

Can you let me know that you've received this email and a rough idea of when I should expect to hear back from you it would be very much appreciated.

If you need any further information please don't hesitate in contacting me.

Thanks

Paul Angus

Senior Hydraulic Engineer

T. +61 2 8907 0900

D. +61 2 8907 0940

M. +61 4 0864 7414

Paul.Angus@wspgroup.com.au

www.wspgroup.com.au



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Patricia Docherty

From: Elle Peters <Elle.Peters@jemena.com.au>
Sent: Wednesday, 9 October 2013 11:00 AM
To: Angus, Paul; Steve Donnelly
Cc: Brad Gee; Raechel Sinclair
Subject: RE: Jemena Letter of Intent - Norwest Private hospital, 11 Norbrik Drive, Bella Vista, NSW, 2153

Paul,

I've forwarded your email to our Network Development Manager for Commercial, Brad Gee; Brad will be in touch shortly.

Elle Peters
Network Development Manager
Sydney South and Illawarra

Jemena Gas Networks (NSW) Limited
Postal Address PO Box 287 Unanderra NSW 2526
Mobile 0402 060 559 Fax (02) 4261 2916 Email epeters@jemena.com.au

thenaturalchoice.com.au

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From: Angus, Paul [<mailto:Paul.Angus@wspgroup.com.au>]
Sent: Wednesday, 9 October 2013 10:25 AM
To: Steve Donnelly; Elle Peters
Subject: Jemena Letter of Intent - Norwest Private hospital, 11 Norbrik Drive, Bella Vista, NSW, 2153

Hi Steve / Elle,

Hope all is well with you both.

We are assisting with a new hospital extension, which we have just been appointed to assist with and at early concept stage. We've been onsite to investigate and also attached the DBYD info.

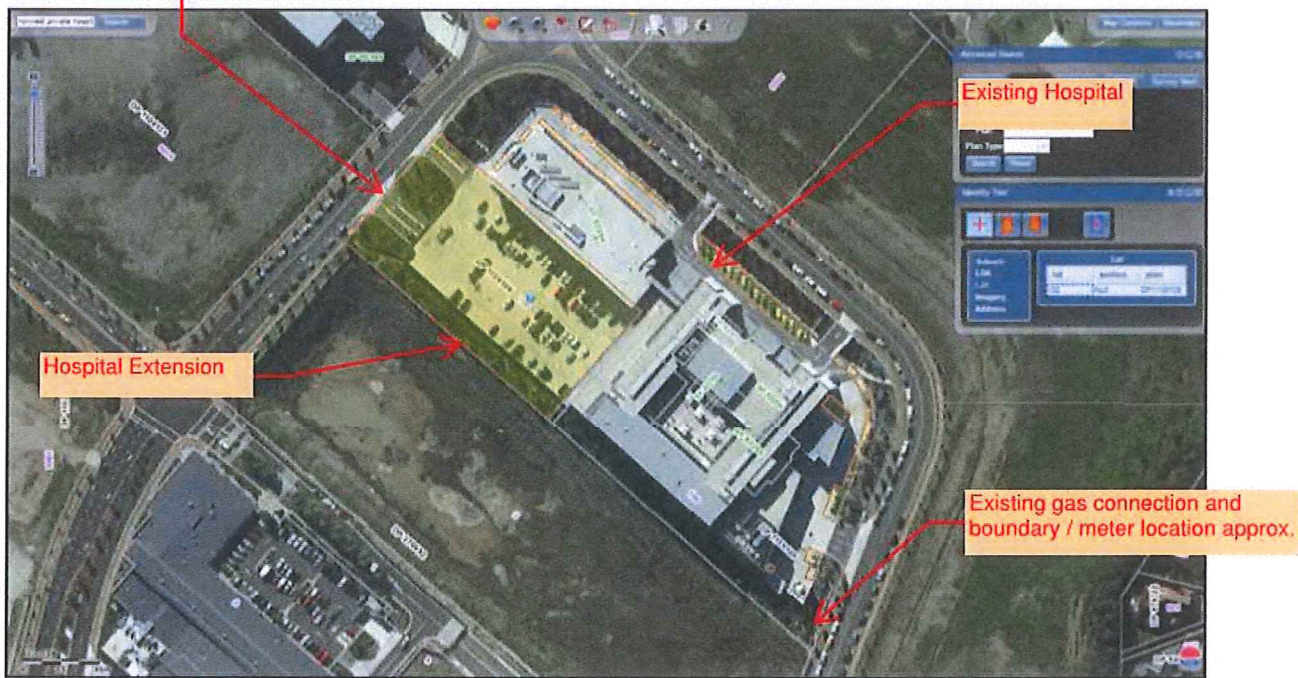
I was hoping you might be able to assist me with a couple of queries:

