



**WASTE LICENCE
APPLICATION
PROCESS FOR WASTE
ACTIVITIES IN TERMS
OF THE NATIONAL
ENVIRONMENTAL
MANAGEMENT :WASTE
ACT 2008 (No. 59 of
2008)**

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THE WASTE LICENSING APPLICATION PROCESS IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT: WASTE ACT 2008 (No. 59 of 2008) "NEMWA".

PART 1: WASTE ACTIVITIES LICENSING APPLICATION PROCESS EXPLAINED:

1.1 Licensing process:

1.1.1 The waste licensing process for listed activities under Schedule 1 in the National Environment Management Waste Act 2008 is as defined in the environmental impact assessment (EIA) regulations made under section 24(5) of the National Environment Management Act 2008 (NEMA) No. 107 of 1998.

1.1.2 This application form is the official form in terms of Regulation 13 (2) (a) of the EIA regulations R385 of 2006 and must accompany every licence application pertaining to waste activities in terms of NEMWA.

1.2 Where to submit applications

1.2.1 The Minister of Water and Environmental Affairs is the licensing authority in respect of all activities listed in both categories of Schedule 1 of NEMWA pertaining to hazardous waste. The application for a waste licence in terms of section 45 of the National Environment Management Waste Act 2008 (59 of 2008) for hazardous waste activities must be submitted by lodging an application with the National Department of Environment. The application must be marked for the attention of:

The Director: Authorisation and Waste Disposal Management
Private Bag X447
Pretoria 0001
Tel: 012 310 3920
Fax: 012 310 3753

1.2.2 The Member of the Executive Council of a province who is responsible for waste management in the province "MEC" is the licensing authority in respect of all activities listed in both categories of Schedule 1 of NEMWA pertaining to general waste. The application for a waste licence in terms of section 45 of the National Environment Management Waste Act 2008 (No. 59 of 2008) for general waste activities must be submitted by lodging an application with the relevant provincial department and applications must be marked for the attention of the Head of Department in the relevant province at the following addresses:

Head of the Department
Department of Environmental Affairs and Development Planning
Private Bag X 9086
CAPE TOWN
8000
Fax: 021 483 4425
Tel: 021 483 5109

Head of Department
Department of Economic Development and Environmental Affairs
Private Bag X 0054
BHISHO
5605
Fax: 040 609 4700
Tel: 040 609 4702

Head of Department
Department of Economic Development Tourism and Environment Affairs
Private Bag X 20801
BLOEMFONTEIN
9300
Fax: 051 400 4772
Tel: 051 400 4917

Head of Department
Department of Agriculture and Rural Development
P.O. Box 8769
JOHANNESBURG
2000
Fax: 011 333 0667
Tel: 011 355 1927

Head of Department
Department of Agriculture Environmental Affairs and Rural Development
Private Bag X 9059
PETERMARITZBURG
3200
Fax: 033 355 9593
Tel: 033 355 9621

Head of Department
Department of Economic Development, Environment and Tourism
Private Bag X 9484
POLOKWANE
0700
Fax: 015 291 5809
Tel: 015 291 5447

Head of Department
Department of Economic Development Environment and Tourism
Private Bag X 11219
NELSPRUIT
1200
Fax: 013 766 8445
Tel: 013 766 6063

Head of Department
Department of Agriculture, Conservation and Rural Development
Private Bag X 2039
MMABATHO
2735
Fax: 018 389 5006
Tel: 018 389 5341

Head of Department
Department of Environmental Affairs and Nature Conservation
Private Bag X 6102
KIMBERLEY
8300
Fax: (053) 807 7367

1.3 Making an Application

1.3.1 The applicant must fill in all relevant sections of this form. Incomplete applications will not be processed. The applicant will be notified of the missing information in the acknowledgement letter that will be sent within 14 days of receipt of the application. Sections in the form that do not apply to the applicant must be marked "not applicable"

1.3.2 There is no prescribed fee.

1.3.3 This application form is in effect as of 01 July 2009. It is the responsibility of the Applicant/Environmental Assessment Practitioner "EAP" to ascertain whether subsequent versions of the form have been published or produced by the licensing

authority. It is the applicant's responsibility to download the current version of the application form from the South African waste information centre website (www.sawic.org.za).

- 1.3.4 The application form may be submitted electronically **and** four hardcopies of the form must be submitted to the Directorate: Authorisation and Waste Disposal Management where the national department is the licensing authority. The applicant must contact the relevant provincial office regarding the number of copies required to process the application where provincial departments are the licensing authorities. All application forms must be signed as stipulated in the form. Applications that are not signed or completed accordingly will not be considered.
- 1.3.5 Where the national department is the licensing authority, all applications forms must be accompanied by four copies of reports and other documents required in terms of the EIA Regulations.
- 1.3.6 Where the provincial department is the licensing authority, all applications forms must be accompanied by the number of copies required by that province for reports and other documents required in terms of the EIA Regulations.
- 1.3.7 The applicant must clearly mark confidential sections of the information submitted in the application form and supporting documents. All other information will become public information on receipt by the licensing authority.

2. DEFINITIONS:

- 2.1 Definitions in this form are as per EIA Regulation in terms of Chapter 5 of the National Environmental Management Act, 1998 and waste management activities list in terms of the National Environmental Management: Waste Act 2008, No. 59 of 2008.

THE WASTE LICENSING APPLICATION PROCESS IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT: WASTE ACT 2008 (No. 59 of 2008) “NEMWA”.

3. THE WASTE LICENSING APPLICATION STAGES:

3.1 Stage 1: Pre-application

Before making an application:

- The applicant must appoint an EAP in terms of EIA regulations
- The EAP must comply with general requirements as given in EIA regulations
- The EAP may be disqualified in terms of EIA regulations

3.2 Criteria for determining whether basic assessment or scoping is to be applied to applications

3.2.1 Basic assessment must be applied to an application if the authorisation applied for is in respect of an activity listed in Category A in schedule 1 of the NEMWA (59 of 2008).

3.2.2 Scoping and EIA must be applied to an application if the authorisation applied for is in respect of an activity listed in Category B in schedule 1 of the NEMWA (59 of 2008).



WASTE LICENCE APPLICATION FORM

PART 2: APPLICATION FORM FOR NEW LICENCE



(For official use only)

File Reference Number: _____

Date Received: _____

Classification: _____

NEAS Reference Number: _____

WASTE LICENCE APPLICATION FORM
in terms of the National Environmental Management: Waste Act, 2008
(No. 59 of 2008)

THE APPLICATION FORM MAY BE TYPED OR HAND-WRITTEN.

SECTION 1 – TYPE OF APPLICATION AND FACILITY:

Is there an application associated with this application lodged with another Competent Authority?

YES ✓	NO
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If yes, provide the following details:
 Competent authority: DEA
 Reference number: 14/12/16/3/3/2/319
 Case officer's name & Contact details: M Litsoane
MLitsoane@environment.gov.za

Indicate the type of application by marking with a cross and fill in the required sections only

TYPE OF APPLICATION	MARK	SECTIONS OF THE FORM TO BE FILLED IN
A new licence	X	Part 2 and see table of activities below for relevant sections of part 2
A licence amendment		Part 3 and Part 2 only if there are changes to the information or the applicant holds a permit issued in terms of section 20 of ECA (No. 78 of 1989) as amended.
A licence for closure		Part 4, Section 2, 3a, 3b, & 3c. of part 2 of this application form

Indicate the type of facility/operation and fill in the required sections only

TYPE OF ACTIVITY	MARK	SECTIONS OF THE FORM TO BE FILLED IN
Recycling and/or recovery Facility		All except Section 8
Storage and or transfer Facility	X	All except Section 8
Treatment Facility	X	All except Section 8
Disposal Facility		All

Activities applied for

An application may be made for more than one listed or specified activity that, together, make up one development proposal. All the listed activities that make up this application must be listed.

INDICATE THE NO. & DATE OF THE RELEVANT NOTICE	ACTIVITY NUMBERS (AS LISTED IN THE WASTE MANAGEMENT ACTIVITY LIST)	DESCRIBE EACH LISTED ACTIVITY
GNR 718	Category A2	The refuelling and sanding facility at the compilation yard may have to store waste oils, filters, etc. from serviced locomotives. Wastewater from the washbay facility will also require storage. Low grade manganese mud from the stormwater retention dam may be stored in the stockpile yard. These wastes may be considered hazardous, and exceed 35 m ³ at any given time.
	Category A11	Stormwater runoff from the stockpile yard, which eventuates into a stormwater retention pond, may need to be treated (flocculant) prior to being re-used in the dust mitigation system for the stockpile yard. Annual throughput may exceed 2 000 to 15 000 m ³
	Category A18	The construction of facilities for activities listed in Category A.

