

APPENDIX 6: CULTURAL HERITAGE MANAGEMENT PLAN



**ADDENDUM (ACTION PLAN)
TO ACCOMPANY
MANAGEMENT OF CULTURAL
HERITAGE REPORT**

CITISWICH BUSINESS PARK, BUNDAMBA

JUNE 2013

Walker Corporation Pty Limited
Level 21 Governor Macquarie Tower
1 Farrer Place, Sydney NSW 2000



Cultural Heritage Management Plan: Action Plan

	Action	Responsibility	Deadline	✓
	Northern Sandstone Quarry (Area 1)			
1.	<p>Remove woody weeds and non-indigenous trees and keep undergrowth down.</p> <p>Note: <i>Cardno has confirmed that this does not impact adversely on the conclusions in the following reports: Citiswich Masterplan – Flooding Investigation including Local Flooding Assessment dated August 2012 – Project Number: LJ8714/R3/V5 and Citiswich – Riparian Hydraulic Impact Assessment dated 29 June 2012.</i></p>	Walker Corporation	<u>Initial works</u> : to be undertaken on an annual basis prior to dedication of open space (unembellished) - stage 7.	
		Walker Corporation	<u>Initial maintenance</u> : to commence after 'initial works' completed and to continue in accordance with maintenance period set out in PSP3 - i.e. 18 months.	
		Ipswich City Council	<u>Long term maintenance</u> : regular ongoing maintenance to be undertaken after works accepted off maintenance.	
2.	<p>Provide interpretation and education signage on top of the sandstone ridge under one of the quarried blocks near the powerline easement 20 metres to the east of the Bremer River – sign 1. (Note: <i>it is not envisaged that the sign will be placed at the quarry as it is too dangerous. The upper slope location provides a general context to the operation of the quarry and the use of the river to transport the sandstone.</i></p> <p><i>Sign to be provided in location which integrates with the pedestrian pathway around the Linear Parkland.</i></p> <p><i>Design of sign to be constructed in durable metal that will comprise text and an etched image on a metal post cemented into the ground.) Suggested wording at Annexure 4 of Cultural Heritage Management Plan.</i></p>	Walker Corporation	<u>Initial works</u> : details to be provided with first operational works DA for stage 7 subdivision works. Installation during embellishment works in open space.	
		Walker Corporation	<u>Initial maintenance</u> : 18 months after embellishment of park land in stage 7 as per PSP 3.	
		Ipswich City Council	<u>Long term maintenance</u> : regular ongoing maintenance to be undertaken after works accepted off maintenance.	
3.	<p>Provide interpretation and education signage on top of the sandstone ridge near the powerline easement 50 metres to the east of the Bremer River – sign 2. (Note: <i>it is not envisaged that the sign will be placed at the quarry as it is too dangerous. The upper slope location provides a general context to the operation of the quarry and the use of the river to transport the sandstone.</i></p> <p><i>Sign to be provided in a location which integrates with the pedestrian pathway around the Linear Parkland.</i></p> <p><i>Design of sign to be constructed in durable metal that will comprise text and an etched image on a metal post cemented into the ground.) Suggested wording at annexure 4 of Cultural Heritage Management Plan.</i></p>	Walker Corporation	<u>Initial works</u> : details to be provided with first operational works DA for Stage 7 subdivision works. Installation during embellishment works in open space.	
		Walker Corporation	<u>Initial maintenance</u> : to commence after 'initial works' completed and to continue in accordance with maintenance period set out in PSP 3. 18 month period after embellishment of park land in stage 7 as per PSP 3.	
		Ipswich City Council	<u>Long term maintenance</u> : regular ongoing maintenance to be undertaken after works accepted off maintenance.	