- As the existing hospital is 'live' we are looking at the possibility of having two gas connections to minimise disruption for the existing hospital and the new extension. Can you advise on the implications or constraints involved with this, i.e. two meters, two standard charges, billing arrangement, etc.
- If we seek to upgrade the existing supply, is this a simple exercise and how long should we factor in for a risk scenario should the gas be switched off?
- Also, can we obtain a Jemena gas letter of intent?

Site address:

11 Norbrik Drive, Bella Vista, NSW, 2153. The existing hospital & gas connection, new hospital extension and gas connection location is annotated on the sketch below.

Proposed new gas connection and boundary / meter location approx.



Norwest Private Hospital New Wing - Lot Plan. (Source: NSW SIX Maps)

Description:

The new Hospital extension caters for 50 inpatients and 100 staff. A breakdown floor by floor is detailed below:

Basement: - Addition of nineteen (19) car spaces.

Ground: - Expansion of Waste, Line & Kitchen to accommodate additional Inpatient Beds.

Level 1

- New Day Surgery Pre-Admission/Surgical Admission.
- Refurbishment of existing Cath Lab (relocated to new 'wing') to provide new Inpatient Admission , ICU Visitors Lounge, CSSD Store & Support.
- Expansion of Washing/Decontamination, Packaging, Cooling Store & Sterilising to accommodate new OT's.
- New OT's, including:
 - Three (3) additional Operating Theatres.
 - One (1) additional Hybrid Operating Theatre.
 - Relocation of Cath Lab.
 - Additional Support & Staff Amenities
- New Perioperative Bays to accommodate OT Expansion.
- Stage 1 Recovery Lounge Extension to accommodate OT Expansion.
- Stage 2 Recovery Lounge Extension to accommodate OT Expansion.

Level 2

- New Plantroom to accommodate new OT's.
- New Executive Suite (155m²) & new medical suite space (654m²).
- New Training/Education/Conference Centre (262m²).
- New Administration Area (175m²)
- New Medical Records Area (90m²)

Level 3 - Fifty (50) new Inpatient Beds w/bridge link to existing Ward. It is noted that a further option may be pursued to include an additional two (2) Operating Theatres, thirty (30) beds & resultant deletion of consultancy space.

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Patricia Docherty

From: Angus, Paul <Paul.Angus@wspgroup.com.au>
Sent: Wednesday, 9 October 2013 12:23 PM
To: Jess@greghoustonplumbing.com.au
Subject: Norwest Private Hospital Extension - Pressure and Flow application
Attachments: SYD1324200 - Statement of Available Pressure and Flow - Completed Application.pdf; SYD1324200 - Sydney Water Diagram.pdf

Hi Jessica,

Please find attached a water and pressure enquiry, c/w completed pressure and flow application and plan for the following:

- Our Ref: SYD1324200
- Site Address: Norwest Private Hospital Extension, 11 Norbrik Drive, Bella Vista, NSW, 2153

The existing hospital already has a water connection. It is proposed the Hospital extension has its own separate water main, subject to the existing incoming water main pressure and flow to the existing hospital.

Can you also advise / request if there are any implications with this approach in terms of water billing / standard charges, etc. associated with two water meters/connections?

When invoicing, if you could please include our reference / site listed above and address it for the attention of myself it would be much appreciated.

