. 1.2
(Bridging of Kings Avenue)

M.R. 21/07/08

File No: 08/312 & RefNo: 37683

Mr James Catchpole - Committee Secretary
Joint Standing Committee on Public Works
Department of the House of Representatives
PO Box 6021
CANBERRA ACT 2600



Dear Mr Catchpole,

**Bridging of Kings Avenue Over Parkes Way, Russell, ACT -
Gas Mains Relocation**

I request that the Committee will accept this advice regarding the programme implications of gas main relocation, as supplementary to the National Capital Authority's (NCA) submission on the Kings Avenue – Parkes Way intersection. I trust that this advice will assist the Committee's consideration of the project.

The construction of the improved intersection design will require relocation of around 300 linear metres of an existing 350mm diameter high pressure gas main (*refer attached drawing*). This main provides gas to all of Canberra south of Lake Burley Griffin.

Alinta Asset Management is contracted by ActewAGL to operate the ACT gas network. On 19 June 2008 Alinta advised that the period to undertake work on this primary Canberra gas main is during the summer months of December to March when gas usage and supply risks to the network are at their lowest. Alinta has also informed NCA that to undertake this work between December 2008 to March 2009 will require the placing of a works order not later than 15 September 2008 (*refer attached Alinta letter*). The reason for this works order date relates to the lead time required for the manufacture of the 350mm diameter coated steel pipework used for high pressure gas lines. This specialised pipework is not carried as a stock item.

Alinta has indicated that where an order for pipework is not placed by 15 September 2008, it would be necessary to re-schedule this work by 12 months to December 2009 to March 2010. This later timeframe would involve re-programming the project and substantial prolongation to completion date and have associated cost implications.

Subsequent discussions between NCA and your office indicates that the potential Public Works Committee timeframes closely match the gas pipework ordering date for this coming summer (*refer attached NCA indicative program*). In the event that the Committee supports the project the NCA would appreciate the Committee considering this programming issue as part of its deliberations.

Should you require further information please contact Phil Waite – Director, Construction & Procurement (ph. 6271 2809, mb. 0419 699 419, email phil.waite@natcap.gov.au)

Yours sincerely,

Annabelle Pegrum AM
Chief Executive

30 June 2008

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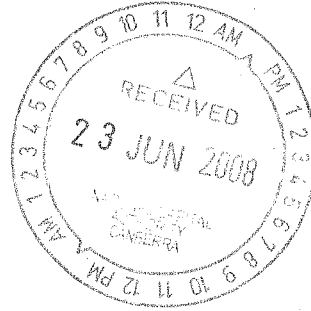
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19 June 2008

Mr Andrew Smith
National Capital Authority
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Dear Mr Smith

Re: Timing of gas pipeline relocation works: Kings Avenue/Parkes Way intersection re-alignment

Alinta Asset Management is contracted by ActewAGL Distribution to construct, maintain, operate and manage the gas distribution network in the ACT. The realignment of the Kings Avenue/Parkes Way intersection will necessitate the relocation of a substantial length of the 350mm diameter high-pressure gas main that is laid in the verge of Parkes Way and Kings Avenue. As Alinta will be carrying out the relocation of this asset, I am writing to you to outline the time constraints we face in conducting this work, so that these constraints can be factored into the NCA's planning.

The pipeline in question is the main gas supply for all of Canberra south of Lake Burley Griffin and all of Queanbeyan City Council's area. Relocating this pipeline involves the following:

- Lay new pipeline on the new alignment.
- Tying-in the new pipeline to the old pipeline.
- Disconnecting the old pipeline from the new pipeline.

While this process is designed to avoid interruption to the flow of gas (all work is done "live"), carrying out this process in periods of high gas demand adds an additional risk to reliable gas supply that is imprudent. Therefore, the window of opportunity for this work is November to March inclusive. In order to guarantee that the relocation work is complete by the end of March 2009, construction needs to commence no later than the beginning of February 2009.

However, the supply of steel pipe is another factor to consider. Pipe is manufactured, on an "as ordered" basis, by Australian suppliers or imported from Korea or Japan, depending on how busy Australian pipe rolling and coating mills are. Pipe of this size is not an off-the-shelf item and manufacturing lead-times are very long (in the order of 3 months). Alinta has been advised that to meet a February 2009 delivery date and allowing for the factory shut-down period over Christmas and New Year, a pipe order would have to be placed in late-September 2008.

Once final design of the pipeline alignment is known, Alinta will prepare an offer for the NCA to consider, which will provide a fixed-price to complete the works. In order to satisfy the time constraints described above, NCA will have to provide acceptance of Alinta's offer by **no later than 15 September 2008**.

I hope this assists the NCA to plan the overall project.

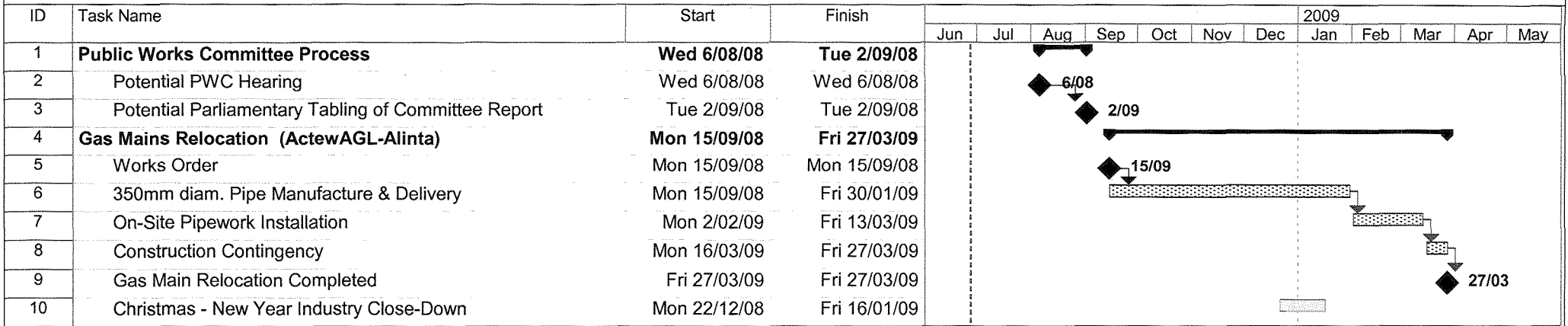
Yours Sincerely

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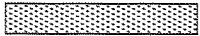





Bruce Hansen
ACT Construction Services Manager

Bridging of Kings Avenue Over Parkes Way, ACT Gas Main Relocation Timing - Potential Program

NCA Version 1 - 27.6..08



Project: K-P Indic Gas Prog. - V1, 26.1
Date: Fri 27/06/08

Task		Milestone	◆	External Tasks	
Split		Summary		External Milestone	◆
Progress		Project Summary		Deadline	↓