

## **APPENDIX 13**

Letter from JBS re post construction issues

# Warren Smith & Partners Pty Ltd

A 1st Floor, 123 Clarence Street, Sydney 2000 NSW Australia ABN 36 300 430 126

T 02 9299 1312 F 02 9290 1295 E [wsp@warrensmith.com.au](mailto:wsp@warrensmith.com.au) W [www.warrensmith.com.au](http://www.warrensmith.com.au)

28<sup>th</sup> January, 2011

Project No. 3591

Barangaroo Delivery Authority  
Level 21  
201 Kent Street  
SYDNEY NSW 2000

Attention: Mr Julian Ardas

Dear Julian,

**RE: BARANGAROO HEADLAND PARK AND NORTHERN COVE  
MAIN WORKS PROJECT APPLICATION  
SUMMARY OF SUBMISSIONS FROM GOVERNMENT AGENCIES  
AND SUMMARY OF PUBLIC SUBMISSIONS**

Reference is made to the Summary of submissions from Government Agencies and the summary of Public Submissions received from BDA on 19<sup>th</sup> January 2011 and with particular reference to the letter received from the NSW Government Department Climate Change and Water dated 23<sup>rd</sup> December 2010.

We wish to confirm that matters that relate to the scope of work that Warren Smith and Partners is responsible for is the DECCW Submission and particularly the section on "Water".

*Page 9, Post Construction Phase, Paragraph 1*

WSP will provide a solution such that the water depth within the swale meets OH&S requirements for flow depth to ensure safety of Park occupants; this depth will generally be limited to 200 to 300mm maximum;

*Page 10 Paragraph 1*

A Blackwater Treatment Plant is being provided by Lend Lease under Stage 1 which we understand is required to meet discharge guidelines in accordance with National and NSW Guidelines for discharge of effluent.

*Page 10 Paragraph 2*

The stormwater management plan has been previously provided as part of the main works submission and will be further developed during detailed design.

*Page 10 Paragraph 11, Page 11 Paragraph 1 and 2*

The proposed ongoing monitoring programme required will be subject to production of an Operation and Maintenance Plan prior to completion of the works and will need to be prepared for monitoring of stormwater by WSP and monitoring of deep fill seepage treated water by Conway Consulting and JBS Environmental.

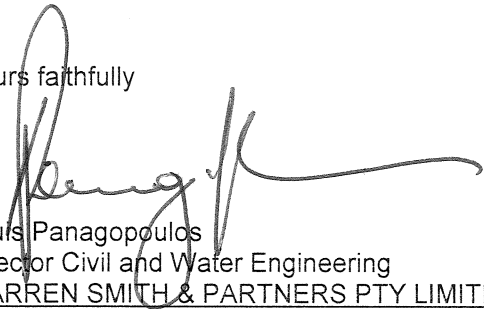
*Page 11 Paragraph 8*

A further statement is required by WSP to address the cumulative impacts on water quality outlining the long term effectiveness of each of the treatment devices being proposed, ie; biofiltration trenches, stormwater treatment plant storage and stormwater treatment pollution control devices.

We believe that the above issues will be addressed during the detailed design phase of this project.



Yours faithfully

A handwritten signature in black ink, appearing to read 'Louis Panagopoulos', with a long horizontal flourish extending to the right.

Louis Panagopoulos  
Director Civil and Water Engineering  
WARREN SMITH & PARTNERS PTY LIMITED