Kind Regards

Paul Angus

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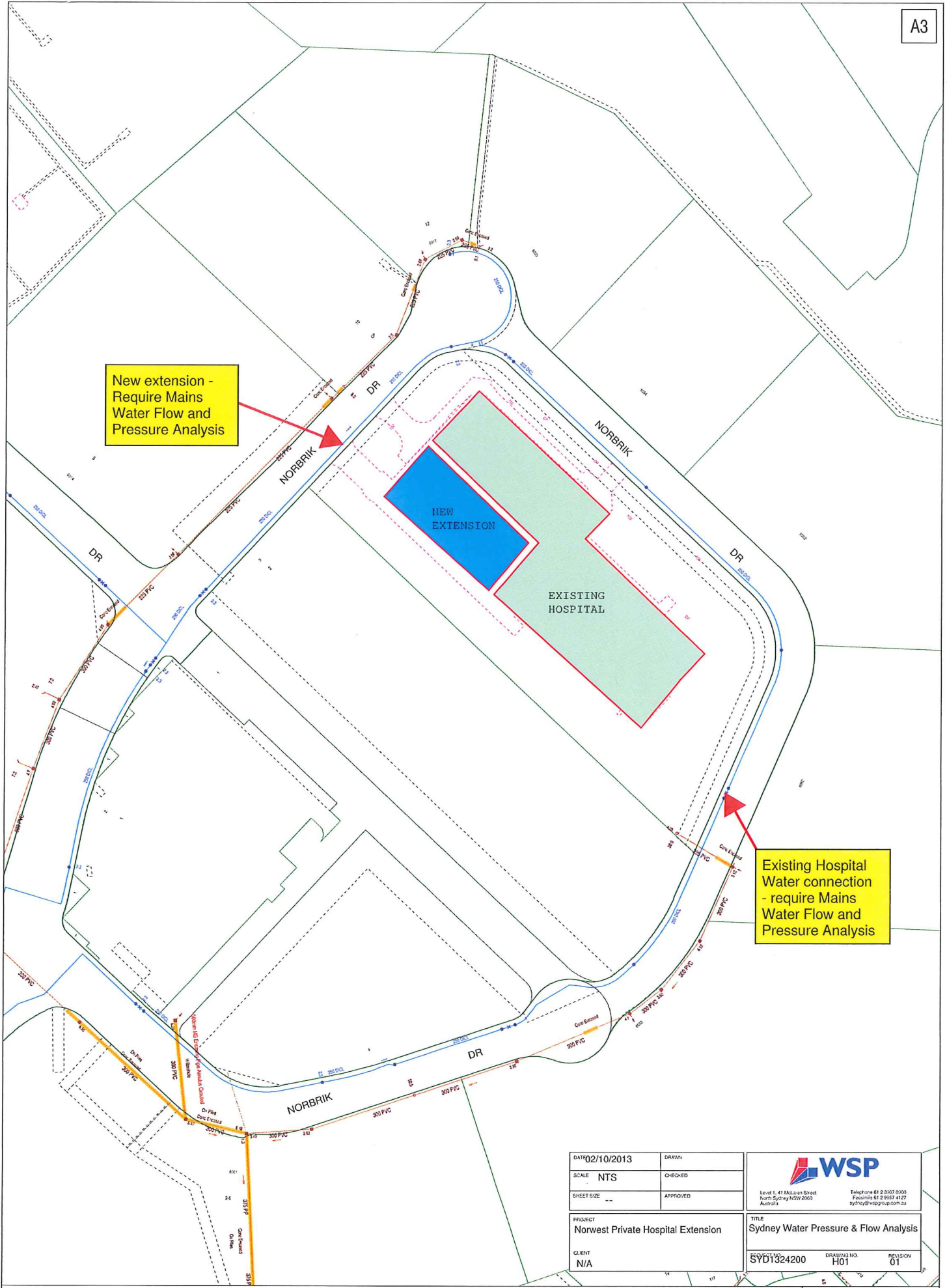


