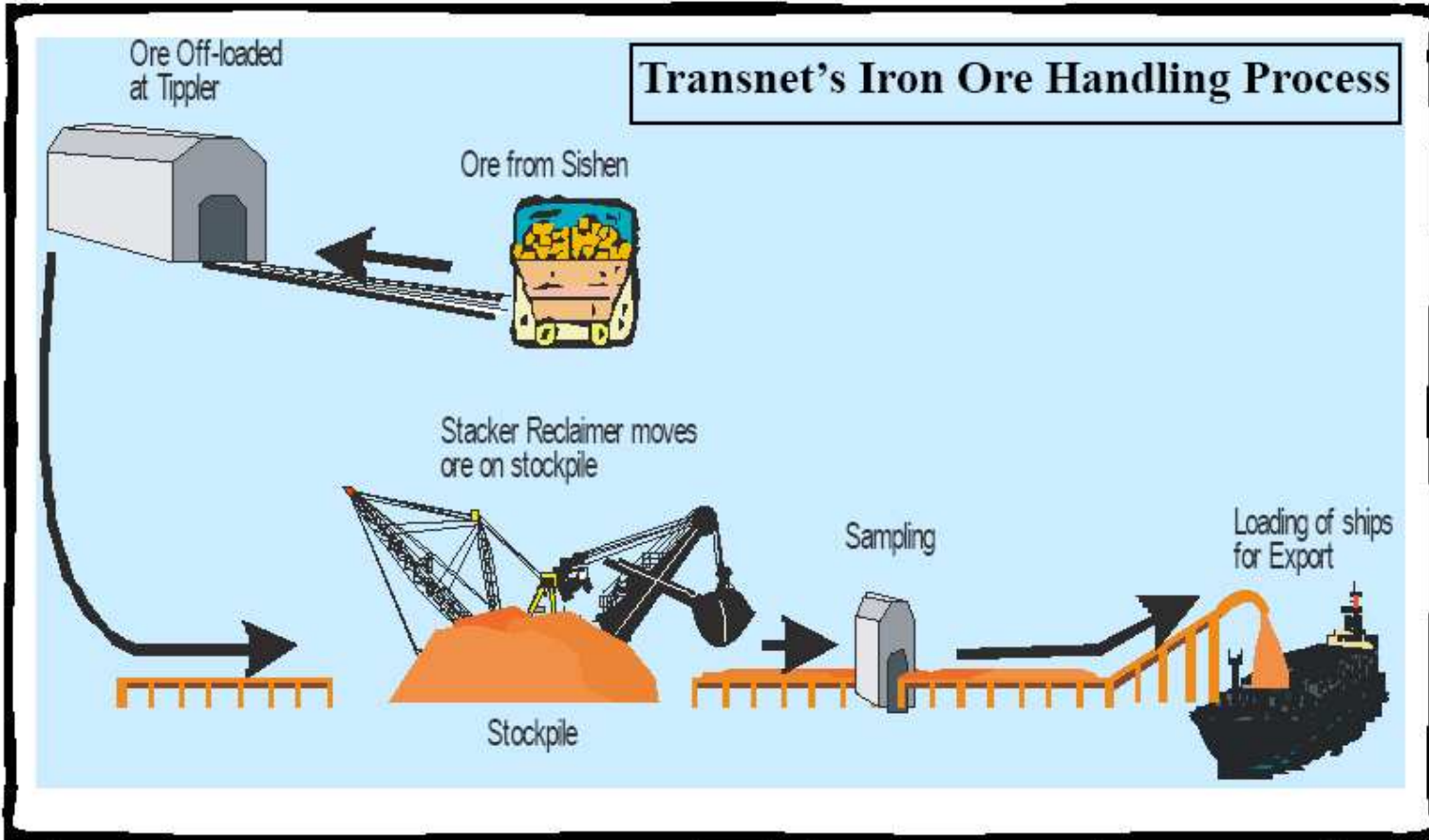


**Appendix A7 OPEN DAY POSTER PRESENTATION**





## DESCRIPTION OF TRANSNET'S CURRENT SALDANHA OPERATIONS

- ◆ Iron ore is transported via the Sishen-Saldanha railway line to Saldanha Bay.
- ◆ The trains arriving from Sishen are broken down into shorter, more manageable units at Salkor Shunting Yard, located approximately 5km north of the port.
- ◆ From Salkor Yard the shorter trains are shunted towards the port for unloading.
- ◆ At the port the ore is off-loaded using a tippler system, designed to turn the ore trucks upside down, dumping the ore onto a conveyor belt system below.
- ◆ From the tippler the ore is transported via a conveyor belt to the stockpile areas.
- ◆ Three stacker-reclaimers, using a bucket loading and retrieval system, stack the ore from the conveyor belt onto iron ore stockpiles.
- ◆ When an iron ore carrier ship arrives at the port the stacker-reclaimers are also used to retrieve the ore from the stockpiles, placing it onto conveyor belts that feed the ship-loading system.
- ◆ The ship-loaders load the ore from the conveyor belts into the holds of the iron ore carrier ships docked at the port.