NB: Authorisation issued will only cover activities applied for and listed above. Activities added in the middle or after the processing of this authorisation may mean a totally new application.

Application for Category A (equivalent to Basic Assessment)

Is this an application for a basic assessment (as defined in the EIA regulations)?

YES ✓	NO
YES	NO ✓

If, YES, is a basic assessment report attached?

If, NO, please ensure that it is submitted together with the basic assessment report (BAR)

A full EIA report has been prepared as part of the EIA process. This report will be submitted for adjudication of the Waste License.

Application for Category B (equivalent to Scoping and Environmental Impact Assessment (EIA))

Is this an application for Scoping and EIA (as defined in the EIA regulations)?

YES	NO ✓
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Please indicate when the Scoping Report and Plan of Study for EIA will be submitted:

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SECTION 2: SITE IDENTIFICATION, LOCATION AND LANDUSE

Please give a full description of the property on which the site is situated in terms of the Deeds Act

The proposed Manganese ore Export Facility will be located in the Coega Industrial Development Zone (Coega IDZ zoned industrial land use) and adjacent area (Remainder of Farm Tankatara Trust 643 zoned agricultural land use), located approximately 15 km north-east of Port Elizabeth, Nelson Mandela Bay Municipality (NMBM), Eastern Cape Province.

The proposed site for the manganese stockyard and handling facility including the doubling of the rail line is situated within Zones 8, 9, 13) of the Coega IDZ. The proposed site for the rail compilation yard is positioned within Zones 11 and 13 of the Coega IDZ, and on the Remainder of Farm Tankatara Trust 643 located to the north east of the Coega IDZ. Zone 8 specifically forms the southern-most extent of the IDZ. Given that the development footprint for the proposed Manganese Export Facility extends within and outside the boundary of the Coega IDZ, various landowners have been identified, as indicated in Table below.

Project Component	Location	Registered Landowner
Manganese Stockyard and Handling Facility	Zone 8	Transnet National Ports Authority
	Zone 9	CDC
Rail Compilation Yard and rail doubling	Zones 11 & 13	CDC, Transnet Freight Rail
	Remainder of Farm Tankatara Trust 643	Tankatara Properties (PTY) Ltd

Please indicate all the Surveyor-general Cadastral Code 21 digit site (erf/farm/portion) reference numbers:

Additional erf numbers appear in Appendix 5.

C	0	7	6	0	0	2	3	0	0	0	0	3	4	2	0	0	0	0	0
C	0	7	0	0	0	0	0	0	0	0	0	6	4	3	0	0	0	0	0

LEGEND:

1. Refers to the Surveyor's-General Office (T = Pretoria, F = Free State, C = Cape Town & N = Kwazulu-Natal)
2. Major Code (Registration Division)
3. Minor code
4. Property No (i.e. Farm No./Erf No./Holding Area No./Scheme No.)
5. Portion Number

If the property type is not surveyed, complete the following:

Full name of leader of village, community or tribal authority	N/A
Local Authority	N/A
Magisterial District	N/A
Tribal Authority/Council	N/A

Ownership of the property (mark only one with an X)

Property owned by applicant (100% Share value)		Property leased by applicant	X
Property owned by applicant (Share value less than 100%)		The property is communal land	

Type and Classification of the facility:

Size of facility for a waste management activity	Exact size to be determined during EIA process
Area where the waste management activity takes place	Zones 9 & 11, Coega iDZ and portion of Tankatara Farm
Classification of facility in terms of climatic water balance	N/A
Classification of facility in terms of the type and the quantity of waste received	Storage facility for hazardous waste; including waste oils, filters, waste water, manganese mud and others.

Current land-use where the site is situated:

Industrial		Recreation	
Agriculture	X (Tankatara)	Commercial	
Residential		Mining & quarrying	
Forestry		Wilderness areas	
Wetlands		Nature area	
Open spaces			

Other..... Special purposes (iDZ).....

	MARK YES/NO	SECTION IN THE REPORTS WHERE RELEVANT AUTHORISATION IS ATTACHED
Is a change of land-use or a consent use application required?	YES	Not attached at this stage.
Must a building plan be submitted to the local authority for approval?	YES	Not attached at this stage.

Geographical coordinates of the external corner points of the site:

Site - Manganese Stockyard	Latitude			Longitude		
Number of corner						
.....1.....	33°	46'	08"	25°	40'	23"
.....2.....	33°	46'	03"	25°	40'	18"
.....3.....	33°	46'	05"	25°	40'	13"
.....4.....	33°	46'	16"	25°	40'	09"
.....	°	'	"	°	'	"

Site - Coega Compilation Yard

Number of corner

	Latitude			Longitude		
.....1.....	33°	46'	52"	25°	42'	2"
.....2.....	33°	46'	52"	25°	42'	3"
.....3.....	33°	46'	54"	25°	42'	2"
.....4.....	33°	46'	54"	25°	42'	1"
.....	°	'	"	°	'	"

Detailed geographical coordinates are included in Appendix 5

Site Address:

Building Name or Number & Street	Site 1: Manganese Export Terminal, Port of Ngqura Street Site 2: Coega Compilation Yard		
City/Closest Town	Port Elizabeth		
Province	Eastern Cape		
Local Municipality	Nelson Mandela Bay Municipality (NMBM)		
District Municipality	Nelson Mandela Bay Municipality (NMBM)		
Postal address	Coega IDZ - Coega IDZ Business Centre, Corner Alcyon and Zibuko Street, Zone 1, Port Elizabeth		
Postal code:	6100	Cell:	082 657 4648
Telephone:	041 403 0400	Fax:	041 403 0401
E-mail:	andrea.vanholdt@coega.co.za		

SECTION 3: CONTACT INFORMATION

A) Person to contact about application (EAP)	Ronelle Claassen		
First name & Surname	Poltech EC (Pty) Ltd		
Company name (if any):	1996/008103/07		
Company Registration/Identity number for individuals	180 Pleasant Avenue, Theescombe,		
Physical address:	Port Elizabeth, 6008		
Postal address:	PO Box 28744, Sunridge Park,		
Postal code:	6008	Cell:	083 636 1156
			Port Elizabeth

Telephone:

041 379 5202

Fax:

086 617 0998

Email Address

angelap@poltech.co.za

B) First name & Surname of Applicant – (Person wishing to hold licence)

Company name (if any):

Rudie Basson

Transnet Capital Projects

Company Registration/Identity number for individuals

1990/000900/06

Physical address

Building 9 Harrowdene Office Park, Western Service Road,

Woodmead – Johannesburg, Gauteng, 2052

Postal address

Private Bag X20,

Gallo Manor

Postal code:

2052

Cell:

083 270 5613

Telephone:

011 239 5565

Fax:

011 612 4528

E-mail:

Rudie.basson@transnet.net

C) First name & Surname of Landowner where activity takes place

Company name (if any):

Allan Graham Zeiss

Coega Development Corporation (CDC)

Company Registration/Identity number for individual(s)

1982/003891/07

Physical address

Coega Business Centre

c/n Alcyon Road and Zibuko Street, Zone 1, Coega IDZ

Postal address

Private Bag X6009

Port Elizabeth

Cell:

082 655 0292

Telephone:

041 403 0421

Fax:

041 403 0401

E-mail:

themba.koza@coega.co.za

D) First name & Surname of Landowner where activity takes place

Company name (if any):

Gordon Lake

Tankatara Properties (Pty) Limited

Company Registration/Identity number for individual(s)

Tankatara Trust No 643

Physical address

Farm 643, Colchester

Postal address

P.O. Box 150, Colchester

6175

Cell:

Telephone:

041 468 087

Fax:

E-mail:

gordonc.lake@gmail.com

SECTION 4: PROCESS/ACTIVITY DESCRIPTION:

PROJECT TITLE

Scoping and Environmental Impact Assessment for the proposed waste management at the Compilation yard and the Stormwater retention dam at the Manganese Export Facility in the Coega Development Zone, Port of Ngqura, and Tankatara area.

