

APPENDIX 2F

COPY OF APPLICATION FORM SUBMITTED TO THE COMPETENT AUTHORITY



agriculture, environmental affairs,
rural development and land reform

Department:
agriculture, environmental affairs,
rural development and land reform .
NORTHERN CAPE PROVINCE
REPUBLIC OF SOUTH AFRICA

SASKO Building
90 Long Street
Private Bag X6102
Kimberley
8300

Tel. 053-8077300
Fax: 053-8077328

Enquiries :
Dipatlisiso : Mr A Nyakaza
Imibuzo :
Navrae :
Reference : NC/EIA/16/NAM/KHA/POF2/2021
Tshupelo :
Isalathiso :
Verwysing :

Date :
Leshupelo :
Umhla : 07th December 2021
Datum :

Mr. C Geyser
ENVIROAFRICA
P.O. Box 5367
HELDERBERG
7135

Email: anthony@enviroafrica.co.za

Dear Sir/Madam

RE: APPLICATION FOR AUTHORIZATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT NO. 107 OF 1998), PROPOSED DEVELOPMENT ON STYR-KRAAL AGRICULTURAL ON THE EXTENT OF FARM STYR-KRAAL FARM NO 81, POFFADER: KHAI-MA LOCAL MUNICIPALITY: NAMAKWA DISTRICT.

The Department confirms having receipt of the **application form and draft scoping report** for environmental authorisation of the above mentioned project on the 03rd December 2021.

The application reference number **NC/EIA/16/NAM/KHA/POF2/2021** Kindly quote this reference number in any future correspondence in respect of the application.

Please draw the applicant's attention to the fact that the activity may not commence prior to an environmental authorization being granted by the Department

Kindly note the responsible officer for this project is **Mr A Nyakaza** and can be contacted at this number **027 718 8800/0609914817**.

Regards

Ms G Letimela
Senior Administration Clerk



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Department:
Environment & Nature Conservation
NORTHERN CAPE PROVINCE
REPUBLIC OF SOUTH AFRICA

Private Bag X6102, Kimberley, 8300, Metlife Towers, T-Floor, Tel: 053 807 7300, Fax: 053 807 7328

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

	(For official use only)
File Reference Number:	
NEAS Reference Number:	
Date Received:	
Receipt Number:	

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), (the Act) and the Environmental Impact Assessment Regulations, 2014 (the Regulations)

PROJECT TITLE

PROPOSED STYR-KRAAL AGRICULTURAL DEVELOPMENT ON THE REMAINING EXTENT OF PORTION 0 OF FARM STYR-KRAAL, FARM NO. 81, POFADDER, KHÂI-MA LOCAL MUNICIPALITY, NAMAKWA DISTRICT MUNICIPALITY

Kindly note that:

1. This application form is current as of 08 December 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. The application must be completed in terms of Regulation 16 of GN R.982
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. No faxed or e-mailed applications will be accepted. Only original signed copies will be accepted.
8. Unless protected by law, all information filled in on this application form will become public information on receipt by the competent authority. Any interested and affected party should and shall be provided with the information contained in this application on request, during any stage of the application process.

9. 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 and declaration of interest of the specialist must also be submitted.
10. Proof of payment must accompany this application. The application will not be processed without proof of payment unless one of the exclusions provided for the Fee Regulations (Fees for consideration and processing of applications for environmental authorisations and amendments thereto Government Notice,141, published on 28 February 2014 is applicable and such information in section 1 of this application form has been confirmed by this Department.

Queries must be addressed to the contact hereunder:

Departmental Details

Postal address:

Department of Environment and Nature Conservation
Attention: Directorate: Environmental Quality Management
Private Bag X6102
KIMBERLEY
8300

Physical address:

Department of Environment and Nature Conservation
90 Long Street, Sasko Building
KIMBERLEY
8300

Queries should be directed to the Sub - Directorate: Impact Management at:

Tel: (053) 807-7430

Fax: (053) 831-3530

View the Department's website at <http://denc.ncape.gov.za/> for the latest version of the documents.

1. PROOF OF PAYMENT

Applicants are required to tick the appropriate box below to indicate that either proof of payment is attached or that, in the applicant's view, an exclusion applies. Proof and a motivation for exclusions must be attached to this application form in **Appendix 1**.

- Proof of payment attached as **Appendix 1**
- Exclusion applies

An applicant is excluded from paying fees if:

The activity is a community based project funded by a government grant; or
 The applicant is an organ of state.