## THE PROPOSED PHASE 2 UPGRADE

- ◆ Upgrades to Salkor Rail Yard, located 5 km north of the port.
- ◆ Upgrades to the iron ore handling infrastructure at the port, including the following:
  - ◇ Additional rail infrastructure;
  - ◇ Road upgrades – including the MR 559 road bridge;
  - ◇ 2 additional tipplers;
  - ◇ 3 additional stockpile areas;
  - ◇ 3 additional stacker-reclaimers;
  - ◇ Additional conveyor systems;
  - ◇ A possible additional sampling plant;
  - ◇ 2 additional ship-loaders;
  - ◇ 2 additional shipping berths;
  - ◇ Deepening of shipping channels;
  - ◇ Disposal of dredged materials;
  - ◇ Possible reclamation into the bay using dredged materials;
  - ◇ Possible backfilling of an existing reclamation dam area;
  - ◇ Storm water management infrastructure; and
  - ◇ Bulk supply services and utilities infrastructure.
- ◆ Transnet plans to minimise environmental impacts by implementing:
  - ◇ Water spray systems to minimise dust levels;
  - ◇ Chemical additive dust suppression systems;
  - ◇ Wind sheeting for conveyors;
  - ◇ Dust extraction plants;
  - ◇ Noise reduction equipment on the rail wagons; and
  - ◇ Other mitigation measures that may become evident through the EIA .
- ◆ Three alternative footprint areas are being considered for the additional stockpiles:
  - ◇ 1: Southward expansion, requiring reclamation of approx 50 ha of the bay;
  - ◇ 2: Northward expansion of approximately 36 ha into undeveloped dune area; and
  - ◇ 3: Eastward expansion of approximately 55 ha into the reclamation dam.



### Alternative 1:

Southward expansion requiring reclamation of approximately 50 ha of the bay.

Suidwaartse uitbreiding, waarvoor ongeveer 50 ha van die baai drooggelê sal moet word.

Ulwandiso olungasentshona, olufuna ukuba kusetyenziswe umhlaba omalunga neehekhthare ezingama-50 zebheyi.



### Alternative 2:

Northward expansion of approximately 36 ha into undeveloped dune area.

Noordwaartse uitbreiding binne ongeveer 36 ha onontwikkelde dungebied.

Ulwandiso olungasemantla, olufuna ukuba kusetyenziswe umhlaba omalunga neehekhthare ezingama-36 ezikummandla ongaphuhliswanga oneengquzu zentlabathi.

