



**environment, forestry
& fisheries**

Department: Environment, Forestry
and Fisheries
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR DECOMMISSION OF WASTE MANAGEMENT ACTIVITY

| | |
|------------------------|-------------------------|
| | (For official use only) |
| File Reference Number: | 12/9/11 |
| NEAS Reference Number: | |
| Date Received: | |

Application for authorisation in terms of the National Environmental Management: Waste Act, 2008(Act No.59 of 2008), as amended and the Environmental Impact Assessment Regulations, 2014, as amended

PROJECT TITLE

Closure of the CDR Slimes Dam at Middelburg Ferrochrome

PROJECT DESCRIPTION

The Samancor Middelburg Ferrochrome (MFC) facility, situated in Middelburg, Mpumalanga, was established in 1964 to produce Ferrochrome for use in the production of steel.

Until the year 2000, a process known as Chrome Direct Reduction (CDR) was undertaken, whereby chrome ore is brought into contact with finely divided coal at high temperature. During the CDR process a dust is produced as waste, which is captured with water sprays producing a slimes material of high moisture content. In the 1990's to the year 2000, MFC disposed of this CDR dust, known as CDR slimes, at a constructed disposal area located to the west of the MFC production facility. The CDR Slimes facility is licensed in terms of water use 21 (g) of the National Water Act, and the facility has been out of commission since the year 2000.

MFC wishes to apply for the formal decommissioning / closure of this facility in line with legislation. There are no intentions to use the facility in the future. The preferred alternative is that the CDR slimes material is removed to appropriate waste facilities, and the footprint area rehabilitated.

At an estimated in-situ density of 1.8 t/m³ this will entail removal of approximately 216 000 t of CDR waste.

Kindly note that:

1. This application form is current as of 01 April 2014. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been published or produced by the competent authority.
2. The application must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces

are provided in tabular format and will extend automatically when each space is filled with typing.

3. Where applicable **black out** the boxes that are not applicable in the form.
4. Incomplete applications may be returned to the applicant for revision.
5. The use of the phrase "not applicable" in the form must be done with circumspection. Should it be done in respect of material information required by the competent authority for assessing the application, it may result in the rejection of the application as provided for in the Regulations.
6. This application must be handed in at the offices of the relevant competent authority as determined by the Act and regulations.
7. Unless protected by law, all information filled in on this application will become public information on receipt by the competent authority. Any interested and affected party should be provided with the information contained in this application on request, during any stage of the application process.
8. Should a specialist report or report on a specialised process be submitted at any stage for any part of this application, the terms of reference for such report must also be submitted.
9. The payment of a fee for the processing of environmental impact assessment applications in terms of sections 24(5)(c), 24M and 44 the National Environmental Management Act, 1998 (Act No. 107 of 1998) ("NEMA") will be applicable from 01 April 2014.

Queries must be addressed to the contact hereunder:

Departmental Details

Postal address:

Department of Environment, Forestry and Fisheries
Attention: Director: Licensing
Private Bag X447
Pretoria
0001

Physical address:

Department of Environment, Forestry and Fisheries
Environment House
476 Steve Biko Road
Pretoria
0002

Application queries should be directed to the Sub-Directorate: Waste Licensing Systems
Management on:

Tel :012 399 9791

FEES¹

Department of Environmental Affairs details for the payment of application fees

Banking details:

ABSA Bank
Branch code: 632005
Account number: 1044 2400 72
Current account
Reference number :Waste License (important to quote this when making payment)

Forward proof of payment to:

Email: wastelicense@environment.gov.za
Application reference number to be sent with proof of payment

Payment Enquiries:

Contact person: Lucas Mahlangu

¹Applicants must pay a fee for the processing of environmental impact assessment in terms of sections 24(5)(c), 24M and 44 the National Environmental Management Act, 1998 (Act No. 107 of 1998) ("NEMA"). A flat rate of **R2 000** is charged for basic assessment (BA) and amendment of environmental authorisations applications and **R10 000** for scoping and an environmental impact assessment applications (Scoping EIA)

Tel: 012 399 9791
Email: wastelicense@environment.gov.za

Tax exemption status:
Status: Tax exempted

Exclusions:

An applicant is excluded from paying fees if:

- The activity entails the rehabilitation of wetlands;
- The activity is a community based project funded by a government grant; or
- The applicant is an organ of state.