TYPE OF EXCLUSION	Tick where applicable. Proper motivation must be attached to the application
The activity is a community based project funded by a government grant	
The applicant is an organ of state	

FEE AMOUNT	Fee
Application for an environmental authorisation for which basic assessment is required in terms of the Environmental Impact Assessment Regulations	R2 000
Application for an environmental authorisation, for which S&EIR is required in terms of the Environmental Impact Assessment Regulations	R10 000

Department of Environment & Nature Conservation' details for the payment of application fees:

Payment Enquiries: Ms. T Leburu	
Tel.: (053) 807 7464	
Email: tmakaudi@ncpg.gov.za	
<u>BANKING DETAILS:</u>	
BANK	: ABSA
ACCOUNT NUMBER	: 4078447781
BRANCH CODE	: 630302
REFERENCE TO BE USED BY APPLICANT	: EIA/25/19

2. PROJECT DESCRIPTION

Please provide a **detailed** description of the project.

The Schamboua Trust is proposing the development of the Styr-Kraal Agricultural Development, and associated infrastructure, on Remaining Extent of Portion 0 of Farm Styr-Kraal, Farm No. 81, Pofadder, situated within Ward 1 of the Khâi-Ma Local Municipality, Namakwa District Municipality. The total area to be developed measures approximately 200 (Two hundred) hectares. The site is located approximately 51km north of Pofadder at the following coordinates: 28°40'39.90"S; 19°31'2.93"E.

This is a BEE initiative with the primary objective of promoting economic growth, job creation and economic empowerment, through the agricultural industry.

The proposed agricultural development (Figure 1) will be comprised of:

Vineyards	~83ha
Dates	~125ha
Drying Bed	~5.7ha
Housing	~3.8ha
Proposed Dam	~1ha
Associated Infrastructure	~0.7ha
- Pipelines (6256m ²)	
- Dam pumphouse (255m ²)	
- Abstraction point (136m ²)	
- Booster pumphouse (301m ²)	
Total Development:	~ 219ha

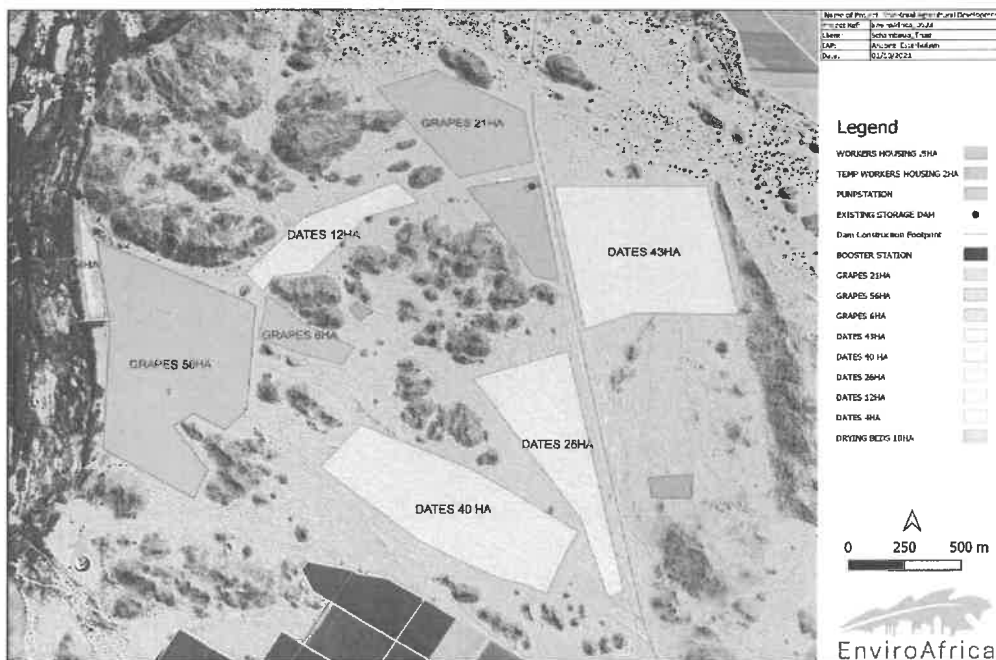


Figure 1. Site development layout for the proposed Styr-Kraal Agricultural Development.

Does the project form part of any of the Strategic Infrastructure Projects (SIPs) as described in the National Development Plan, 2011?	YES	NO
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If YES, please indicate which SIPs are applicable in **Appendix 1**.