Please provide a brief description of the activities and operations proposed at the site. Provide a flow chart of the operation showing all inputs and outputs of the process. Give particulars of the source, location, nature, composition and quantity of emission to the atmosphere, surface water, sewer, and ground-water including noise emissions. Solid waste must be in tons and specify units for liquids and gases.

Refer to Chapter 2 of the draft EIA report for further details

Site 1: Manganese Stockyard (Figure 1)

Transnet intends developing a new Manganese Facility at the Port of Ngqura in order to enable an increase in export volumes of manganese. The stockyards and associated infrastructure for the new terminal at the Port of Ngqura will be situated within the Coega Industrial Development Zone (IDZ) although some infrastructure (conveyors, surge bin and ship loader) will be located on land owned by Transnet National Ports Authority (TNPA). The throughput capacity of the terminal will be 16 Mtpa and will receive manganese from the existing rail link between Hotazel and Coega.

The manganese terminal facility will be composed of the following structures (Figure 1):

- _ One tippler.
- _ Additional rail infrastructure from the existing marshalling yard leading up to the tippler.
- _ Four stockyard lines (the total area of the stockyard will be in excess of 20 ha).
- _ Three stackers.
- _ Two reclaimers.
- _ Two shiploaders on the existing berths C100 and C101.
- _ Conveyors linking the tippler to the stockyard.
- _ Conveyors linking the stockyard to the ship loaders.
- _ A stormwater control dam at the stockyard (50 MI), including settling ponds located upstream of the dam.
- _ A stormwater control dam at the quay
- _ An access road
- _ Ancillary infrastructures

The components listed above will also be serviced by general infrastructure related to electricity, water, stormwater and sewage to accommodate offices and working areas.

Details on the stockyard stormwater control dam are as follows (Figures 2 to 4):

A stormwater drainage system has been designed such that it channels all water from the stockyards and surroundings into the Stormwater Control dam. The main function of the stormwater dam will be to collect stormwater runoff. The water from the dam will then be used to water the stockpiles as a dust control measure. Any runoff from the stockpiles will then again be channeled back to the stormwater control dam.

The stockpiles will be on impermeable surfaces, thus it is anticipated that mostly manganese particles and dust will be in the runoff. Two silt traps will allow manganese dust and solids to settle out before entering the main dam. The silt traps will be cleaned regularly. The solids will be recovered and it will depend on grain size and manganese content if the solids can be put back onto the stockpiles. Where the material would be considered of too low a grade to export it would be stored in a designated area in the stockyard. This type of waste is anticipated to be of small quantities allowing it to be collected and used as part of the sacrificial layer on the stockpiles.

The mud from the dam that will settle out with time will be collected once or twice a year. Depending on the composition of the mud, it will either be put back onto the stockpiles, stored in a designated area in the stockyard, or would be discarded to an approved disposal facility.

The waste classification for the Manganese mud has not been determined. At this stage the precautionary principle applies where the mud is considered a hazardous waste. A classification exercise will be done during the EIA process and possible changes to the waste activities will be made if required.

No chemical treatment plant for the re-use of the water in the stormwater retention dam is currently proposed, since the water will be in a closed circuit although filtering of solids from the water will be done. No release of the water to the municipal sewer will take place. If a significant amount of suspended solids is present in the water, a flocculant may be added to the stormwater dam to settle the solids. However, this is not wastewater, since the water will not be discharged and will be used as a dust control measure on the stockpiles.

Site 2: Proposed Compilation Yard (Figures 6 to 8):

A rail compilation yard is proposed to be located in zone 11 and zone 13 of the IDZ and on a portion of the Remainder of Farm Tankatara Trust 643. The proposed Compilation Yard comprises five yard lines with crossovers at third points, to allow for the consolidation and de-consolidation of up to five 246 wagon trains. Access to the Coega maintenance facilities is also provided from this yard. The yard is electrified at 25kV AC and tangential turnouts will be installed. The main compilation yard is fully signalled, the rolling stock maintenance portion of the yard has been provided with yard automated signalling.

Included in the yard is a wagon maintenance facility as well a diesel refuelling facility for locomotives including a sanding facility. Possible hazardous waste, e.g. waste oils, oil filters, greasy sand, and normal maintenance waste, will be generated and will require storage on site. In the compilation yard, a wagon wash bay must also be provided for the cleaning of wagons. A dirty/oily water treatment facility will be available and all waste water (possibly hazardous waste) will be stored on site. The waste water, waste oils and maintenance waste will be removed as and when required and disposal will be to a licensed disposal site.

SECTION 5: WASTE QUANTITIES

Indicate or specify types of waste and list the estimated quantities expected to be managed daily (should you need more columns, you are advised to add more)

Hazardous waste	Non-hazardous waste	Total waste handled (tonnes per day)
Low grade Manganese ore	General waste	May be more than 35 m ³ at any given time
Wastewater, waste oils, filters, contaminate gloves, etc.		May be more than 35 m ³ at any given time
	Contaminated stormwater (recycled)	Annual: 2000 to 15000 m ³

Source of information supplied in the table above Mark with an "X"

Determined from volumes

Determined with weighbridge/scale

Estimated

X

Recovery, Reuse, Recycling, treatment and disposal quantities:

Indicate the applicable waste types and quantities expected to be disposed of and salvaged annually:

TYPES OF WASTE	MAIN SOURCE (NAME OF COMPANY)	QUANTITIES	ON-SITE RECOVERY REUSE RECYCLING TREATMENT OR DISPOSAL	OFFSITE RECOVERY REUSE RECYCLING TREATMENT OR DISPOSAL	OFFSITE DISPOSAL
		M ³ /MONTH	method & location	method location and contractor details	
Contaminated stormwater	Stormwater retention dam	2000 to 15000 m ³	If required, flocculant addition Stormwater recycled on site (dust suppression system)		
Low grade Mn ore	Stormwater retention dam	> 35 m ³ at any given time	Recovered Manganese ore mud (silt particles retained at silt traps)	Co-disposal of non-recoverable ore mud	Enviroserv
Solid and oily waste	Washbay/Workshop at compilation yard and stockyard	> 35 m ³ at any given time	Overflow of oil/water separator to stormwater control dam for re-use	Recycling of used oil/lubricants Disposal of hazardous wastes (contaminated rugs, empty containers etc.)	Oilcol Enviroserv

Refer to Chapter 2 sections 2.3.12, 2.4.7 and 2.4.8 of the EIA report for additional information relating to waste types and quantities.

SECTION 6: GENERAL

Prevailing wind direction (e.g. NWW)

November – April	SW / SE
May - October	SW / SE

The size of population to be served by the facility

	Mark with "X"	Comment
0-499	N/A	Private company
500-9,999		
10,000-199,999		
200,000 upwards		

Indicate the geological formations underlying the site:

Granite	<input type="checkbox"/>	Quartzite	<input checked="" type="checkbox"/>
Shale	<input type="checkbox"/>	Dolomite	<input checked="" type="checkbox"/>
Sandstone	<input type="checkbox"/>	Dolerite	<input type="checkbox"/>

Other _____

SECTION 7: COMPETENCE TO OPERATE SITE

It is imperative that the holder of the waste licence is a fit person in terms of section 59 of the NEMWA (59 of 2008). To assess the holder's competence to operate the site, please disclose the following:

Legal compliance

YES/NO	DETAILS
YES	Transnet has not been found guilty of any offence. A Directive was however issued to Transnet in respect of the Port Elizabeth Manganese Terminal and tank farm on 26 May 2010 (DEA Reference: E439/04/09). All issues raised in the Directive were closed out with DEA.
NO	

Has the applicant ever been issued with a non-compliance notices or letters in terms of any South African Law?

YES	Transnet has not been found guilty of any offence. A Directive was however issued to Transnet in respect of the Port Elizabeth Manganese Terminal and tank farm on 26 May 2010 (DEA Reference: E439/04/09). All issues raised in the Directive were closed out with DEA.
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NB: Details required above include any information that the applicant wants the Department to take into consideration in determining whether they are a "fit and proper person" and this includes reasons why the offence happened and measures in place to prevent recurrence

Technical competence

What technical skills are required to operate the site?