Applicants are required to tick the appropriate box below and ensure that the application form is accompanied by proof of payment OR proof and motivation if an exclusion applies:

Proof attached ☒

Exclusion applies ☐

| Type of exclusion | Tick which exclusion is applicable. Proper motivation must be provided if any option is chosen. |
|--|--|
| The activity entails the rehabilitation of wetlands | |
| The activity is a community based project funded by a government grant | |
| The applicant is an organ of state. | |

Details of Current License: [CDR facility has no WML](#)

Other waste licences held by MFC are:

- [Slag Disposal Facility \(12 / 9 / 11 / L834 / 6\)](#)
- [Decommissioning of Kloof dump \(12 / 9 / 11 / P105 / R1\)](#)

| | |
|--|--|
| Current License or Permit reference number | CDR does not have a WML, only licenced as a 21(g) Water Use Licence 04/B12D/G/1193 |
|--|--|

SECTION 1: 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 and examples of the address are:

- Portion 49 (portion of Portion 27) of the farm Brandbach 471 JR
- -Remainder of the farm Klaver Valley 356
- -Remaining Extend of Portion 6 of the farm Klaver Valley 356
- -Sub 36 (sub of Sub 24) of the farm Weltevreden 1017
- -Plot 10 of Hunters Hill Agricultural holdings
- -Portion 1 of Erf 155, Dendron Township

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T | O | J | S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 8 | 7 | 0 | 0 | 2 | 8 | 0 |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |

Size of Site and Classification

| | |
|--|---------------------|
| Size of facility for a waste management activity | 22 ha |
| Classification of facility in terms of climatic water balance | Negative |
| Classification of Facility in terms of the type and the quantity of waste received | Class A and Class C |

Current land-use where the site is situated:

| | | | |
|-------------|-------------------------------------|--------------------|--------------------------|
| Industrial | <input checked="" type="checkbox"/> | Recreation | <input type="checkbox"/> |
| Agriculture | <input type="checkbox"/> | Commercial | <input type="checkbox"/> |
| Residential | <input type="checkbox"/> | Mining & quarrying | <input type="checkbox"/> |
| Forestry | <input type="checkbox"/> | Wilderness areas | <input type="checkbox"/> |
| Wetlands | <input type="checkbox"/> | Nature area | <input type="checkbox"/> |
| Open spaces | <input type="checkbox"/> | | |

Other.....

| | MARK YES/NO | SECTION IN THE REPORTS WHERE RELAVANT AUTHORISATION IS ATTACHED |
|--|-------------|---|
| Is a change of land-use or a consent use application required? | No | |
| Must a building plan be submitted to the local authority for approval? | No | |

Geographical coordinates of the external corner points of the site:

| Number of corner | Latitude | | | | Longitude | |
|------------------|----------|-----|--------|-----|-----------|--------|
| | 25° | 48' | 19.79" | 29° | 29' | 10.29" |
| | 25° | 48' | 42.45" | 29° | 29' | 18.40" |
| | 25° | 48' | 44.78" | 29° | 29' | 11.81" |
| | 25° | 48' | 28.32" | 29° | 28' | 59.28" |

SECTION 2: PROCESS/ACTIVITY DESCRIPTION:

Project Title Closure of the CDR Slimes Dam at Middelburg Ferrochrome

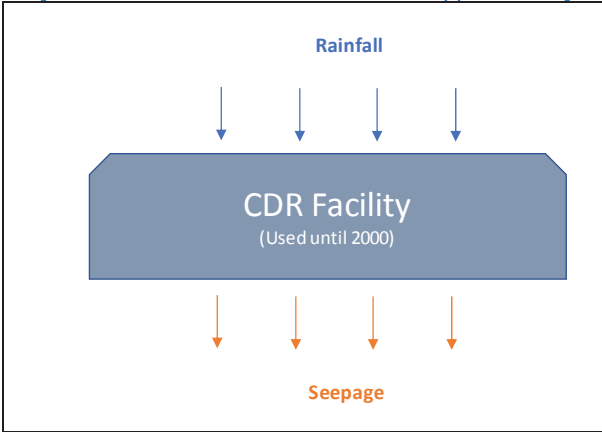
Please provide a brief description of the activities and operations at the site. Provide a flow chart of the operation showing all inputs and outputs of the process. Give particulars of the source, location, nature, composition and quantity of emission to the atmosphere, surface water, sewer, and ground-water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

The Samancor Middelburg Ferrochrome (MFC) facility, situated in Middelburg, Mpumalanga, was established in 1964 to produce Ferrochrome for use in the production of steel.