Please indicate which sector the project falls under by crossing out the relevant block in the table below:

Table 1

Green economy + "Green" and energy-saving industries		Greenfield transformation to urban or industrial form (including mining)	
Infrastructure – electricity (generation, transmission & distribution)		Biodiversity or sensitive area related activities	
Oil and gas		Mining value chain	
Biofuels		Potential of metal fabrication capital & transport equipment – arising from large public investments	
Nuclear		Boat building	
Basic services (local government) – electricity and electrification		Manufacturing – automotive products and components, and medium and heavy commercial vehicles	
Basic services (local government) – area lighting		Manufacturing – plastics, pharmaceuticals and chemicals	
Infrastructure – transport (ports, rail and road)		Manufacturing – clothing textiles, footwear and leather	
Basic services (local government access roads)		Forestry, paper, pulp and furniture	
Basic services (local government) – public transport		Business process servicing	
Infrastructure – water (bulk and reticulation)		Advanced materials	
Basic services (local government) – sanitation		Aerospace	
Basic services (local government) – waste management		Basic services (local government) - education	
Basic services (local government) water		Basic services (local government) - health	
Agricultural value chain + agro-processing (linked to food security and food pricing imperatives)	X	Basic services (local government) - housing	
Infrastructure – information and communication technology		Basic services (local government) security of tenure	
Tourism + strengthening linkages between cultural industries and tourism		Other	
Basic services (local government) – public open spaces and recreational facilities			

Provide details on the anticipated socio-economic values associated with the proposed project

Table 1

Anticipated CAPEX value of the project on completion	Undisclosed
What is the expected annual income to be generated by or as a result of the project?	N/A
New skilled employment opportunities created in the construction phase of the project	Not yet determined
New skilled employment opportunities created in the operational phase of the project	-
New un-skilled employment opportunities created in the construction phase of the project	Not yet determined
New un-skilled employment opportunities created in the operational phase of the project	Not yet determined
What is the expected value of the employment opportunities during the operational and construction phase?	Not yet determined
What percentage of this value that will accrue to previously disadvantaged individuals?	100%
The expected current value of the employment opportunities during the first 10 years	Not yet determined
What percentage of this value that will accrue to previously disadvantaged individuals?	100%

Table 2

Does the listed activity/ies applied for form part of a larger project which is not a listed activity itself e.g. a road that is a listed activity that is needed to access a drilling site where the drilling does not constitute a listed activity.	YES	NO
If indicated yes above, please provide a brief description on how the activity/ies relate to the larger project that forms part there of: N/A		

3. GENERAL INFORMATION

Project applicant:	Schamboua Trust		
Registration no (if any):			
Trading name (if any):			
Responsible position, e.g. Director, CEO, etc.:	Trustee		
Contact person:	Mr. Hendrik Apollis		
Physical address:			
Postal address:	P.O. Box 235,		
	Concordia	Postal Code:	8271
Telephone:		Cell:	083 524 8494
E-mail:	apollishendrik@gmail.com	Fax:	

Provincial Authority:	Department of Environment and Nature Conservation (DENC)		
Contact person:	Ms. Gail Letimela		
Postal address:	Private Bag X6102, Kimberley		
Postal code:	8300	Cell:	TBC
Telephone:	060 991 4817	Fax:	TBC
E-mail:	NCEIAapplications@environment.gov.za		

Local municipality	Khâi-Ma Local Municipality		
Contact person:	Mr. Edward Cloete (Municipal Manager)		
Postal address:	PO Box 108, Pofadder		
Postal code:	8890	Cell:	N/A
Telephone:	054 933 1000	Fax:	
E-mail:	municipalmanager@khaima.gov.za / munman@khaima.gov.za		

In instances where there is more than one local authority involved, please attach a list of those local authorities with their contact details as **Appendix 2**.

Landowner:	N/A		
Contact person:			
Postal address:			
Postal code:		Cell:	
Telephone:		Fax:	
E-mail:			

In instances where there is more than one landowner, please attach a list of those landowners with their contact details as **Appendix 3**. If the applicant is not the owner or person in control of the land, proof of notice to the landowner or person in control of the land on which the activity is to be undertaken must be submitted in **Appendix 3**.

Identified Competent Authority to consider the application:	Department of Environment and Nature Conservation (DENC, Northern Cape)
Reason(s) in terms of Sec 24C of NEMA 1998 as amended	

4. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

EAP:	EnviroAfrica cc		
Professional affiliation/registration:	Bernard de Witt: B.Sc. Forestry (Stellenbosch); B.A. (Hons) Public Administration (Stellenbosch); National Diploma in Parks and Recreation Management; EIA Short course (UCT); ISO 14001 Auditors course (SABS) Ansone' Esterhuizen: BA, BSc (Hons) (Currently Completing)		
Contact person (if different from EAP):	Bernard de Witt/ Ansone' Esterhuizen		
Company:			
Physical address:	7A Pastorie Park, Reitz Str, Somerset West, Western Cape		
Postal address:	P.O. Box 5367, Helderberg		
Postal code:	7135	Cell:	
Telephone:	(021) 851 1616	Fax:	086 512 0154
E-mail:	ansone@enviroafrica.co.za		

If an EAP has not been appointed please ensure that an independent EAP is appointed as stipulated by Regulation 12 of GN R.982, dated December 2014, prior to the commencement of the process.

