

ISSUE AND RESPONSE REPORT

CLIENT : Transnet Capital Projects
PROJECT : Locomotive Testing Shed Basic Assessment
PROJECT No : P9503
PURPOSE : Collation of all the comments and summary of all the issues raised by Interested and Affected Parties (I&APs) on the Background Information Document (February 2013); and GIBB's response to the issues raised. All I&APs listed below were registered on the I&AP database for the project.
COMMENTS PERIOD : 29 January 2013 to 01 March 2013
DATE OF REPORT : March 2013
COMPILED BY : Katherine de Jong
REVIEWED BY : Gisela Fechter and Elisabeth Nortje

Acronymns	:	GIBB	GIBB (Pty) Ltd
		BID	Background Information Document
		BA	Basic Assessment
		BAR	Basic Assessment Report
		DAFF	Department of Agriculture, Forestry and Fisheries
		DoT	KZN Department of Transport
		DWA	Department of Water Affairs
		EMP	Environmental Management Programme
		I&AP	Interested and Affected Party
		KZN	KwaZulu-Natal
		SDCEA	South Durban Community Environmental Alliance
		TCP	Transnet Capital Projects
		WESSA	Wildlife and Environment Society of South Africa

No	Issue Raised by	Correspondence Date	Issue Text	Key Environmental Issues (Summarised)	Response
1	<p>KwaZulu-Natal Department of Transport</p> <p>Robert Lindsay Chief Engineer: Materials & Pavements</p> <p>Cell: 082 808 9805 Tel : 033 355 0555 Email: Robert.Lindsay@Kzntransport.gov.za</p>	<p>Email: <u>31 January 2013</u></p>	<p>"I don't believe this project affects us."</p>		<p>Noted.</p>
2	<p>South Durban Community Environmental Alliance (SDCEA)</p> <p>Priya Pillay SDCEA-Research Project Officer</p> <p>Cell: 0720354138 Tel: 0314611991 Fax: 0314681257 Email: priya@sdceango.co.za</p>	<p>Email: <u>7 February 2013</u></p>	<p>"We the south Durban community environmental alliance as well as our affiliates would like to be informed regularly on the proposed construction of steel shed at the existing locomotive testing area in Bayhead.</p> <p>Please see attached a letter. We however would also like to request a site visit regarding this construction. Please let us know if this can be arranged."</p>	<p><i>Site Visit Requested</i></p>	<p>Noted. GIBB registered SDCEA and their affiliates as I&APs.</p> <p>GIBB has attempted to arrange a site visit for the SDCEA representatives but has not got a response from SDCEA yet. Emails were sent to Priya Pillay on 8 February 2013 and 25 February 2013.</p>
3	<p>Department of Agriculture, Forestry and Fisheries (DAFF)</p> <p>Ayanda Mnyungula</p> <p>Tel: 033 392 7745 Fax: 033 342 8783 Email: AyandaMny@nda.agric.za</p> <p>P/Bag X9029 Pietermaritzburg 3200</p>	<p>Fax: <u>15 February 2013</u></p>	<p>"The Department of Agriculture, Forestry and Fisheries (DAFF) appreciate the opportunity to comment on the background Information Document for the above mentioned project.</p> <p>With regards to the document received on the 31st of January 2013, the proposed project is for addressing a need for shelter at an existing facility, which is devoid of any vegetation. Therefore, the Department does not object hence there is no natural forest or protected tree(s) under the National Forests Act, 1998 (Act No. 84 of 1998) that will be affected by the development.</p> <p>This letter does not exempt you from considering other environmental legislations. Should any further information be required, please do not hesitate to contact this office."</p>	<p><i>Forestry Impacts</i></p>	<p>Noted.</p>