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Applicant Details			
Applicant Type*	Applicant Name*	Contact Name*	
Consultant	Paul Angus	Paul Angus	
Street or Lot Number*	Street Name*		
41	McLaren Street		
Suburb*	Postcode*		
North Sydney	2060		
Preferred Phone Number*	Alternative Phone Number	Fax Number	
0289 070940	0408 647414		
A.B.N.	Email Address		
	paul.angus@wspgroup.com.au		
Property and Asset Details			
Proposed Property Description			
Proposed Location (If different to above)			
Norwest Private hospital, 11 Norbrik Drive, Bella Vista, NSW, 2153			
Fire Flow Investigation Details			
Flows coincident with Base Flow of 1.4x Max day Min Pressure at Flows (L/s):			
Fire Hydrant/Sprinkler Installations (4 flows up to 25 l/s)		Fire Installations (4 flows in excess of 25 l/s)	
5	10	15	20
25	30	35	40
Flows coincident with Peak Demand Base Flow Min Pressure at Flows (L/s):			
Fire Installations (4 flows up to 25 l/s)		Fire Installations (4 flows in excess of 25 l/s)	
5	10	15	20
25	30	35	40
Do you require calculation of a Fire Hose Reel Installation minimum pressure (for two hose reels)*		Do you require calculation of Maximum Permissible Flows?	
<input checked="" type="radio"/> Yes <input type="radio"/> No		<input checked="" type="radio"/> Yes <input type="radio"/> No	
Connection Details			
Street Number	Street Name*	Side of Street*	
11	Norbrik Drive	West	
Nearest Cross-Street*	Distance from Cross-Street*	Direction from Cross-Street*	
Elizabeth MacArthur Drive	100	West	
UBD Map Number	UBD Grid Reference	Metres AHD	Size of Proposed Connection
-	-	-	100

Plans		
Plans Attached?*		
<input checked="" type="radio"/> Yes <input type="radio"/> No		
Comments		
<div>Please provide water pressure statements, as indicated on the attached plans.</div>		
<div>Submit Application</div>	Processing, please wait ...	<div>Go back to Map</div>



New extension -
Require Mains
Water Flow and
Pressure Analysis

Existing Hospital
Water connection
- require Mains
Water Flow and
Pressure Analysis

DATE 02/10/2013	DRAWN
SCALE NTS	CHECKED
SHEET SIZE	APPROVED
PROJECT Norwest Private Hospital Extension	
CLIENT N/A	

Level 1, 41 MacLaren Street North Sydney NSW 2060 Australia Telephone 61 2 9557 0000 Facsimile 61 2 9557 4127 sydney@wspgroup.com.au	
TITLE Sydney Water Pressure & Flow Analysis	
SYD1324200	DRAWING NO. H01 REVISION 01

DBYD Address:
11 Norbrik Drive Dr
Bella Vista NSW 2153

DBYD Job No: 6735810
DBYD Sequence No: 30818557

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SYDNEY WATER CORPORATION

Scale: 1:1500
Date of Production: 26/09/2013

Plan 2 of 3
0m 7m 14m 21m 28m

Patricia Docherty

From: Angus, Paul <Paul.Angus@wspgroup.com.au>
Sent: Wednesday, 9 October 2013 12:23 PM
To: Jess@greghoustonplumbing.com.au
Subject: Norwest Private Hospital Extension - Pressure and Flow application
Attachments: SYD1324200 - Statement of Available Pressure and Flow - Completed Application.pdf; SYD1324200 - Sydney Water Diagram.pdf

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Patricia Docherty

From: Greg Houston Plumbing <connections@sydneywater.com.au>
Sent: Wednesday, 9 October 2013 2:05 PM
To: Angus, Paul
Subject: Statement of Available Pressure and Flows

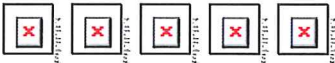
Application Lodgement Summary

Reference Number 8565752

Date Requested: Wed October 9 2013

Agent Greg Houston Plumbing, 1/9 Hargraves Pl Wetherill Park
Applicant Lincolne Scott, Level 1/41 McLaren Street North Sydney 2060
Property/Asset 'medical Centre' Norbrik Dr, Bella Vista 2153 (The Owners - Strata Plan 82294)
PNum: 5431259
250 mm DICL Watermain - (9120947) (Potable)
Product Statement of Available Pressure and Flows

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Transaction Summary

**Date Requested** Wed October 9 2013**A.B.N** 49 776 225 038**Agent** Greg Houston Plumbing, 1/9 Hargraves Pl Wetherill Park**Applicant** Lincolne Scott, Level 1/41 McLaren Street North Sydney 2060

This document will be a tax invoice when you make payment.

Transaction Details	Charge	GST	Total
<i>'medical Centre' Norbrik Dr, Bella Vista 2153</i>			
8565752 Statement of Available Pressure and Flow	\$119.30	\$0.00	\$119.30
<hr/>			
Transaction Total	\$119.30	\$0.00	\$119.30