The declaration of independence and the Curriculum Vitae (indicating the experience with environmental impact assessment and the relevant application processes) of the EAP must also be submitted to the Department.

5. SITE DESCRIPTION

Provide a detailed description of the site involved in the application.

Province	Northern Cape				
District Municipality	Namakwa District Municipality				
Local Municipality	Khâi-Ma Local Municipality				
Ward number(s)	1				
Nearest town(s)	Pofadder / Onseepkans				
Farm name(s) and number(s)	Remaining Extent of Portion 0 of Farm Styr-Kraal, Farm No. 81				
Portion number(s)	RE of Portion 0				
Coordinates of corner points of study area (if there are more than 7 co-ordinates, please attach a list as Appendix 4)	Latitude (S) (DDMMSS)		Longitude (E) (DDMMSS)		
	See Appendix 4				

SG 21 Digit Code(s)

(If there are more than 4, please attach a list with the rest of the codes as Appendix 4)

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

Please attach a copy of the title deed(s) and SG diagram(s) to the application as **Appendix 5**.

Please attach a copy of environmental authorisations obtained on the same property as **Appendix 6**.

Are there any other applications for Environmental Authorisation on the same property?	YES	NO
If YES, please indicate the following:		
Competent Authority		
Reference Number		
Project Name		
Please provide details of the steps taken to ascertain this information:		

6. ACTIVITIES TO BE AUTHORISED

For an application for authorisation that involves more than one listed activity that, together, make up one development proposal, all the listed activities pertaining to this application must be indicated.

Detailed description of listed activities associated with the project	
Listed activity as described in GN R.983, 984 and 985	Description of project activity that triggers listed activity
Government Notice R327 (Listing Notice 1): Activity No:	
<p>GN 327 (Item 12): The development of;</p> <p>(i) dams or weirs, where the dam or weir, including infrastructure and water surface area, exceeds 100 square metres;</p> <p>(ii) infrastructure or structures with a physical footprint of 100 square metres or more;</p> <p>where such development occurs;</p> <p>(a) within a watercourse;</p> <p>(b) in front of a development setback; or</p> <p>(c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse;</p>	<p>The proposed development includes the development of new infrastructure which will exceed 100m², and is located within 32m from a watercourse. Therefore, the construction of the proposed development will trigger this activity.</p>
<p>4. The development and related operation of facilities or infrastructure for the concentration of animals in densities that exceed—</p> <p>(i) 20 square metres per large stock unit and more than 500 units per facility;</p> <p>(ii) 8 square meters per small stock unit and; a. more than 1 000 units per facility excluding pigs where</p> <p>(b) applies; or b. more than 250 pigs per facility excluding piglets that are not yet weaned;</p> <p>(iii) 30 square metres per crocodile and more than 20 crocodiles per facility;</p> <p>(iv) 3 square metres per rabbit and more than 500 rabbits per facility; or</p> <p>(v) 250 square metres per ostrich or emu and more than 50 ostriches or emus per facility.</p>	<p>The possibility of incorporating live stock is being considered for the property, mainly focused on poultry.</p>
<p>5. The development and related operation of facilities or infrastructure for the concentration of -</p> <p>(i) more than 1 000 poultry per facility situated within an urban area, excluding chicks younger than 20 days;</p>	

<ul style="list-style-type: none"> (ii) more than 5 000 poultry per facility situated outside an urban area, excluding chicks younger than 20 days; (iii) more than 5 000 chicks younger than 20 days per facility situated within an urban area; or (iv) more than 25 000 chicks younger than 20 days per facility situated outside an urban area. 	
<p>8. The development and related operation of hatcheries or agri-industrial facilities outside industrial complexes where the development footprint covers an area of 2 000 square metres or more.</p>	
<p>9. The development of infrastructure exceeding 1 000 metres in length for the bulk transportation of water or storm water—</p> <ul style="list-style-type: none"> (i) with an internal diameter of 0,36 metres or more; or (ii) with a peak throughput of 120 litres per second or more; excluding where— <ul style="list-style-type: none"> (a) such infrastructure is for bulk transportation of water or storm water or storm water drainage inside a road reserve or railway line reserve; or (b) where such development will occur within an urban area. 	
<p>10. The development and related operation of infrastructure exceeding 1 000 metres in length for the bulk transportation of sewage, effluent, process water, waste water, return water, industrial discharge or slimes</p> <ul style="list-style-type: none"> – (i) with an internal diameter of 0,36 metres or more; or (ii) with a peak throughput of 120 litres per second or more; excluding where— <ul style="list-style-type: none"> (a) such infrastructure is for the bulk transportation of sewage, effluent, process water, waste water, return water, industrial discharge or slimes inside a road reserve or railway line reserve; or (b) where such development will occur within an urban area. 	
<p>11. The development of facilities or infrastructure for the transmission and distribution of electricity—</p> <ul style="list-style-type: none"> (i) outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts; or (ii) inside urban areas or industrial complexes with a capacity of 275 kilovolts or more; excluding the development of bypass infrastructure for the transmission and distribution of electricity where such bypass infrastructure is — <ul style="list-style-type: none"> (a) temporarily required to allow for maintenance of existing infrastructure; (b) 2 kilometres or shorter in length; 	