A technical manager / operations manager will be responsible for the operation of the stormwater collection dam and the cleaning of the collection areas. The collection, storage and treatment on waste at the workshop will be the responsibility of the workshop manager. The day-to-day operations will be performed by semi-skilled and skilled personnel.

How will the applicant ensure and maintain technical competency in the operation of the site?

The overall responsibility for the management of waste will be assigned to a technical or operations manager. The nature of the position requires a technical degree or competence. Training of operators at the operations will be done by the company when there is a change in personnel

Details of applicant's experience and qualification along with that of relevant employees must be summarised as shown in the table below:

NAME	POSITION	DUTIES AND RESPONSIBILITIES	QUALIFICATIONS AND EXPERIENCE
Determined	Environmental Officer	Environmental management related to the terminal operations	Environmental (Health), Safety/SHERQ or equivalent qualification

Financial Provisions

Provide a plan of estimated expenditure for the following:

	ATTACHED/NOT ATTACHED	SECTION OF THE REPORT WHERE IT IS ATTACHED
Environmental Monitoring	Not attached	Refer to Chapter 8 for proposed groundwater monitoring A borehole network will be established at the terminal site whereas the compilation yard will be monitored through the activities detailed in the OMP to be established as part of commissioning
Provision and replacement of infrastructure	Not attached	Capital estimate at present includes R200 000 for construction of the bunded area for temporary storage of waste. Maintenance and replacement budgets will be established as part of the operational budgets.
Restoration and aftercare	Not attached	An allocation will be made in the operational budget.

SECTION 8: DECLARATIONS

The independent Environmental Assessment Practitioner

I, Noleen Chamberlain, declare under oath that I –

- act as the independent environmental assessment practitioner in this application ;
- do not have and will not have any financial interest in the undertaking of the activity, other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2006;
- have and will not have no vested interest in the proposed activity proceeding;
- have no, and will not engage in, conflicting interests in the undertaking of the activity;
- undertake to disclose, to the competent authority, any material information that have or may have the potential to influence the decision of the competent authority or the objectivity of any report, plan or document required in terms of the Environmental Impact Assessment Regulations, 2006;
- will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
- will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
- will keep a register of all interested and affected parties that participated in a public participation process; and
- will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not.

Signature of the Environmental Assessment Practitioner:

Noleen Chamberlain

Name of company:

Poltech EC

Date:

19 March 2013

Signature of the Commissioner of Oaths:

Date:

Designation:

Official stamp (Above)

The Applicant

I, Rudolph Johan Basson declare under oath that I -

- Am, or represent, the applicant in this application;
- appointed the environmental assessment practitioner as indicated above to act as the independent environmental assessment practitioner for this application;
- will provide the environmental assessment practitioner and the competent authority with access to all information at my disposal that is relevant to the application;
- will be responsible for the costs incurred in complying with the Environmental Impact Assessment Regulations, 2006, including but not limited to –
- costs incurred in connection with the appointment of the environmental assessment practitioner or any person contracted by the environmental assessment practitioner;
- costs incurred in respect of the undertaking of any process required in terms of the regulations;
- costs in respect of any fee prescribed by the Minister in respect of the regulations;
- costs in respect of specialist reviews, if the competent authority decides to recover costs; and
- the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the competent authority;
- will ensure that the environmental assessment practitioner is competent to comply with the requirements of these regulations;
- am responsible for complying with the conditions of any environmental authorisation issued by the competent authority;
- hereby indemnify, the government of the Republic, the competent authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action for which the applicant or environmental assessment practitioner is responsible in terms of these regulations; and
- will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to an appeal being decided in terms of these regulations.

Signature of Applicant



Name of company:

Transnet SOC Limited

Date:

25/3/2013

Signature of the Commissioner of Oaths:

Date:

Designation:

The Land owner (If the landowner is different from the Applicant)

I, ALLAN GRAHAM ZEISS declare under oath that I -

- am, aware of the waste management activity (ies) to take place or taking place in my property;
- Consented to this/ these activity (ies) taking / to take place in my property hereby indemnify, the government of the Republic, the competent authority and all its officers, agents and employes, from any liability arising out of the content of any report, any procedure or any action for which the applicant or environmental assessment practitioner is responsible in terms of these regulations; and
- will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to an appeal being decided in terms of these regulations.

[Signature]
Signature of Land owner

COEGA DEVELOPMENT CORPORATION (PTY) LTD
Name of company:

10 MAY 2012
Date:

Signature of the Commissioner of Oaths:

[Signature]

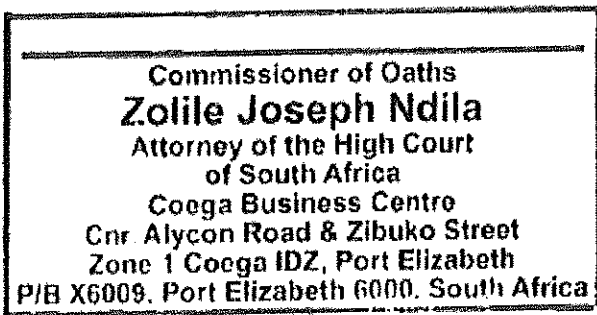
Date:

10/05/2012

Designation:

Legal Manager

Official stamp (Above)



The Land owner (If the landowner is different from the Applicant)

I, Gordon Christie Lake declare under oath that I -

- am, aware of the waste management activity (ies) to take place or taking place in my property;
- Consented to this/ these activity (ies) taking / to take place in my property hereby indemnify, the government of the Republic, the competent authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action for which the applicant or environmental assessment practitioner is responsible in terms of these regulations; and
- will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to an appeal being decided in terms of these regulations.

[Signature]
Signature of Land owner

DIRECTOR

TANIGATA PROPERTIES Pty LTD
Name of company:

12-05-2012
Date:

[Signature]
Signature of the Commissioner of Oaths:

[Signature]

2012-05-11

[Signature] Par
Date:

Designation:
COMMUNITY SERVICES OFFICER
2012-05-11
Official stamp (Above)

APPENDICES

Appendix A1	Pg 24
Appendix B1	Pg 25
Appendix 3	Pg 26
Appendix 4	Pg 27
Appendix 5	Pg 28
Appendix 6.....	Pg 33

APPENDIX: A1

Information needed when applying for scheduled activities listed under Category A, but is not limited thereto:

Basic Assessment Report which must include supplementing documentation such as:

- Description of the environment that may be affected by the proposed activity and the manner in which the geographical, physical, biological, social, economic and cultural aspects of the environment may be affected by the proposed activity
- Description of significant environmental impacts, including cumulative impacts, that may occur as a result of the undertaking of the activity
- Conducting public participation as outlined in EIA Regulations
- Waste disposal facility designs
- Closure plan (report)
- Operational plan
- All applicable legislation, policies and/or guidelines
- End-use plan (only apply to site landfill closure)
- Closure/Remedial designs (only apply to the landfill closure)
- Latest external audit report (only apply for permit amendment)
- Application and report documents (four hard copies for all applications)
- A3 size layout plans (four hard copies for all applications)
- Landfill conceptual designs (only apply for construction and decommissioning of landfill sites)
- Geo-hydrological report (only apply to landfill sites, storage facilities and treatment of waste)
- Consideration of alternatives
- Description of mitigation measures and risk assessment
- Any inputs made by specialists to the extent that may be necessary
- Any specific information as may be required by the competent authority

Information needed when applying for scheduled activities listed under Category B, but is not limited thereto:

Scoping and Environmental Impact Assessment Report which should include:

Description of the environment that may be affected by the proposed activity and the manner in which the geographical, physical, biological, social, economic and cultural aspects of the environment may be affected by the proposed activity

Description of significant environmental impacts, including cumulative impacts, that may occur as a result of the undertaking of the activity

Conducting public participation as outlined in EIA Regulations

Closure plan (report)

Operational plan

Waste disposal facility designs

End-use plan (only apply to site closure)

Closure/Remedial designs (only apply to site closure)

Latest external audit report (only apply to permit amendment)

Application and report documents (four hard copies for all applications)

A3 size layout plans (four hard copies for all applications)

Landfill conceptual designs

Geo-hydrological report (only apply to landfill sites, storage and treatment of waste)

Consideration of alternatives

Description of mitigation measures and risk assessment

Any inputs made by specialists to the extent that may be necessary

Any specific information as may be required by the competent authority

Plan of study for environmental impact assessment which must among others include:

Description of the tasks to be undertaken as part of the environmental impact assessment process, including specialist report or specialized processes, and a manner in which such tasks will be undertaken

An indication of stages of stages at which the competent authority will be consulted

Description of methods for assessing issues and alternatives, including the no-go alternative

Particulars of participation process that will be conducted during the EIA process

NB: Compilation of EIA report must be based on tasks outlined in the Plan of Study for EIA, and the below listed reports must also be attached.

