

## RESPONSE/ACTION TAKEN WITH RESPECT TO REVIEWER'S COMMENTS ON HAZID REPORT

<b>Reviewer's Comments:</b> SR Chetty Durban University of Technology	<b>Response/Action Taken:</b> Kirshen Naidoo / Siva Chetty Royal HaskoningDHV
<p><b><u>Comment 1:</u></b> I am aware this is a process based hazard study on the upgrade of Southern Waste Water Treatment Works and is driven largely by Guidewords and is based mainly for onsite hazard monitoring. As per the guidelines consideration was given to the proximity of adjacent industrial installations and valued ecosystems but in this case no mention/consideration was given to the close proximity to a residential area which is part of the population it is intended to serve. Chemical/toxic emissions or explosions onsite will impact on the local population. It should have been included in this study. Other than that the study was well thought out and covered the major aspects.</p>	<p><b><u>Response 1:</u></b></p> <p>The reviewers comments have been noted and the following actions taken:</p> <ul style="list-style-type: none"> <li>• “Proximity to adjacent residential areas” has been added to the list of applicable guidewords in the Risk Assessment (Refer to the “List of applicable guidewords” sheet of the RA).</li> <li>• In the Risk Assessment record sheet: rows 18 and 44 for Nodes 1 and 2 have been added with respect to the guideword “Proximity to adjacent residential areas”. This has been further expanded on the in RA record sheet.</li> <li>• Appendix 6 of the HAZID Report has been updated to reflect the changes made to the RA.</li> </ul> <p>It should be noted that a separate Major Hazardous Installation (MHI) study has been conducted which considers in-depth the impacts to the surrounding residents. The focus of the Hazid study held on 21 February was on identifying process related risks only.</p>