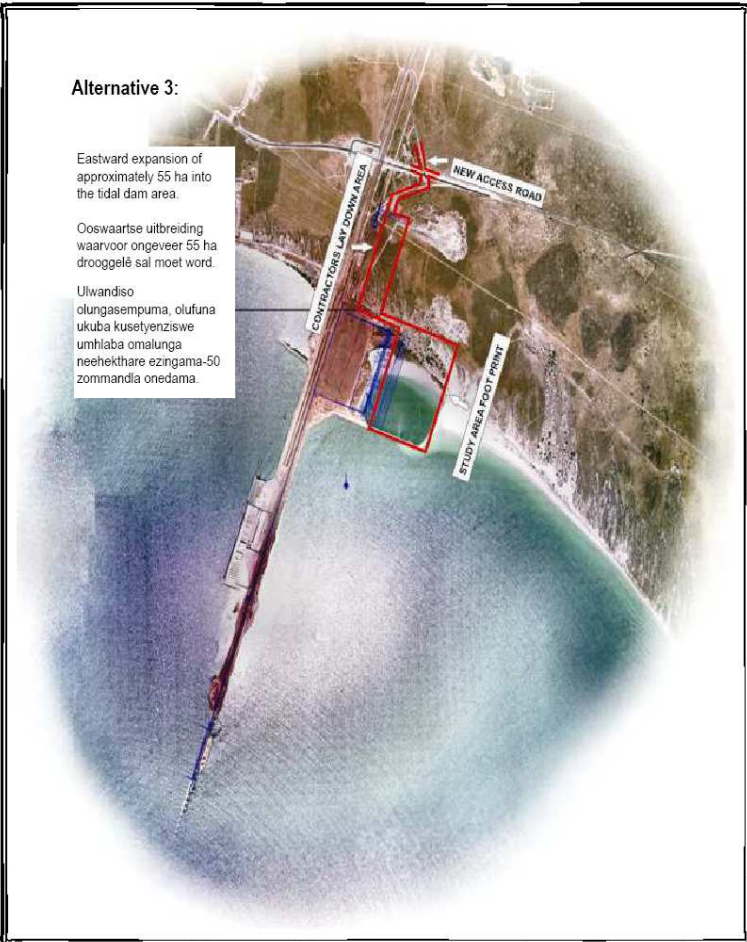


**Alternative 3:**

Eastward expansion of approximately 55 ha into the tidal dam area.

Ooswaartse uitbreiding waarvoor ongeveer 55 ha drooggelê sal moet word.

Ulwandiso olungasempuma, olufuna ukuba kusetyenziswe umhlaba omalunga neehekhathare ezingama-50 zommandla onedama.

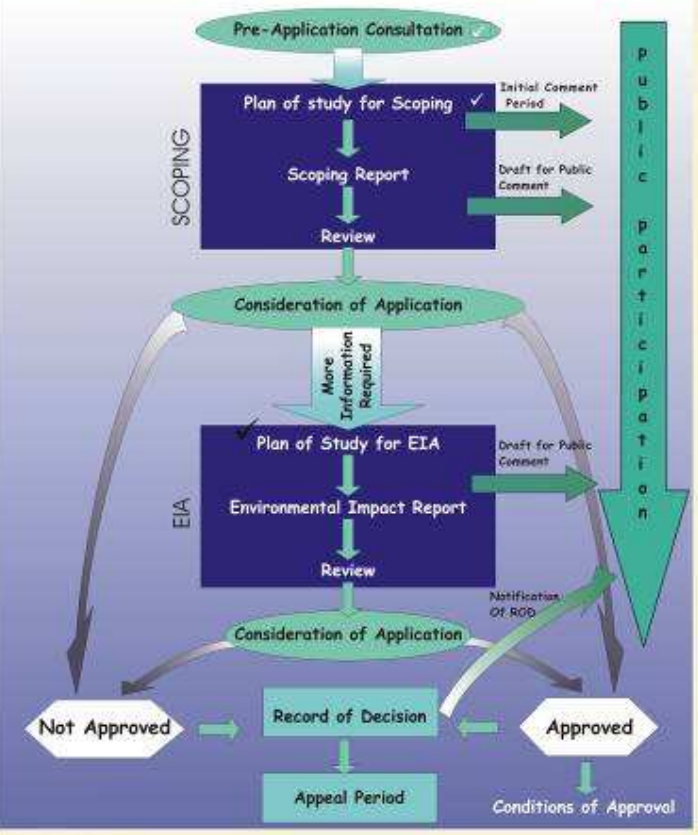


**ISSUES IDENTIFIED**

Issues	Proposed Specialist Study
Dust (Health & Nuisance)	Air Quality & Health Impact Assessment
Visual	Visual Impact Assessment
Noise	Noise, Blasting & Vibrations Impact Assessment
Beach Erosion & Litter	Beach Erosion Impact Assessment
Socio Economic	Socio-Economic Impact Assessment
Traffic	Traffic Impact Assessment
Shipping Traffic & Ballast Water	Shipping Traffic Risk Assessment
Ecological	Fauna, Botanical, Marine & Benthic Impact Assessment
Heritage	Heritage Impact Assessment



What is Involved in the Environmental Process Required in Terms of the EIA Regulations?



## SCOPING ACTIVITIES

Activities	Date
• Advertisements Announcing Commencement of EIA and Requesting Registration of Interested and Affected Parties.	• 17 - 23 July 2006
• Distribution of Background Information Document	• 27 - 28 July 2006
• Key Stakeholder and Focus Group Meetings	• 1 - 14 August 2006
• Public Open Days	• 15 - 17 August 2006
• Public Comment Period Ends	• 1 September 2006
• Draft Scoping Report Released for Public Comment	• ± 20 October 2006
• Comment on Draft Scoping Report Ends (min. 30 days)	• ± 24 November 2006
• Submit Final Scoping Report to DEAT	• ± 8 December 2006



ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

**PROPOSED PHASE 2 EXPANSION OF THE  
TRANSNET IRON ORE HANDLING FACILITY, SALDANHA**

## **PUBLIC OPEN DAY**

THANK YOU FOR ATTENDING

PLEASE TAKE AND COMPLETE A COMMENT  
FORM OR ENSURE THAT A CONSULTANT  
RECORDS YOUR COMMENT

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