<p>(c) within an existing transmission line servitude; and</p> <p>(d) will be removed within 18 months of the commencement of development.</p>	
<p>12. The development of—</p> <p>(i) dams or weirs, where the dam or weir, including infrastructure and water surface area, exceeds 100 square metres; or</p> <p>(ii) infrastructure or structures with a physical footprint of 100 square metres or more;</p> <p>where such development occurs—</p> <p>(a) within a watercourse;</p> <p>(b) in front of a development setback; or</p> <p>(c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse;</p> <p>— excluding—</p> <p>(aa) the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour;</p> <p>(bb) where such development activities are related to the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies;</p> <p>(cc) activities listed in activity 14 in Listing Notice 2 of 2014 or activity 14 in Listing Notice 3 of 2014, in which case that activity applies;</p> <p>(dd) where such development occurs within an urban area;</p> <p>(ee) where such development occurs within existing roads, road reserves or railway line reserves; or</p> <p>(ff) the development of temporary infrastructure or structures where such infrastructure or structures will be removed within 6 weeks of the commencement of development and where indigenous vegetation will not be cleared.</p>	
<p>13. The development of facilities or infrastructure for the off-stream storage of water, including dams and reservoirs, with a combined capacity of 50 000 cubic metres or more, unless such storage falls within the ambit of activity 16 in Listing Notice 2 of 2014.</p>	
<p>14. The development and related operation of facilities or infrastructure, for the storage, or for the storage and handling, of a dangerous good, where such storage occurs in containers with a combined capacity of 80 cubic metres or more but not exceeding 500 cubic metres.</p>	

<p>19. The infilling or depositing of any material of more than 10 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from a watercourse; but excluding where such infilling, depositing, dredging, excavation, removal or moving—</p> <p>(a) will occur behind a development setback;</p> <p>(b) is for maintenance purposes undertaken in accordance with a maintenance management plan;</p> <p>(c) falls within the ambit of activity 21 in this Notice, in which case that activity applies;</p> <p>(d) occurs within existing ports or harbours that will not increase the development footprint of the port or harbour; or</p> <p>(e) where such development is related to the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies.</p> <p>24. The development of a road—</p> <p>(i) for which an environmental authorisation was obtained for the route determination in terms of activity 5 in Government Notice 387 of 2006 or activity 18 in Government Notice 545 of 2010; or</p> <p>(ii) with a reserve wider than 13,5 meters, or where no reserve exists where the road is wider than 8 metres; but excluding a road—</p> <p>(a) which is identified and included in activity 27 in Listing Notice 2 of 2014;</p> <p>(b) where the entire road falls within an urban area; or</p> <p>(c) which is 1 kilometre or shorter.</p>	
<p>26. Residential, retail, recreational, tourism, commercial or institutional developments of 1 000 square metres or more, on land previously used for mining or heavy industrial purposes; — excluding —</p> <p>(i) where such land has been remediated in terms of part 8 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) in which case the National Environmental Management: Waste Act, 2008 applies; or</p> <p>(ii) where an environmental authorisation has been obtained for the decommissioning of such a mine or industry in terms of this Notice or any previous NEMA notice; or</p> <p>(iii) where a closure certificate has been issued in terms of section 43 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002) for such land.</p>	
<p>31. The decommissioning of existing facilities, structures or infrastructure for—</p> <p>(i) any development and related operation activity or activities listed in this Notice, Listing Notice 2 of 2014 or Listing Notice 3 of 2014;</p>	

