

Health Impact Assessment for the Proposed Development and Operation of a Bulk Mineral Ore Storage Terminal and Conveyors in Saldanha Bay: Emergency Services / Disaster Management

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 Respondent & Service Profile

1. Name (optional):
2. Position / rank:
3. Organisation / service:
 - Fire and Rescue
 - Emergency Medical Services (EMS)
 - Disaster Management
 - Traffic / Road Safety
 - SAPS
 - Maritime / Port Emergency Services
 - Other (specify)
4. Area of jurisdiction / coverage:
5. Years of experience in this role:

3 Service Coverage & Operational Capacity

1. Communities and facilities covered by your service (tick all):
 - Saldanha
 - White City
 - Diazville
 - Parker's Town
 - Noordbaai
 - Langebaan
 - Vredenburg
 - Port of Saldanha
 - Industrial areas
2. Average response times:
 - Urban areas:
 - Industrial / port areas:
3. Current capacity:
 - Staffing levels: Adequate Limited Critical
 - Vehicles and equipment: Adequate Limited Critical
4. Are resources shared with other municipalities or districts?
 Yes No (explain)

4 Incident History & Baseline Risk Context

1. In the past 5 years, has your service responded to:
 - Industrial accidents
 - Hazardous material incidents
 - Fires or explosions
 - Dust or air pollution complaints
 - Major traffic accidents
 - Port or maritime emergencies
2. Which types of incidents occur most frequently?
3. Are there known high-risk locations or corridors (roads, rail, port interfaces)?

5 Environmental & Community Health–Related Emergencies

1. Have you responded to incidents involving:
 - Airborne dust or particulate exposure
 - Chemical or mineral spills
 - Community respiratory distress episodes
 - Noise or vibration complaints escalating to safety issues

2. Do environmental conditions (e.g. wind, fog, storms) affect emergency response?
 Yes No (explain)

6 Traffic, Transport & Access Risks

1. Are heavy vehicles and freight transport a concern in your jurisdiction?
 Yes No
2. Do traffic incidents involving heavy vehicles:
 Occur frequently
 Present complex rescue challenges
 Affect emergency response times
3. Are access routes to industrial or port areas:
 Adequate
 Constrained
 Frequently congested

7 Emergency Preparedness & Coordination

1. Are there formal emergency response plans for:
 Industrial facilities
 Port operations
 Hazardous materials
 Community evacuations
2. Are emergency drills conducted?
 Regularly Occasionally Never
3. Is there effective coordination between:
 Municipality
 Disaster Management
 Port Authority
 Industrial operators
 Healthcare facilities
4. Are communication systems during emergencies:
 Reliable Partially reliable Inadequate

8 Awareness Of The Proposed Project

1. Are you aware of the proposed Manganese and Iron Ore Storage and Conveyor Facility?
 Yes No
2. Has your service been consulted as part of the EIA process?
 Yes No
3. Have potential emergency scenarios related to this project been discussed?
 Yes No

9 Anticipated Project-Related Risks

1. From an emergency services perspective, what risks may increase if the project proceeds?
 - Dust release incidents
 - Fires or explosions
 - Traffic accidents
 - Equipment or conveyor failures
 - Port-related incidents
2. Do you anticipate:
 - Increased call-outs
 - More complex incidents
 - Longer response times
3. Which communities or facilities would be most exposed during an incident?

10 Capacity Gaps & Resource Needs

1. Would the project require:
 - Additional training
 - Specialised equipment
 - Increased staffing
 - Improved access routes
2. Are current resources sufficient to manage worst-case scenarios?
 - Yes No Partially
3. What support would be required from the project proponent?

11 Mitigation, Management & Monitoring

1. What emergency-related mitigation measures should be mandatory?
 - Site-specific Emergency Response Plan
 - Joint emergency drills
 - Early warning and notification systems
 - Clear access and evacuation routes
 - Community emergency awareness programmes
2. Should emergency services be formally included in:
 - Project emergency planning
 - Incident reporting protocols
 - Ongoing monitoring and review

12 Recommendations & Final Inputs

1. What conditions would you recommend to ensure community safety and emergency preparedness?

2. Are there any existing disaster management plans, bylaws or standards that should be referenced in the HIA?

3. Any additional comments or concerns relevant to this project?

Thank you for participating in this survey. Your insights are valuable in assessing the potential health impacts of 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**.

Contact person: Anela Sotashe

Tel: 066 526 5099

Email: stakeholder@niara.co.za

Postal Address: Office 1 Palm Place Office Park, 22 Bram Fischer Drive, Linden, Johannesburg, 2195