Draft environmental management plan (only apply to EIA reports. No draft EMP should be included in the scoping report)

Copies of any specialist reports and specialized processes (only apply to EIA reports. No copies of specialist studies and specialized processes should be included in the scoping report)

APPENDIX B1: ADDITIONAL INFORMATION

The following **MUST** be included in the application as supporting documentation and the applicant must indicate specific section(s) where they are appended in the reports.

REQUIRED PIECE OF INFORMATION	SECTION IN THE REPORTS WHERE IT CAN BE FOUND	COMMENTS (If any)
1. Extremely clear Google Earth colour picture of the site (dated not more than a month from the date of the application)	Appendix 6	
2. 1:50 000 topography /topo-cadastral map of the area showing	Refer to Appendix C of the EIA Report and Appendix 6 Figure 1a	
2.1 the site and 5km radius		
2.2 Existing residential and industrial areas		
2.3 Possible future development (indicate the type of development)		
2.4 Other waste handling sites (existing or closed) in the area		
2.5 Existing and possible future residential areas.		
2.7 Sites which are listed as national monuments or archaeological, paleontological and cultural historical sites or objects worthy of conservation;	Refer to Chapter 14 of the EIA Report	
3. Security and access aspects of the site	Storage area will be locked	
4. The site plan drawn to scale showing the site's boundary showing:	Refer to Appendix 6	
4.1 Activities or development existing on all 4 directions of the site.	Refer to Appendix 6	
4.2 Waste receipt, storage and handling areas	Refer to Appendix 6	
4.3 impermeable surfaces	Storage will be bunded and on an impermeable surface	
4.4 Sealed drainage systems	The sealed system terminates in the storm water dam	
4.5 Drainage system for the site including sumps and discharge points	No sumps/discharge points from the wastes storage areas Stormwater around the Mn stockyard will be collected in the stormwater system and returned to the stormwater control dam	
4.6 Road names and access from all major roads in the area	R344	
4.7 Land Owner's consent (letter with signature)	Refer to Section 8	
5. Waste hierarchy implementation plan	Refer to Chapter 2 A formal plan will be prepared during detailed engineering design	
6. Emergency preparedness plan	A formal plan will be prepared during detailed engineering design	

APPENDIX 3: LANDOWNERS CONTACT DETAILS

Landowner:	Coega Development Corporation (CDC)		
Contact person:	Themba Koza		
Postal address:	Private Bag X6009 Port Elizabeth		
Postal code:	6000	Cell:	082 655 0292
Telephone:	041 403 0421	Fax:	041 403 0401
E-mail:	themba.koza@coega.co.za		
Landowner:	Transnet Properties (Transfer of properties still in process)		
Contact person:	Eddie Seaton		
Postal address:	P.O. Box 72501, Parkview, South Africa		
Postal code:	2122	Cell:	
Telephone:	011 308 2417	Fax:	
E-mail:	eddie.seaton@transnet.net		
Landowner:	Transnet National Ports Authority (Port of Ngqura)		
Contact person:	Neil Chetty		
Postal address:	P.O. Box 162, Port Elizabeth		
Postal code:	6000	Cell:	
Telephone:	041 507 1900	Fax:	
E-mail:	Neil.chetty@transnet.net		
Landowner:	Tankatara Properties (Pty) Limited		
Contact person:	Gordon Lake		
Postal address:	PO Box 150, Colchester		
Postal code:	6175	Cell:	
Telephone:	041 468 0087	Fax:	
E-mail:	gordon.lake@gmail.com		
Landowner:	Transnet Freight Rail		
Contact person:	Neo Maseba		
Postal address:	3rd Floor, Inyanda House 2, Johannesburg, Parktown		
Postal code:	2193	Cell:	083 465 6075
Telephone:	011 584 0702	Fax:	
E-mail:	Neo.mosebo@transnet.net		

APPENDIX 4: ORGAN OF STATE CONTACT DETAILS

Provincial Authority:	Department of Economic Development, Environmental Affairs and Tourism		
Contact person:	Andries Struwig		
Postal address:	Private Bag X5001 Greenacres		
Postal code:	6057	Cell:	079 503 1762
Telephone:	041 508 5800	Fax:	041 585 1958
E-mail:	Andries.Struwig@deaet.ecape.gov.za		

Provincial Authority:			
Contact person:			
Postal address:			
Postal code:			
Telephone:			
E-mail:			

APPENDIX 5: ERF numbers and geographical coordinates

Additional surveyor-general 21 digit site (erf/farm/portion) reference numbers affected by the proposed manganese ore export facility

Compilation Yard and Doubling of Railway

C	0	7	6	0	0	2	3	0	0	0	0	0	3	2	9	0	0	0	0
C	0	7	6	0	0	0	0	0	0	0	0	0	6	4	3	0	0	0	0
C	0	7	6	0	0	0	0	0	0	0	0	0	2	1	9	0	0	0	3
C	0	7	6	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	6
C	0	7	6	0	0	2	3	0	0	0	0	0	2	4	6	0	0	0	0
C	0	7	6	0	0	2	3	0	0	0	0	0	2	4	9	0	0	0	0
C	0	7	6	0	0	2	3	0	0	0	0	0	2	9	2	0	0	0	0
C	0	7	6	0	0	2	3	0	0	0	0	0	2	9	0	0	0	0	0
C	0	7	6	0	0	2	3	0	0	0	0	0	2	8	5	0	0	0	0
C	0	7	6	0	0	2	3	0	0	0	0	0	2	8	3	0	0	0	0
C	0	7	6	0	0	2	3	0	0	0	0	0	2	8	9	0	0	0	0
C	0	7	6	0	0	2	3	0	0	0	0	0	2	7	3	0	0	0	0
C	0	7	6	0	0	2	3	0	0	0	0	0	2	9	1	0	0	0	0
C	0	7	6	0	0	2	3	0	0	0	0	0	2	6	7	0	0	0	0
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C	0	7	6	0	0	2	3	0	0	0	0	0	2	6	3	0	0	0	0
C	0	7	6	0	0	2	3	0	0	0	0	0	2	6	2	0	0	0	0
C	0	7	6	0	0	2	3	0	0	0	0	0	2	6	5	0	0	0	0
C	0	7	6	0	0	2	3	0	0	0	0	0	2	7	1	0	0	0	0
C	0	7	6	0	0	2	3	0	0	0	0	0	2	7	7	0	0	0	0

Waste Sites Coordinates

Terminal Hazardous Wastes

Corner	E	S
1	25° 40' 8.955"	33° 46' 13.2"
2	25° 40' 9.147"	33° 46' 13.513"
3	25° 40' 8.436"	33° 46' 13.816"
4	25° 40' 8.25"	33° 46' 13.504"

Terminal Domestic Wastes

Corner	E	S
1	25° 40' 8.246"	33° 46' 13.506"
2	25° 40' 8.434"	33° 46' 13.819"
3	25° 40' 8.05"	33° 46' 13.981"

4	25° 40' 7.863"	33° 46' 13.678"
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Terminal Stormwater Control Dam (total footprint including treatment facilities and drying beds)

Corner	E	S
1	25° 40' 18.62"	33° 45' 58.395"
2	25° 40' 11.949"	33° 45' 1.265"
3	25° 40' 8.92"	33° 45' 56.503"
4	25° 40' 15.637"	33° 45' 53.646"

Compilation Yard Workshop Hazardous Wastes

Corner	E	S
1	25° 42' 1.869"	33° 41' 53.944"
2	25° 42' 2.186"	33° 41' 54.645"
3	25° 42' 1.759"	33° 41' 54.597"
4	25° 42' 1.856"	33° 41' 53.952"

Compilation Yard Workshop Domestic Wastes

Corner	E	S
1	25° 42' 2.177"	33° 41' 54.649"
2	25° 42' 2.124"	33° 41' 55.01"
3	25° 42' 1.701"	33° 41' 54.958"
4	25° 42' 1.754"	33° 41' 54.593"