<p>(ii) any expansion and related operation activity or activities listed in this Notice, Listing Notice 2 of 2014 or Listing Notice 3 of 2014;</p> <p>(iii)</p> <p>(iv) any phased activity or activities for development and related operation activity or expansion or related operation activities listed in this Notice or Listing Notice 3 of 2014; or</p> <p>(v) any activity regardless the time the activity was commenced with, where such activity:</p> <p>(a) is similarly listed to an activity in (i) or (ii) above; and</p> <p>(b) is still in operation or development is still in progress; excluding where—</p> <p>(aa) activity 22 of this notice applies; or</p> <p>(bb) the decommissioning is covered by part 8 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) in which case the National Environmental Management: Waste Act, 2008 applies.</p>	
<p>45. The expansion of infrastructure for the bulk transportation of water or storm water where the existing infrastructure—</p> <p>(i) has an internal diameter of 0,36 metres or more; or</p> <p>(ii) has a peak throughput of 120 litres per second or more; and</p> <p>(a) where the facility or infrastructure is expanded by more than 1 000 metres in length; or</p> <p>(b) where the throughput capacity of the facility or infrastructure will be increased by 10% or more;</p> <p>excluding where such expansion—</p> <p>(aa) relates to transportation of water or storm water within a road reserve or railway line reserve; or</p> <p>(bb) will occur within an urban area.</p>	
<p>56. The widening of a road by more than 6 metres, or the lengthening of a road by more than 1 kilometre—</p> <p>(i) where the existing reserve is wider than 13,5 meters; or</p> <p>(ii) where no reserve exists, where the existing road is wider than 8 metres; excluding where widening or lengthening occur inside urban areas.</p>	
<p>Government Notice R984 (Listing Notice 2): Activity No:</p>	
<p>13. The physical alteration of virgin soil to agriculture, or afforestation for the purposes of commercial tree, timber or wood production of 100 hectares or more.</p>	

<p>15. The clearance of an area of 20 hectares or more of indigenous vegetation, excluding where such clearance of indigenous vegetation is required for—</p> <p>(i) the undertaking of a linear activity; or</p> <p>(ii) maintenance purposes undertaken in accordance with a maintenance management plan.</p>	
<p>16. The development of a dam where the highest part of the dam wall, as measured from the outside toe of the wall to the highest part of the wall, is 5 metres or higher or where the high-water mark of the dam covers an area of 10 hectares or more.</p>	
<p>Government Notice R985 (Listing Notice 3): Activity No:</p>	
<p><u>GN 324 (Item 4):</u> 4. The development of a road wider than 4 metres with a reserve less than 13,5 metres.</p> <p>g. Northern Cape</p> <p>i. In an estuary;</p> <p>ii. Outside urban areas:</p> <p>(aa) A protected area identified in terms of NEMPAA, excluding disturbed areas;</p> <p>(bb) National Protected Area Expansion Strategy Focus areas;</p> <p>(cc) Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority;</p> <p>(dd) Sites or areas identified in terms of an international convention;</p> <p>(ee) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans;</p> <p>(ff) Core areas in biosphere reserves;</p> <p>(gg) Areas within 10 kilometres from national parks or world heritage sites or 5 kilometres from any other protected area identified in terms of NEMPAA or from the core areas of a biosphere reserve, excluding disturbed areas; or</p> <p>(hh) Areas seawards of the development setback line or within 1 kilometre from the high-water mark of the sea if no such development setback line is determined;</p> <p>or iii. Inside urban areas:</p> <p>(aa) Areas zoned for use as public open space;</p> <p>(bb) Areas designated for conservation use in Spatial Development Frameworks adopted by the competent authority or zoned for a conservation purpose; or</p> <p>(cc) Seawards of the development setback line or within urban protected areas.</p>	<p>More than 1km of road may be constructed and/or more than 6m of the road may be widened within a Critical Biodiversity Area (CBA), which may therefore trigger this activity.</p>

<p><u>GN 324 (Item 12)</u>: The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan.</p> <p>g. Northern Cape</p> <p>i. Within any critically endangered or endangered ecosystem listed in terms of section 52 of the NEMBA or prior to the publication of such a list, within an area that has been identified as critically endangered in the National Spatial Biodiversity Assessment 2004;</p> <p>ii. Within critical biodiversity areas identified in bioregional plans;</p> <p>iii. Within the littoral active zone or 100 metres inland from high water mark of the sea or an estuary, whichever distance is the greater, excluding where such removal will occur behind the development setback line on erven in urban areas; or</p> <p>iv. On land, where, at the time of the coming into effect of this Notice or thereafter such land was zoned open space, conservation or had an equivalent zoning.</p>	<p>More than 300m² of vegetation will need to be cleared for the proposed development within a Critical Biodiversity Area (CBA), therefore triggering this activity.</p>
<p><u>GN 324 (Item 14)</u>: 14. The development of—</p> <p>(i) dams or weirs, where the dam or weir, including infrastructure and water surface area exceeds 10 square metres; or</p> <p>(ii) infrastructure or structures with a physical footprint of 10 square metres or more; where such development occurs—</p> <p>(a) within a watercourse;</p> <p>(b) in front of a development setback; or</p> <p>(c) if no development setback has been adopted, within 32 metres of a watercourse, measured from the edge of a watercourse;</p> <p>excluding the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour.</p> <p>g. Northern Cape</p> <p>i. In an estuary;</p> <p>ii. Outside urban areas:</p> <p>(aa) A protected area identified in terms of NEMPAA, excluding conservancies;</p> <p>(bb) National Protected Area Expansion Strategy Focus areas;</p> <p>(cc) World Heritage Sites;</p> <p>(dd) Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority;</p> <p>(ee) Sites or areas identified in terms of an international convention;</p>	<p>More than 10m² of infrastructure will be constructed within 32m of a watercourse within a Critical Biodiversity Area therefore triggering this activity.</p>