	Action	Responsibility	Deadline	✓
Southern Sandstone Quarry (Area 2)				
4.	Remove woody weeds and both indigenous and non-indigenous trees in the vicinity of the site. Several large trees obscure the face and a number of She-Oak saplings are growing in the creek bank. These should be removed and the site managed for woody weeds. (<i>Check location against Masterplan overlay and against DNRM vegetation mapping</i>).	Walker Corporation	<u>Initial works</u> : prior to dedication of open space (unembellished) – stage 7.	
		Walker Corporation	<u>Initial maintenance</u> : to commence after 'initial works' completed and to continue in accordance with maintenance period set out in PSP3 – 18 months.	
		Ipswich City Council	<u>Long term maintenance</u> : regular ongoing maintenance to be undertaken after works accepted off maintenance.	
5.	Implement erosion control measures for the slope above the quarry to ensure the sediment above the bedrock is not eroded over the quarry face. (<i>Note: this is best achieved through vegetation management on the slope to prevent erosion. If the tree or shrub planting is considered part of the erosion control, it should be undertaken at such a distance to ensure root penetration does not damage the face of the quarry</i>).	Walker Corporation	<u>Initial works</u> : prior to dedication of open space (unembellished) - stage 7.	
		Walker Corporation	<u>Initial maintenance</u> : to commence after 'initial works' completed and to continue in accordance with maintenance period set out in PSP3.	
		Ipswich City Council	<u>Long term maintenance</u> : regular ongoing maintenance to be undertaken after works accepted off maintenance.	
6.	Install fences above the face to ensure that people cannot fall over the face.	Walker Corporation	<u>Initial works</u> : prior to dedication of open space (unembellished) - stage 7.	
		Walker Corporation	<u>Initial maintenance</u> : to commence after 'initial works' completed and to continue in accordance with maintenance period set out in PSP3.	
		Ipswich City Council	<u>Long term maintenance</u> : regular ongoing maintenance to be undertaken after works accepted off maintenance.	
7.	Provide access and interpretation at the western end of the quarry and on the northern side of the creek. Sign to be positioned so that the quarried face is on the left hand side and the quarried blocks are on the right – sign 3 . (<i>Note: The viewing area and access track should be designed in such a way to discourage close access to the face. Design of sign to be constructed in durable metal that will comprise text and an etched image on a metal post cemented into the ground. Suggested wording at annexure 4 of Cultural Heritage Management Plan</i>).	Walker Corporation	<u>Initial works</u> : details to be provided with first operational works DA for stage 7 subdivision works. Installation during embellishment works in open space.	
		Walker Corporation	<u>Initial maintenance</u> : to commence after initial works completed and to continue in accordance with maintenance period set out in PSP 3.	
		Ipswich City Council	<u>Long term maintenance</u> : regular ongoing maintenance to be undertaken after works commenced off maintenance.	
Bremer Mills estate				
8.	Site to be registered as an Archaeological Place under the <i>Queensland Heritage Act 1992</i> .	Walker Corporation	To be completed by 1 August 2013.	

	Action	Responsibility	Deadline	✓
9.	Processing of archaeological material (catalogued, photographed & conserved), mapping, site plans and final archaeological report. Copy of report to be provided to Council.	Walker Corporation	To be completed by 1 August 2013.	
10.	Artefact management. A number of artefacts have been uncovered during the archaeological excavation. Archaeologist is to determine whether the retrieved artefacts are of archaeological significance. (<i>Council advised by email dated 23.11.12 that they are not in a position to accept any fragments/shards etc. retrieved from the site, and that these artefacts should be returned to the site after an assessment is completed by an archaeologist</i>).	Walker Corporation	To be completed by 1 August 2013.	
11.	Non-indigenous trees to be removed by cutting and poisoning at ground level. Root structures do not need to be removed. Bougainvillea to be retained with appropriate support.	Walker Corporation	<u>Initial works</u> : prior to dedication of open space (unembellished) – Archer Street Park.	
		Walker Corporation	<u>Initial maintenance</u> : to commence after 'initial works' completed and to continue in accordance with maintenance period set out in PSP3.	
		Ipswich City Council	<u>Long term maintenance</u> : regular ongoing maintenance plan to be implemented after works accepted off maintenance.	
12.	Regular mowing of the site to be undertaken with light machinery.	Walker Corporation	<u>Initial works</u> : to be undertaken on an annual basis prior to dedication of open space (unembellished) – Archer Street Park.	
		Walker Corporation	<u>Initial maintenance</u> : to commence after 'initial works' completed and to continue in accordance with maintenance period set out in PSP3.	
		Ipswich City Council	<u>Long term maintenance</u> : regular ongoing maintenance to be undertaken after works accepted off maintenance.	
13.	Maintenance of the site, clear boundaries and construct access track with viewing area and install interpretive signage. Sign 6 (Bremer Estate) to be located 20 metres to the west of the excavated floor; sign 7 (sandstone floor) to be located 10 metres east of the sandstone floor; and sign 8 (brick oven) to be located 20 metres east of the brick piles. <i>Note: access track will come from the proposed pedestrian path to within 10m of the site. Design of sign to be constructed in durable metal that will comprise text and an etched image on a metal post cemented into the ground. Suggested wording at annexure 4 of Cultural Heritage Management Plan</i>).	Walker Corporation	<u>Initial works</u> : details to be provided with embellishment, operational works, landscape and parkland plans for Archer Street Park. Installation during embellishment works in open space.	
		Walker Corporation	<u>Initial maintenance</u> : to commence after initial works completed and to continue in accordance with maintenance period set out in PSP 3.	
		Ipswich City Council	<u>Long term maintenance</u> : regular ongoing maintenance to be undertaken after works commenced off maintenance.	