Until the year 2000, a process known as Chrome Direct Reduction (CDR) was undertaken, whereby chrome ore is brought into contact with finely divided coal at high temperature. During the CDR process a dust is produced as waste, which is captured with water sprays producing a slimes material of high moisture content. In the 1990's to the year 2000, MFC disposed of this CDR dust, known as CDR slimes, at a constructed disposal area located to the west of the MFC production facility. The CDR Slimes facility is licensed in terms of water use 21 (g) of the National Water Act, and the facility has been out of commission since the year 2000.

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At an estimated in-situ density of 1.8 t/m³ this will entail removal of approximately 216 000 t of CDR waste.



Site Address:

| | | | |
|-------------------------|---------------------------------------|-------|--------------|
| Building Name or Number | Samancor Middelburg Ferrochrome (MFC) | | |
| Street | Hendrina Road, Middelburg | | |
| City/Closest Town | Middelburg | | |
| Province | Mpumalanga | | |
| Local Municipality | Steve Tshwete Local Municipality | | |
| District Municipality | Nkangala District Municipality | | |
| Postal address | Private Bag X251846 | | |
| | Middelburg | | |
| | | | |
| Postal code: | 1200 | Cell: | 071 684 6975 |
| Telephone: | 013 249 4402 | Fax: | |
| E-mail: | Willie.botha@samancorcr.com | | |

SECTION 3: CONTACT INFORMATION

| | | | |
|--|--------------------------------|-------|--------------|
| A) Person to contact about application (EAP) | | | |
| First name & Surname | Tania Oosthuizen | | |
| Company name (if any): | Knight Piésold (Pty) Ltd | | |
| Company Registration/Identity number for individuals | 1995/012742/07 | | |
| | | | |
| Physical address: | 4 De la Rey Road | | |
| | Rivonia, Gauteng, 2128 | | |
| Postal address: | PO Box 221 | | |
| | Rivonia | | |
| Postal code: | 2128 | Cell: | 083 504 9881 |
| Telephone: | 083 504 9881 | Fax: | |
| Email Address | Toosthuizen2@knightpiesold.com | | |

| | | | |
|--|--|-------|--------------|
| B) First name & Surname of Applicant –(Person wishing to hold license) | Willie Botha | | |
| Company name (if any): | Samancor (Middelburg Ferrochrome) | | |
| Company Registration/Identity number for individuals | 1926/008883/06 | | |
| Physical address | Hendrina Road | | |
| | Middelburg, 1050 | | |
| Postal address | Private Bag X251846 | | |
| | Middelburg | | |
| Postal code: | 1050 | Cell: | 071 684 6975 |
| Telephone: | 013 249 4402 | Fax: | |
| E-mail: | willie.botha@samancorcr.com | | |

| | | | |
|---|--|-------|--------------|
| C) First name & Surname of Landowner where activity takes place | Samancor (Middelburg Ferrochrome) | | |
| Company name (if any): | Samancor (Middelburg Ferrochrome) | | |
| Company Registration/Identity number for individual(s) | 1926/008883/06 | | |
| Physical address | Hendrina Road | | |
| | Middelburg, 1050 | | |
| Postal address | Private Bag X251846 | | |
| | Middelburg, 1050 | Cell: | 071 684 6975 |
| Telephone: | 013 249 4402 | Fax: | |
| E-mail: | willie.botha@samancorcr.com | | |

Operational times **N/A – Facility is not operational**

| | FROM | UNTIL |
|-----------------|------|-------|
| PERIOD | | |
| Weekdays | | |
| Saturdays | | |
| Sunday | | |
| Public holidays | | |

SECTION 9: DECLARATIONS

The independent Environmental Assessment Practitioner

I, **Tania Oosthuizen** 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, 2010;
- 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:

Knight Piésold (Pty) Ltd

Name of company:

16-04-2021

Date:



Signature of the Commissioner of Oaths:

16/04/2021

Date:

Tender Lead

Designation:

CERTIFIED TRUE COPY OF THE ORIGINAL DOCUMENT
THERE ARE NO INDICATION THAT THE ORIGINAL
DOCUMENT HAS BEEN ALTERED BY UNAUTHORISED
PERSONS.

