

# Health Impact Assessment for the Proposed Development and Operation of a Bulk Mineral Ore Storage Terminal and Conveyors in Saldanha Bay: Education and Childcare 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 Institution Profile

1. Name of school / ECD facility:
2. Type of institution:
  - Early Childhood Development (Crèche / ECD)
  - Primary School
  - Secondary School
  - Combined School
3. Location (community / suburb):
4. Approximate distance from proposed facility:
  - <5 km  5–10 km  >10 km
5. Respondent role:
  - Principal
  - Deputy Principal

- Head of Department
- Teacher
- ECD Manager

6. Years in current role:

### 3 Learner Profile & Vulnerability

1. Total number of learners enrolled:
2. Age groups served:
  - Under 5
  - 5–7
  - 8–12
  - 13–18
3. Are there learners who are:
  - Asthmatic or with chronic respiratory conditions
  - Living with disabilities
  - From low-income or food-insecure households
4. Are learners transported to school?
  - Walking
  - Scholar transport
  - Public transport
  - Private vehicles

### 4 Baseline Child Health Observations

*(Non-clinical, observational)*

1. Have you observed any of the following among learners?
  - Persistent coughing or wheezing
  - Shortness of breath during physical activity
  - Frequent headaches
  - Eye or skin irritation
  - Fatigue or poor concentration
2. Have you noticed changes over the past few years in:
  - Respiratory symptoms  Increase  Stable  Decrease
  - Absenteeism due to illness  Increase  Stable  Decrease
  - Behavioural or concentration difficulties  Increase  Stable  Decrease
3. Are there specific times or conditions when symptoms are worse?
  - Windy days
  - Hot conditions

- Construction or industrial activity periods
- No clear pattern

## 5 Environmental Conditions at the Facility

### Air Quality & Dust

1. Does dust settle on school premises, classrooms or play areas?  
 Yes  No
2. When is dust most noticeable?  
 Windy days  Daily  Seasonal

### Noise

3. Are teaching or learning activities disturbed by noise?  
 Yes  No
4. Source of noise:  
 Traffic  
 Trains  
 Port / industrial activities

### Water & Sanitation

5. Source of water at the facility:  
 Municipal  Borehole  Other
6. Any concerns regarding water quality or sanitation?  
 Yes  No

## 6 Safety, Access & Daily Routines

1. Are there safety concerns related to:  
 Traffic near the school  
 Heavy vehicles  
 Pedestrian safety
2. Have there been incidents or near-misses involving learners?  
 Yes  No (explain)
3. Do learners spend time outdoors during school hours?  
 Yes  No  
If yes, for how long per day?

## 7 Health Awareness & School Capacity

1. Does the school/ECD have:  
 A sick room or designated health space  
 Trained staff for basic first aid  
 Links with local clinics or health services

2. Are parents informed about environmental or health-related issues affecting learners?  
 Yes  No
3. Are there existing health or nutrition programmes?  
 Feeding scheme  
 Health screening  
 Wellness programmes

## 8 Awareness of the Proposed Project

1. Are you aware of the proposed ore storage and conveyor facility?  
 Yes  No
2. Have you received information through:  
 Public meetings  
 Notices  
 Media  
 Parents / community
3. Do parents raise concerns related to environmental or health issues?  
 Yes  No

## 9 Perceived Risks to Children & Learning

1. Do you believe the proposed project could affect:
  - Learner health  Yes  No  Unsure
  - Learning and concentration  Yes  No  Unsure
2. Main concerns (tick all):  
 Dust / air pollution  
 Noise disturbance  
 Traffic safety  
 Stress or anxiety  
 Absenteeism
3. Which learners would be most vulnerable?  
 Younger children  
 Learners with asthma  
 Learners walking to school

## 10 Mitigation, Monitoring & Communication

1. What measures should be implemented to protect learner health?  
 Dust suppression and monitoring  
 Noise management

- Traffic calming near schools
- Emergency communication procedures
- 2. Would you support:
  - Air quality monitoring near schools
  - Health screening programmes for learners
  - Regular communication with the project proponent
- 3. Preferred communication channel:
  - School meetings
  - Written notices
  - SMS / WhatsApp
  - Through governing bodies

## 11 Recommendations & Final Inputs

1. What conditions would you recommend to ensure that children's health and wellbeing are protected if the project proceeds?

2. Are there any existing policies, school guidelines, or child-protection considerations that should be taken into account in the HIA?

3. Any additional concerns or information you wish to share?

Thank you for participating in this survey. Your insights are valuable in assessing the potential health impacts of the the proposed Manganese and Iron Ore Storage and Conveyor Facility in Saldanha Bay 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](mailto:stakeholder@niara.co.za)

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