<p>(ff) Critical biodiversity areas or ecosystem service areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans;</p> <p>(gg) Core areas in biosphere reserves;</p> <p>(hh) Areas within 10 kilometres from national parks or world heritage sites or 5 kilometres from any other protected area identified in terms of NEMPAA or from the core area of a biosphere reserve;</p> <p>(ii) Areas seawards of the development setback line or within 1 kilometre from the high-water mark of the sea if no such development setback line is determined;</p> <p>or iii. Inside urban areas:</p> <p>(aa) Areas zoned for use as public open space;</p> <p>(bb) Areas designated for conservation use in Spatial Development Frameworks adopted by the competent authority, zoned for a conservation purpose; or</p> <p>(cc) Areas seawards of the development setback line.</p>	
<p>18. The widening of a road by more than 4 metres, or the lengthening of a road by more than 1 kilometre.</p> <p>g. Northern Cape</p> <p>i. In an estuary;</p> <p>ii. Outside urban areas:</p> <p>(aa) A protected area identified in terms of NEMPAA, excluding conservancies;</p> <p>(bb) National Protected Area Expansion Strategy Focus areas;</p> <p>(cc) Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority;</p> <p>(dd) Sites or areas identified in terms of an international convention;</p> <p>(ee) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans;</p> <p>(ff) Core areas in biosphere reserves;</p> <p>(gg) Areas within 10 kilometres from national parks or world heritage sites or 5 kilometres from any other protected area identified in terms of NEMPAA or from the core area of a biosphere reserve;</p> <p>(hh) Areas seawards of the development setback line or within 1 kilometre from the high-water mark of the sea if no such development setback line is determined; or</p> <p>(ii) Areas within a watercourse or wetland; or within 100 metres from the edge of a watercourse or wetland;</p> <p>or iii. Inside urban areas:</p> <p>(aa) Areas zoned for use as public open space; or</p>	

<p>(bb) Areas designated for conservation use in Spatial Development Frameworks adopted by the competent authority or zoned for a conservation purpose.</p>	
<p>23. The expansion of—</p> <p>(i) dams or weirs where the dam or weir is expanded by 10 square metres or more; or</p> <p>(ii) infrastructure or structures where the physical footprint is expanded by 10 square metres or more; where such expansion occurs—</p> <p>(a) within a watercourse;</p> <p>(b) in front of a development setback adopted in the prescribed manner; or</p> <p>(c) if no development setback has been adopted, within 32 metres of a watercourse, measured from the edge of a watercourse;</p> <p>excluding the expansion of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour.</p> <p>g. Northern Cape</p> <p>i. In an estuary;</p> <p>ii. Outside urban areas:</p> <p>(aa) A protected area identified in terms of NEMPAA, excluding conservancies;</p> <p>(bb) National Protected Area Expansion Strategy Focus areas;</p> <p>(cc) Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority;</p> <p>(dd) Sites or areas identified in terms of an international convention;</p> <p>(ee) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans;</p> <p>(ff) Core areas in biosphere reserves;</p> <p>(gg) Areas within 10 kilometres from national parks or world heritage sites or 5 kilometres from any other protected area identified in terms of NEMPAA or from the core area of a biosphere reserve; or</p> <p>(hh) Areas seawards of the development setback line or within 1 kilometre from the high-water mark of the sea if no such development setback line is determined; or</p> <p>iii. Inside urban areas:</p> <p>(aa) Areas zoned for use as public open space; or</p> <p>(bb) Areas designated for conservation use in Spatial Development Frameworks adopted by the competent authority or zoned for a conservation purpose.</p>	

Please note that any authorisation that may result from this application will only cover activities specifically applied for. Co-ordinate points indicating the location of each listed activity must be provided with the relevant report (i.e. either BAR or EIR).

Please provide a project map indicating any sensitive areas (e.g. critical biodiversity area, World Heritage Site, etc.) overlaid by the study area in **Appendix 7**.