Neeva Anne Molhyeen
Reference Number: 31/04/2016
Commissioner of Oaths (RSA)

Official stamp (Above)

Signature: 

Date: **16/04/2021**

Place: Rivonia

Enquiries: The Director: Licensing/ Systems Management Rey Road, Rivonia
476 Steve Biko Road, Arcadia, Pretoria – Environment House
Private Bag X 447, Pretoria, 0001. E-mail: Lmahlangu@environment.gov.za Tel (012) 399 9791

The Applicant

I, W. Botha 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, 2010, 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

Sanander Chane Middelburg Ferrichone

Name of company:

Date:

Signature of the Commissioner of Oaths:

Date:

Designation:

ELMARIE BOTHA

Commissioner of Oaths/Kommissaris van Ede

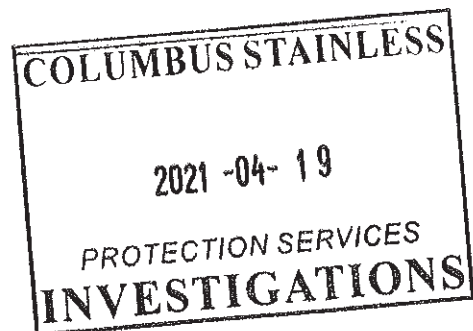
(9/1/8/2 Middelburg 17/07/2008 for RSA)

Investigation Officer

Columbus Stainless Hendrina Road Middelburg (MP)

Tel: 013 - 247 3385

Official stamp (Above)



CUSTOMER ALL PAYMENTS FINAL AUDIT REPORT

| | | | |
|--------------------------------|--------------------------------|--------------------------|----------------------------|
| Customer No | 951274207 | User Name | KNIGHT PIESOLD PTY LIMITED |
| User ID | KNI02 | Reference | 2021077005 |
| Sub Module | SSVS | Action date | 20210319 |
| Description | KIY52 20210318 14:02:58.6 | | |
| Finalreleasingoperators | XTK59 SUDHIRA S SEWLAL | | N/A |
| Sub-batch | 001 | From Account no | 0000023054816 |
| | | From Account Name | KNIGHT PIESOLD NO 1 |
| Trans No | 1 | | |
| Acc No / CDI | 1044240072 | | |
| Branch No | 632005 | | |
| Statement Ref | WASTE LICENCE (KNIGHT PIESOLD) | | |
| Account Name | DEPARTMENT OF ENVIRONMENTAL AF | | |
| Creditor Code | SD68 | | |
| Amount | 2,000.00 | | |
| StatusDescription | FINAL AUDIT TO BE DOWNLOADED | | |
| RTGS/RTC | | | |
| ISN/Bus Ref | 0 | | |
| Pay Alert | N | | |

CUSTOMER ALL PAYMENTS FINAL AUDIT REPORT

| | | | |
|------------------------------|-----------------|---------|------|
| Totals for Sub Batch | 001 | | |
| Total amount processed | 2,000.00 | | |
| Total amount rejected | 0.00 | | |
| Total Sub Batch amount | 2,000.00 | | |
| Total RTGS Processed | 0 | Amount | 0.00 |
| Total RTC Processed | 0 | Amount | 0.00 |
| Total RTGS Rejected | 0 | Amount | 0.00 |
| Total RTC Rejected | 0 | Amount | 0.00 |
| Hash Total | 208848014400000 | | |
| Total Batch amount processed | 2,000.00 | | |
| Total Batch amount rejected | 0.00 | | |
| Total Batch amount | 2,000.00 | | |
| Total RTGS Processed | 0 | Amount: | 0.00 |
| Total RTC Processed | 0 | Amount: | 0.00 |
| Total RTGS Rejected | 0 | Amount: | 0.00 |
| Total RTC Rejected | 0 | Amount: | 0.00 |

*** DISCLAIMER ***

Make sure that you have entered the correct account number as we will pay to, or collect from, the account number you entered. Banks do not check that the specified account number and account name match. Accordingly, Standard Bank cannot be held responsible for payments going to, or collections being taken from, an incorrect account number should incorrect or fraudulent account details be entered. If you would like more information, speak to your Standard Bank representative about our account verification services.

** END OF REPORT **