	Action	Responsibility	Deadline	✓
14.	Bollards to be erected at the junction of Archer Street and River Road to prevent unauthorized vehicular access. Note: this action is not to be undertaken immediately as there is no safety issue.	Walker Corporation	<u>Initial works</u> : prior to dedication of open space (unembellished) – Archer Street Park.	
		Walker Corporation	<u>Initial maintenance</u> : to commence after 'initial works' completed and to continue in accordance with maintenance period set out in PSP3.	
		Ipswich City Council	<u>Long term maintenance</u> : regular ongoing maintenance to be undertaken after works accepted off maintenance.	
15.	Flood mitigation works designed for the gully on the eastern side of the site or any other works are not to significantly impact on the western side of the gully for a distance of 100 metres from its junction with the Bremer River.	Walker Corporation	<u>Initial works</u> : prior to dedication of open space (unembellished) – Archer Street Park.	
		Walker Corporation	<u>Initial maintenance</u> : to commence after 'initial works' completed and to continue in accordance with maintenance period set out in PSP3.	
		Ipswich City Council	<u>Long term maintenance</u> : regular ongoing maintenance to be undertaken after works accepted off maintenance.	
Westphalen Coal Loading Facility – Conservation Management Plan				
16.	Preserve the coal loading facility and leave as is.	Walker Corporation	<u>Initial works</u> : prior to dedication of open space (unembellished) - stage 7.	
		Ipswich City Council	<u>Long term maintenance</u> : regular ongoing maintenance to be undertaken after works accepted off maintenance.	
17.	Manage vegetation to ensure no tree growth impacts undermine or disturb the structure and that vegetation does not obscure views of the coal loading facility.	Walker Corporation	<u>Initial works</u> : prior to dedication of open space (unembellished) - stage 7.	
		Walker Corporation	<u>Initial maintenance</u> : to commence after 'initial works' completed and to continue in accordance with maintenance period set out in PSP3.	
		Ipswich City Council	<u>Long term maintenance</u> : regular ongoing maintenance to be undertaken after works accepted off maintenance.	
18.	Seek specialist advice to address the continuous fire in the coal stone. (<i>Note: Hugh Taylor of Taylor Mining Services P/L and Litoria P/L engaged</i>).	Walker Corporation	Completed.	✓

	Action	Responsibility	Deadline	✓
19a.	Continuous fire in the coal stone to be extinguished and area made safe for future use and enjoyment of the site. See stage 1 and 2 actions below.	Walker Corporation	<u>Initial works</u> : prior to dedication of open space (unembellished) - stage 7.	
		Walker Corporation	<u>Initial maintenance</u> : to commence after 'initial works' completed and to continue in accordance with maintenance period set out in PSP3.	
		Ipswich City Council	<u>Long term maintenance</u> : regular ongoing maintenance to be undertaken after works accepted off maintenance.	
19b.	Stage 1 involves researching reports, publications, plans, mapping, photographs; carrying out a survey to locate exposed & visible coal stone heating areas and the area of coal stone material located at the site & provides an approximate volume of coal stone material. From this information a scope of works is developed leading to Stage 2.	Walker Corporation	Prior to dedication of open space (unembellished) - stage 7.	
19c.	Stage 2 action involves ascertaining machinery required, pumping requirements and water truck, lay down areas for spreading and cooling hot materials, disposal or final placement of coal stone material and capping, monitoring equipment, environmental issues, supervision, operational work method statements, safe working procedures and risk assessment and preparation of final report identifying what has been carried out and final status of the coal stone.	Walker Corporation	Prior to dedication of open space (unembellished) - stage 7.	
20.	Clearing of vegetation including trees, as per Master Bushland Rehabilitation Strategy by Litoria dated July 2012. The fire in the coal stone is located within proposed open space and potentially includes areas of significant vegetation. (<i>Note: Scope of work includes plan indicating environmental constraint areas, nominal work areas, nominal disposal and management areas, environmental management works specification and environmental approvals for vegetation removal</i>).	Walker Corporation	Prior to dedication of open space (unembellished) - stage 7.	
21.	Fence the site and do all that is necessary to ensure public safety in and around the site.	Walker Corporation	<u>Initial works</u> : prior to dedication of open space (unembellished) - stage 7.	
		Walker Corporation	<u>Initial maintenance</u> : to commence after 'initial works' completed and to continue in accordance with maintenance period set out in PSP3.	
		Ipswich City Council	<u>Long term maintenance</u> : regular ongoing maintenance to be undertaken after works accepted off maintenance.	

	Action	Responsibility	Deadline	✓
22.	The coal loading facility is to be interpreted for the public with signage appropriately located where the coal loading facility can be viewed. Signs 4 and 5 – to be located at the southern end of the coal loading facility outside the safety fence. <i>(Note: Design of sign to be determined, but will most likely be constructed in durable metal that will comprise text and an etched image on a metal post cemented into the ground. Suggested wording at annexure 4 of Cultural Heritage Management Plan).</i>	Walker Corporation	<u>Initial works</u> : details to be provided with first operational works DA for Stage 7 subdivision works. Installation during embellishment works in open space.	
		Walker Corporation	<u>Initial maintenance</u> : to commence after initial works completed and to continue in accordance with maintenance period set out in PSP 3.	
		Ipswich City Council	<u>Long term maintenance</u> : regular ongoing maintenance to be undertaken after 18 month period concludes.	
Management of Upright Boiler				
23.	The Dinmore Colliery boiler is to be donated to the Haenke Foundation to ensure its long term conservation and most appropriate environment for display and interpretation with other objects associated with the history of coal mining in the Ipswich District.	Walker Corporation	Completed. See letter dated 3.12.12 from Willis L. Haenke Historical Foundation confirming the Dinmore Colliery Boiler from the Citiswch Business Park at Bundamba has been transported, erected and preserved on display as part of the Haenke Foundation's Mining Heritage site at 10 Ella Street, Blackstone.	✓