Compilation Yard Offices Domestic Wastes

Corner	E	S
1	25° 41' 57.881"	33° 42' 2.699"
2	25° 41' 57.884"	33° 42' 3.055"
3	25° 41' 57.471"	33° 42' 3.055"
4	25° 41' 57.474"	33° 42' 2.702"

APPENDIX 6: Maps

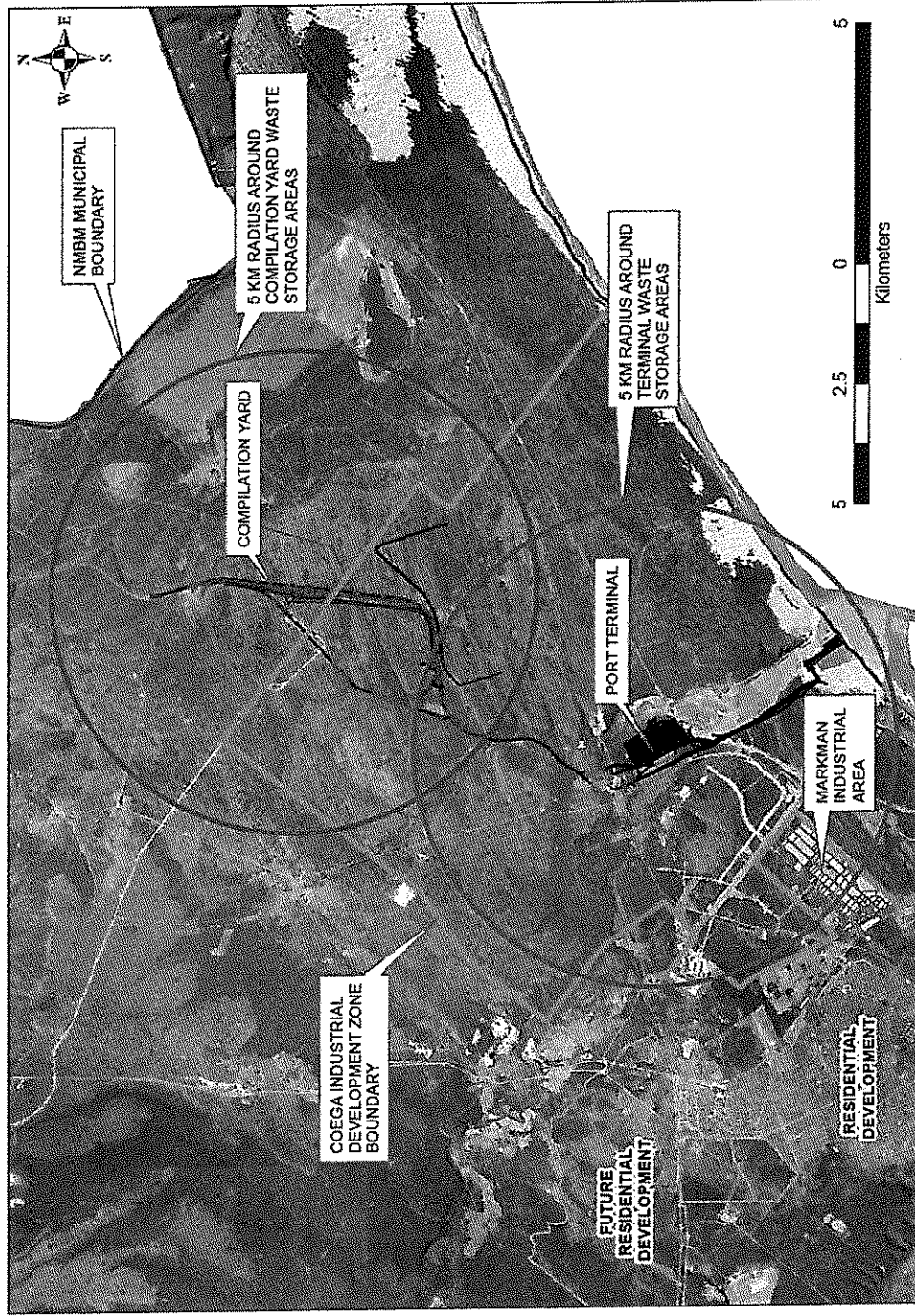


Figure 1a: Locality map of the proposed Manganese stockyard and compilation yard (red circles = 5km radius)

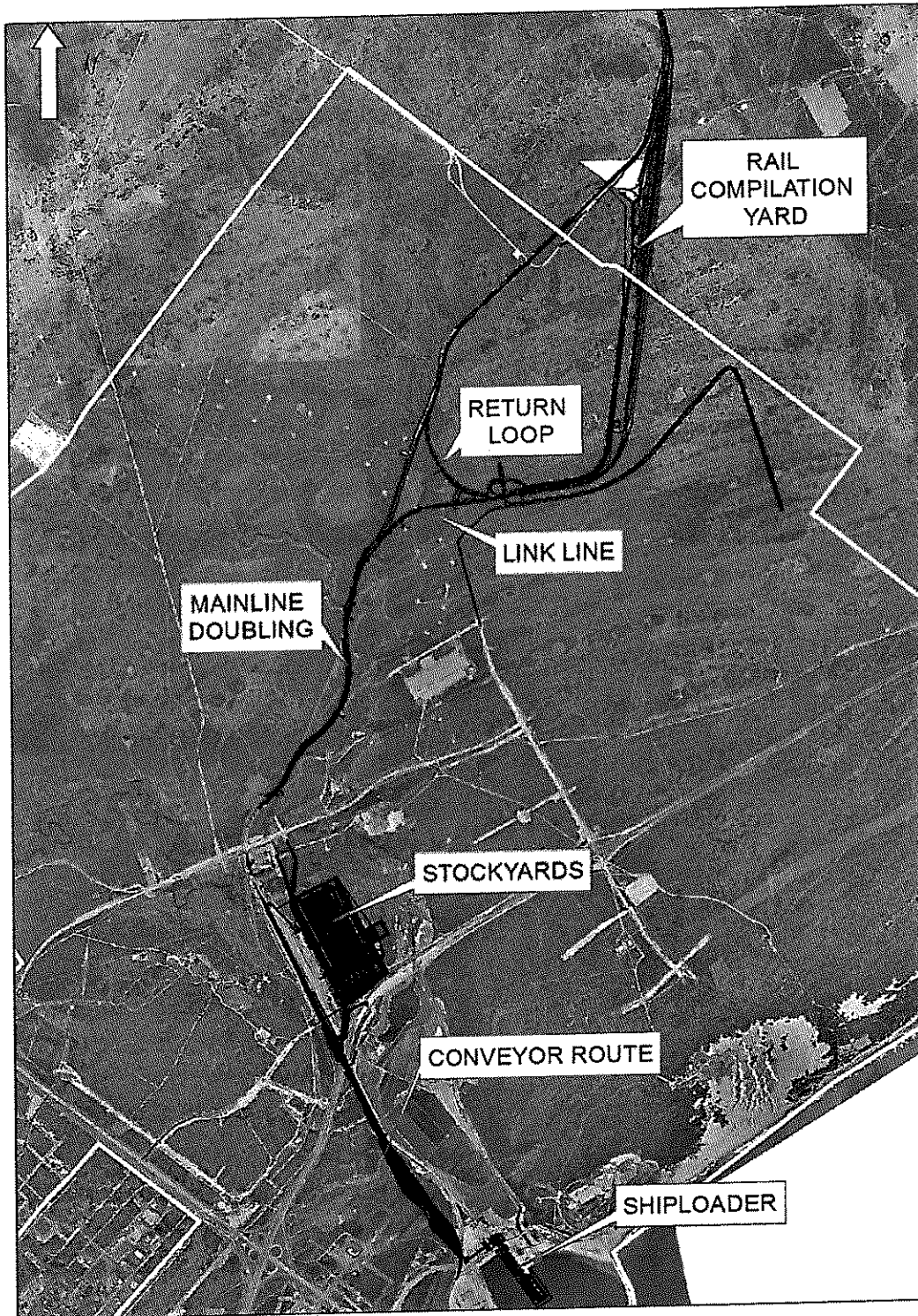


Figure 1b: Locality map of the proposed Manganese stockyard and compilation yard (1:70,000 scale.)

