

20120223 ESAP for Titan Danube:

Issue and Mitigation measures:	Schedule of implementation:
<p>Titan Danube's operations have been upgraded to comply with local as well as World Bank Group (WBG) environmental guidelines for all emissions and discharges, with the exception of NOx emissions from the Usje plant which will not be able to achieve the WBG NOx emission guideline value of 600 mg/Nm³ without the installation of secondary (SNCR) emission control.</p>	<p>Titan Danube will within 18 months optimize the operations and define the actions needed to achieve full compliance with the WBG NOx emission requirements at all kilns. At the end of the 18 months period Titan will present a plan for implementation of any needed technological upgrades, including a timeframe not to exceed 2 (two) years for implementation.</p>
<p>Titan Danube has taken over a number of long established quarry operations which all need adjustments (appropriate benching) to allow for rehabilitation, with top soil application and replanting, as part of daily operation and resulting in full rehabilitation at the end of operational life. Due to the many years of operation without these standards, the change of quarry layout etc. will be a time consuming process that for some of the quarries will require permit changes, including public consultations. Titan Danube has managed to complete this process for some quarries, while others are still to follow.</p>	<p>Titan Danube will within 18 months ensure that each quarry has an "end of usable lifetime" rehabilitation plan, or is in the process of permit change for achieving this planning goal. The rehabilitation plans shall include progressive rehabilitation, where application of top soil and replanting takes place during the year following the completion of an extraction level.</p>