<p>4</p>	<p>Department of Water Affairs (DWA)</p> <p>Ms. K. P Methula</p> <p>Tel: 031 336 2765 Fax: 031 305 9915 Email: Methulak@dwa.gov.za</p>	<p>Email: 26 Februar 2013</p>	<p><u>“BACKGROUND INFORMATION DOCUMENT FOR THE PROPOSED CONSTRUCTION OF A STEEL SHED OVER AN EXISTING LOCOMOTIVE TESTING AREA IN BAYHEAD, PORT OF DURBAN.</u></p> <p>Reference is made to the above mentioned document emailed too this Office on 07 February 2013.</p> <p>The Water Quality Management Component of this Department would like the following matters to be addressed in the Basic Assessment Report:</p> <ol style="list-style-type: none"> 1. Management of general and hazardous waste generated during both the construction and post construction phase. 2. Identification of any environmental sensitive areas and water resources as well as possible pollution impacts and mitigation measures of such water resources. 3. Stormwater management during and after construction. 4. Sewage and wastewater treatment and disposal. This should also include the following: <ul style="list-style-type: none"> • Type of toilet facilities to be provided for construction workers 5. Spill contingency plans/emergency response plan 6. Environmental Management Programme. <p>This Department awaits a copy of the Basic Assessment Report in order to provide more detailed comments. Please do not hesitate to contact this office should you have any concerns, comments or queries.”</p>	<p><u>DWA requests that the following is to be addressed in the Draft BAR:</u></p> <p><i>Waste Management</i></p> <ul style="list-style-type: none"> • Management of general and hazardous waste • Identification of sensitive environments and possible pollution impacts and mitigation measures. <p><i>Stormwater Management</i></p> <ul style="list-style-type: none"> • Stormwater management during and after construction • Sewage and wastewater treatment and disposal • Spill contingency Plans. <p><i>Environmental Management Programme</i></p>	<p>Noted. Refer to the draft BAR Section D and Appendix G – EMP.</p> <p>Solid general waste produced during the operational phase will be placed in dedicated waste bins and skips located at convenient places. These bins or skips will be stored securely and safely on site and clearly labelled for the correct disposal of waste types. These bins or skips will be taken to the buildings’ central waste management facility, from where the waste will be collected for recycling and/or disposal by the appointed waste contractor(s) and either suitably recycled or disposed of at registered municipal landfill sites.</p> <p>Small quantities of hazardous waste may arise, which will be segregated from the general waste and disposed of at an appropriately licensed disposal facility. This will be specified as such in the EMP and it is recommended that it be incorporated as part of the Transnet standard operating procedures for the site.</p> <p>Note: The uMhlatuzana Canal will not be impacted on in any way.</p> <p>Noted. Stormwater management aspects will be addressed in the draft BAR and Appendix G – EMP including spill contingency plans etc.</p> <p>Effective stormwater management is necessary at all phases of the project and is vital in terms of protecting the site from being flooded as well as ensuring that environmental degradation is prevented / mitigated.</p> <p>The EMP includes the following mitigation measure applicable to Stormwater Management:</p> <ul style="list-style-type: none"> • Develop, design and maintain an overall site Stormwater Management Plan for the construction, operational and decommissioning phases, which includes appropriate, effective and legal management of stormwater; inter alia the following: <ul style="list-style-type: none"> ○ Ensure that the ultimate flow from the development does not result in any negative impacts on downstream properties or watercourses and must therefore ensure that stormwater is managed within the overall site
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					<p>as effectively as possible</p> <ul style="list-style-type: none"> o Keep the stormwater drainage network separate from the effluent/sewer system o These networks must be designed and constructed in such a manner that stormwater of a suitable quality will drain into the surrounding system. <p>It should be noted that the Umhlatuzana Canal will not be impacted on. The site is already provided with hardstanding (tarred surface) and runoff is currently directed to the existing stormwater system of the TE Premises. Rainwater from the roof of the new shed will tie into the existing storm water system which has no discharge to the uMhlatuzana Canal that borders the proposed site.</p>
5	<p>WESSA Ms Carolyn Schwegman EIA Co-ordinator, WESSA KZN Region</p> <p>Tel: +27 (0)39 975 2147</p> <p>Cell: +27 (0)83 9814814</p> <p>Fax: +27 (0)39 9752147 (on request)</p> <p>Email: afromatz@telkomsa.net Website: www.wessa.org.za Address: P O Box 343, Pennington, 4184</p>	<p>Email: 28 February 2013</p>	<p><u>"Proposed Shed – Transnet Locomotive Testing Centre, Bayhead, Durban"</u></p> <p>Background Information Document: Thank you for informing WESSA of the project and while our concern would be with respect to the potential pollution of the Mhlatuzana Canal this is said not be an issue as runoff will tie into the existing stormwater system which does not discharge to the canal. We do however feel that the following should be considered –</p> <ul style="list-style-type: none"> - Potentially contaminated water is passed through oil/water traps prior to discharge to any stormwater system; - Clean stormwater is separated from potentially contaminated stormwater; - Roof runoff is directed to holding facilities for use on the site, such as yard cleaning, with the aim to reduce the use of potable water for non-domestic use. <p>We find stormwater management to be the only matter to be addressed and WESSA and Coastwatch do not wish to register and receive additional information.</p>	<p><i>Stormwater Management</i></p> <ul style="list-style-type: none"> • Contaminated water to be passed through oil/water traps prior to discharge to stormwater system • Clean and dirty water separation • Suggestion to collect roof runoff for reuse around the site. 	<p>Noted. Stormwater management aspects will be addressed in the draft BAR and Appendix G – EMP.</p> <p>See above.</p>