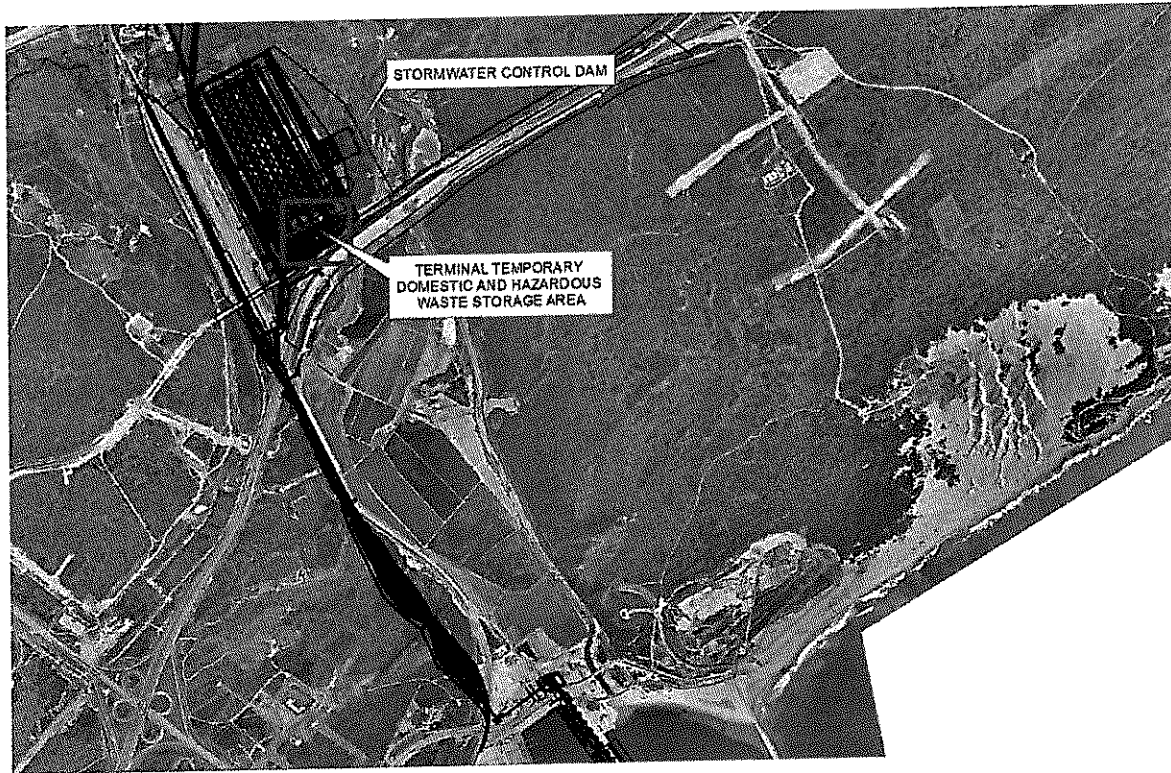


Figure 2: Locality map of the proposed Manganese stockyard and the Stormwater control dam (1:25,000 scale)



Figure 3: Locality map of the proposed Stormwater control/retention dam near the stockyard

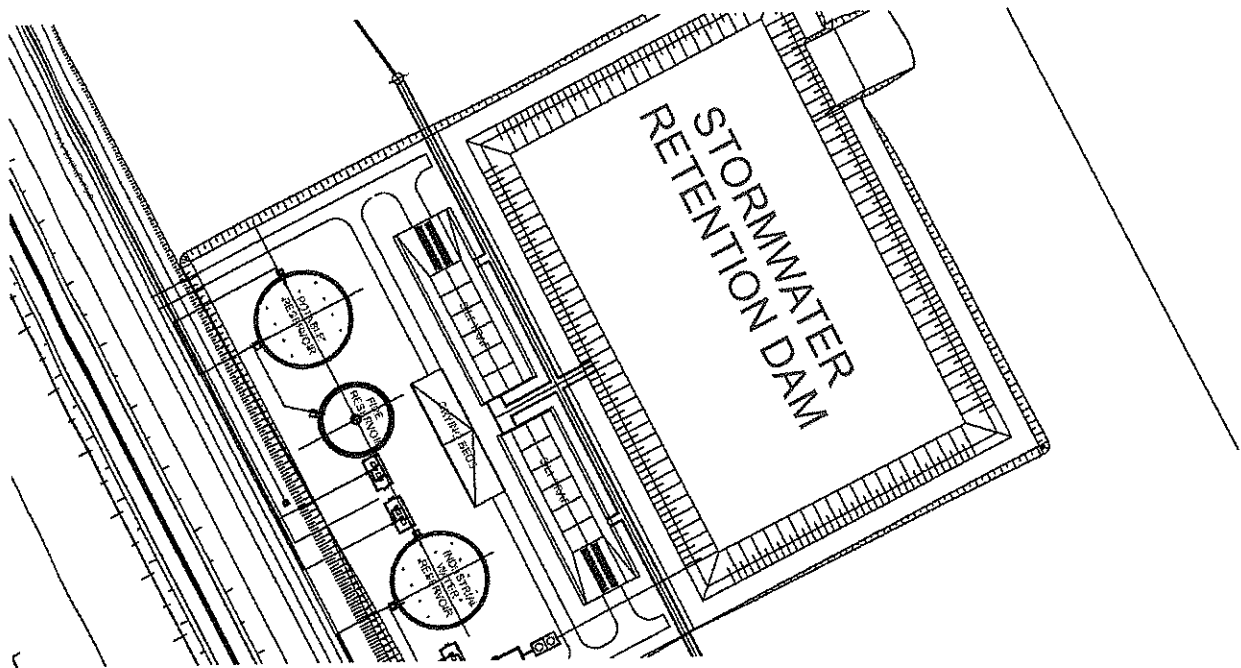


Figure 4: Components of the proposed Stormwater control/retention dam near the stockyard (1:1,000 scale)

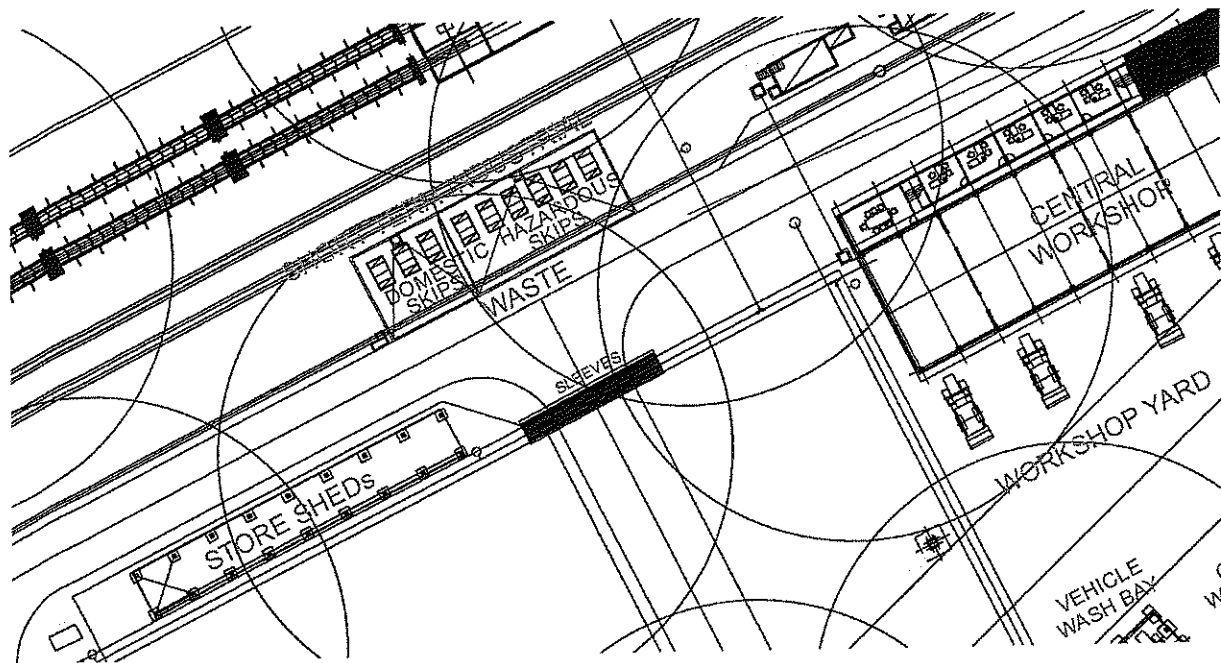


Figure 5: Proposed domestic and hazardous wastes storage areas at the port terminal (1:300 scale)

