

# Health Impact Assessment for the Proposed Development and Operation of a Bulk Mineral Ore Storage Terminal and Conveyors in Saldanha Bay: Healthcare Facilities

## 1 Participant Information & Consent

Niara Environmental Consultants (Pty) Ltd has been appointed to undertake a Health Impact Assessment (HIA) for the proposed Manganese and Iron Ore Storage and Conveyor Facility in Saldanha Bay.

Your participation is voluntary. Information provided will be treated as confidential and used solely for the HIA, in accordance with the Protection of Personal Information Act, 2013 (Act No. 4 of 2013). Participation does **not** imply support for or objection to the project.

**Do you consent to participate?**

Yes  No

## 2 Facility & Respondent Profile

1. Name of healthcare facility:
2. Type of facility:
  - Primary healthcare clinic
  - Community health centre
  - District hospital
  - Private practice
  - Other (specify)
3. Location (town/community):
4. Approximate distance from proposed facility:
  - <5 km  5–10 km  >10 km
5. Respondent role/position:
6. Years of experience in this facility:
7. Professional discipline:
  - Medical practitioner

- Professional nurse
- Environmental Health Practitioner
- Allied health professional
- Facility manager

### 3 Facility Catchment & Service Profile

1. Approximate population served by the facility:
2. Main communities served (tick all):
  - Saldanha
  - White City
  - Diazville
  - Parker's Town
  - Noordbaai
  - Langebaan
  - Vredenburg
  - Jacobsbaai
  - Other
3. Core services provided (tick all):
  - Primary healthcare
  - Maternal and child health
  - TB and HIV services
  - Chronic disease management
  - Emergency care
  - Mental health services

### 4 Baseline Community Health Profile

1. Most common conditions presenting at the facility (top 5):
  - 1.
  - 2.
  - 3.
  - 4.
  - 5.
2. Have you observed trends over the past 3–5 years in:
  - Respiratory illnesses  Increase  Stable  Decrease
  - TB  Increase  Stable  Decrease
  - Cardiovascular disease  Increase  Stable  Decrease
  - Skin or eye irritation  Increase  Stable  Decrease
  - Mental health conditions  Increase  Stable  Decrease

3. Are any groups particularly vulnerable?
- Children
  - Elderly
  - People with asthma/COPD
  - Pregnant women
  - Low-income households

## 5 Environmental Health & Exposure Pathways

1. Are environmental factors a frequent contributor to patient presentations?  
 Yes  No  Unsure
2. Which environmental health issues are most relevant in your catchment?
- Dust / air pollution
  - Noise
  - Traffic-related injuries
  - Water quality concerns
  - Waste management / pests
3. Have patients reported symptoms they believe are linked to:
- Industrial activities?  Yes  No
  - Port operations?  Yes  No
  - Heavy vehicle traffic?  Yes  No
4. Are respiratory symptoms worse:
- During windy conditions
  - Seasonally
  - No clear pattern observed

## 6 Healthcare Access & System Pressures

1. Do patients experience barriers to accessing healthcare?
- Transport
  - Cost
  - Long waiting times
  - Staff shortages
  - Medication shortages
2. Is your facility currently operating:
- Below capacity
  - At capacity
  - Over capacity
3. Are referral pathways (ambulance, hospitals) functioning adequately?  
 Yes  No (explain)

## 7 Emergency Preparedness & Incident Response

1. Has your facility dealt with:
  - Industrial incidents
  - Air pollution episodes
  - Traffic accidents linked to heavy vehicles
2. Is the facility prepared to respond to:
  - Mass casualty events?  Yes  No
  - Acute respiratory exposure incidents?  Yes  No
3. Are there formal communication channels with:
  - Municipality
  - Disaster management
  - Industry / Port Authority

## 8 ANTICIPATED PROJECT-RELATED HEALTH IMPACTS

1. How do you anticipate the proposed facility may affect community health?
  - Positive
  - Negative
  - No significant change
  - Uncertain
2. Primary health risks of concern (tick all):
  - Dust and air quality
  - Respiratory disease burden
  - Traffic injuries
  - Noise-related stress
  - Pressure on health services
3. Do you foresee:
  - Increased patient numbers?  Yes  No
  - New types of health complaints?  Yes  No

## 9 Health Benefits & Opportunities

1. Could the project provide indirect health benefits?
  - Improved infrastructure
  - Employment and income stability
  - Improved emergency services
  - No clear benefits

2. Could collaboration with the proponent improve health outcomes?  
 Yes  No  Possibly

## 10 Mitigation, Monitoring & Management

1. What mitigation measures are essential from a health perspective?  
 Continuous air quality monitoring  
 Public reporting of results  
 Traffic management measures  
 Emergency response planning  
 Community health screening
2. Which health indicators should be prioritised for monitoring?  
 Respiratory conditions  
 TB incidence  
 Cardiovascular disease  
 Mental health indicators  
 Injury and accident data
3. Would you support a formal Community Health Monitoring Programme?  
 Yes  No

## 11 Capacity Needs & Recommendations

1. What additional resources would strengthen your facility's capacity?  
 Staffing  
 Equipment  
 Training  
 Medicines  
 Infrastructure upgrades
2. What recommendations do you have to ensure health risks are adequately managed if the project proceeds? (Open-ended)

## 12 Final Comments

Please share any additional insights or concerns relevant to community health in relation to the proposed development.

Thank you for participating in this survey. Your insights are valuable in assessing the potential health impacts of the proposed Manganese and Iron Ore Storage and Conveyor Facility on the local community.

Should you wish to provide any additional information, or have concerns regarding this survey, please use the contact details below, using Niara reference number **CEN03**.

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