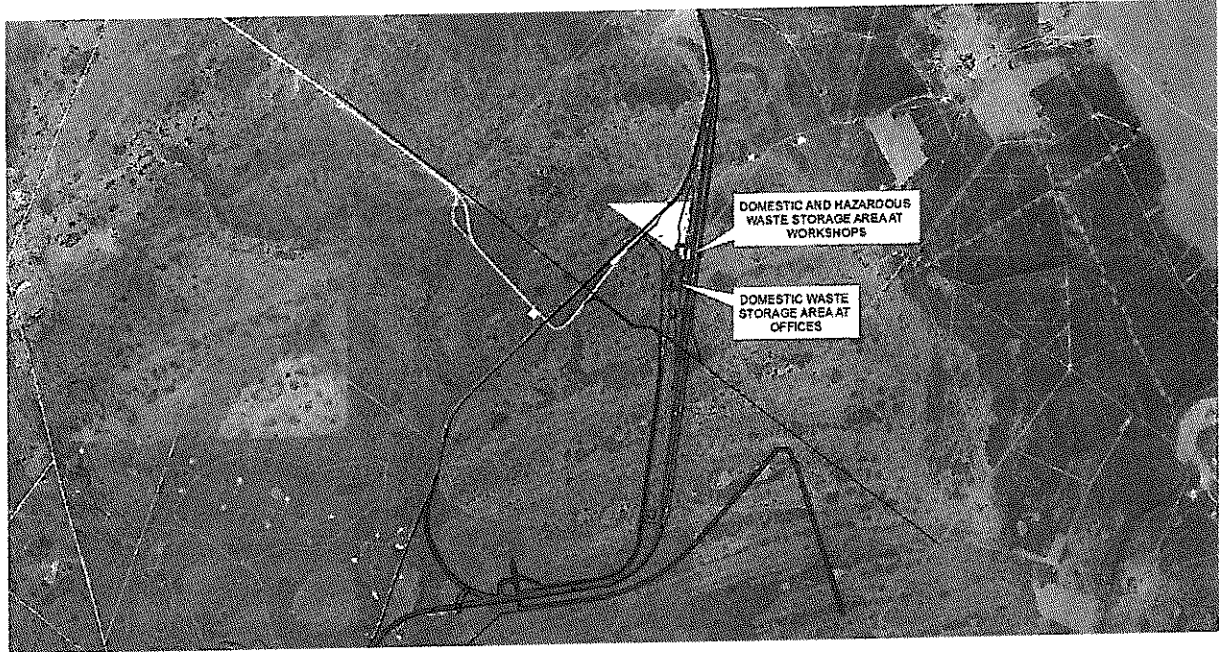


Figure 6: Locality map of the proposed compilation yard (1:30,000 scale)

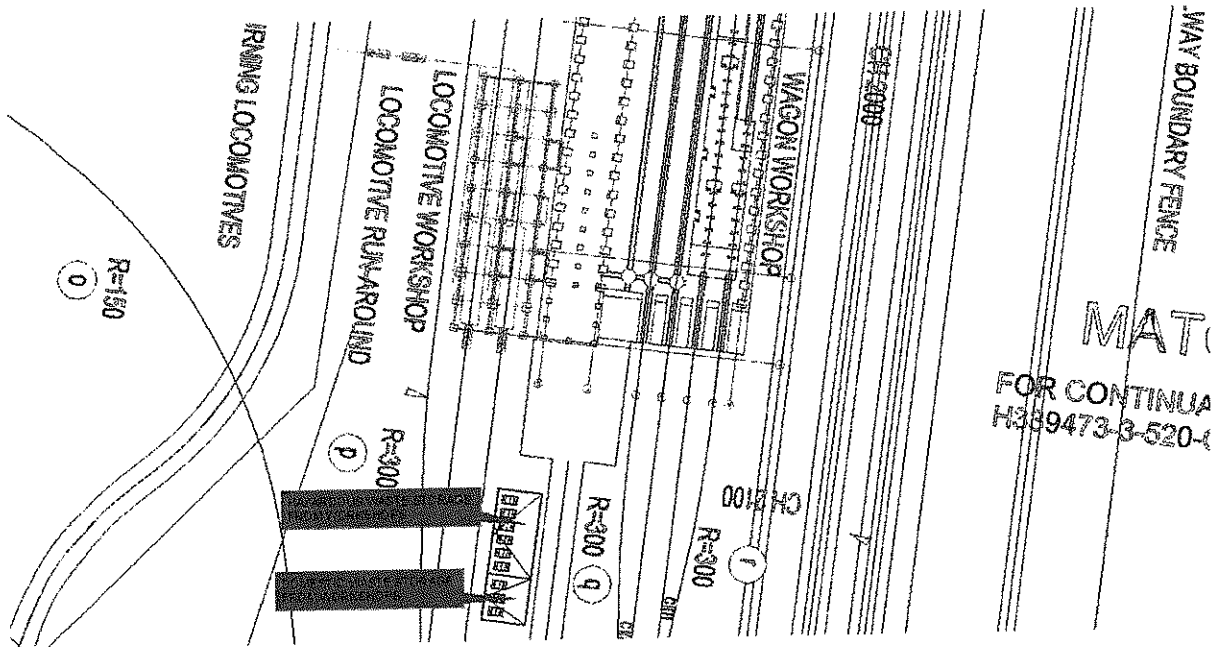


Figure 7: Components of the proposed general and hazardous wastes storage area at the compilation yard workshops (1:800 scale)

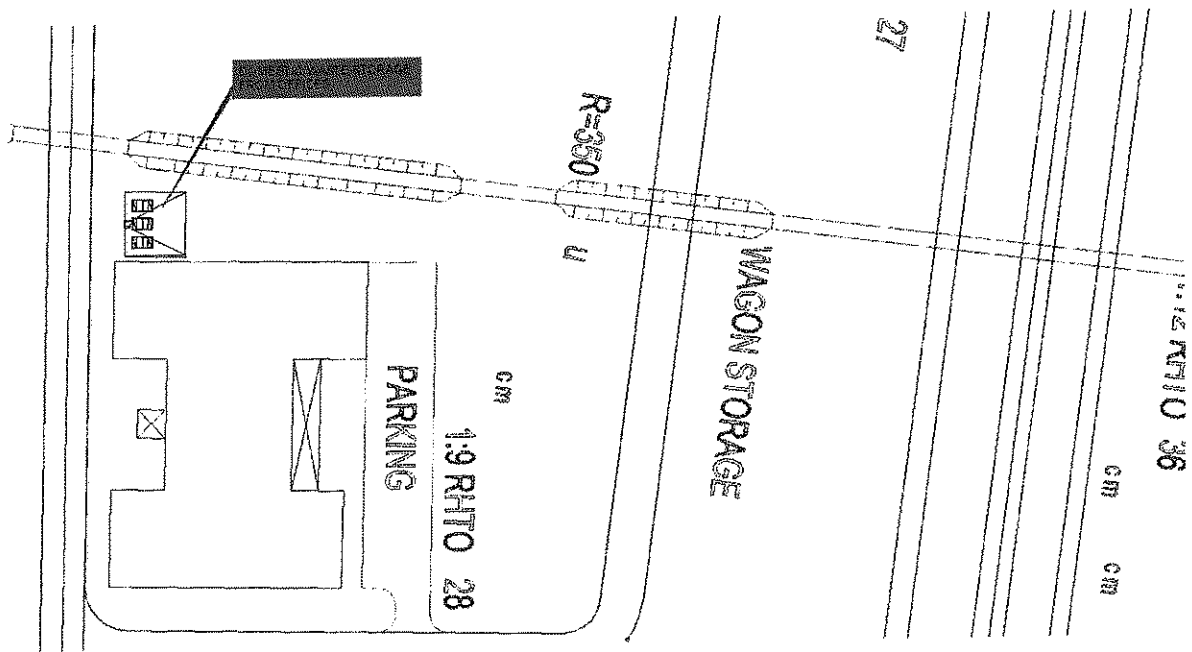


Figure 8: Components of the proposed general wastes storage area for office wastes at the compilation yard (1:800 scale)