A project schedule, indicating the different phases and timelines of the project, must be attached as **Appendix 8**.

7. PUBLIC PARTICIPATION

Provide details of the public participation process proposed for the application as required by Regulation 41(2) of GN R. 982, dated December 2014.

<p>An initial public participation period was conducted on the in October / November 2020.</p> <ul style="list-style-type: none"> - A newspaper advert was placed in the Gemsbok newspaper on the 13th of November 2020. - Posters were placed at the following, conspicuous locations: <ul style="list-style-type: none"> o Around the proposed site for development (e.g., entrance to the property); o Agrimark (Pofadder); o Municipal Offices Notice Board; o Entrance to GP Viljoen Farms; o Different locations along the boundary of the proposed site for development; o KLK Pofadder Notice Board - Letter drops were conducted at all adjacent landowners/ occupiers. - Initial Notifications were sent to organs of state (potential I&APs) <p>The Draft Scoping Report will be distributed to all Registered Interested and Affected Parties for viewing and comment.</p>
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Should any of the aspect(s) of the Public Participation process be considered unfeasible or unreasonable for this application, please complete Section 9 below.

8. OTHER AUTHORISATIONS REQUIRED

LEGISLATION	AUTHORISATION REQUIRED		APPLICATION SUBMITTED	
	YES	NO	YES	NO
SEMA's				
National Environmental Management: Air Quality Act	YES	NO	YES	NO
National Environmental Management: Biodiversity Act	YES	NO	YES	NO
National Environmental Management: Integrated Coastal Management Act	YES	NO	YES	NO
National Environmental Management: Protected Areas Act	YES	NO	YES	NO
National Environmental Management: Waste Act	YES	NO	YES	NO
National legislation				
Mineral Petroleum Development Resources Act	YES	NO	YES	NO
National Water Act	YES	NO	YES	NO
National Heritage Resources Act	YES	NO	YES	NO
Others: Please specify	YES	NO	YES	NO

9. LIST OF APPENDICES

		SUBMITTED	
Appendix 1	Strategic Infrastructure Projects	YES	N/A
Appendix 2	List of Local Municipalities (with contact details)	YES	N/A
Appendix 3	List of land owners (with contact details) and proof of notification of land owners.	YES	NO
Appendix 4	List of co-ordinates and/or SGIDs	YES	NO
Appendix 5	Title deed(s) and SG diagram(s)	YES	NO
Appendix 6	Copies of Environmental Authorisations obtained for the same property	YES	N/A
Appendix 7	Map indicating triggered areas for GN R.985	YES	NO
Appendix 8	Project schedule	YES	N/A
Appendix 9	Declaration of Applicant	YES	NO
Appendix 10	Declaration of EAP	YES	NO
Appendix 11	DEA Screening Tool and Site Sensitivity Verification Report	YES	NO

**APPENDIX 1
STRATEGIC INFRASTRUCTURE PROJECTS**

<p>SIP 1: Unlocking the northern mineral belt with Waterberg as the catalyst</p> <ul style="list-style-type: none"> • Unlock mineral resources • Rail, water pipelines, energy generation and transmission infrastructure • Thousands of direct jobs across the areas unlocked • Urban development in Waterberg - first major post-apartheid new urban centre will be a “green” development project • Rail capacity to Mpumalanga and Richards Bay • Shift from road to rail in Mpumalanga • Logistics corridor to connect Mpumalanga and Gauteng. 	
<p>SIP 2: Durban-Free State-Gauteng logistics and industrial corridor</p> <ul style="list-style-type: none"> • Strengthen the logistics and transport corridor between SA’s main industrial hubs • Improve access to Durban’s export and import facilities • Integrate Free State Industrial Strategy activities into the corridor • New port in Durban • Aerotropolis around OR Tambo International Airport. 	
<p>SIP 3: South-Eastern node & corridor development</p> <ul style="list-style-type: none"> • New dam at Mzimvubu with irrigation systems • N2-Wild Coast Highway which improves access into KwaZulu-Natal and national supply chains • Strengthen economic development in Port Elizabeth through a manganese rail capacity from Northern Cape • A manganese sinter (Northern Cape) and smelter (Eastern Cape) • Possible Mthombo refinery (Coega) and transshipment hub at Ngqura and port and rail upgrades to improve industrial capacity and performance of the automotive sector. 	
<p>SIP 4: Unlocking the economic opportunities in North West Province</p> <ul style="list-style-type: none"> • Acceleration of investments in road, rail, bulk water, water treatment and transmission infrastructure • Enabling reliable supply and basic service delivery • Facilitate development of mining, agricultural activities and tourism opportunities • Open up beneficiation opportunities in North West Province. 	
<p>SIP 5: Saldanha-Northern Cape development corridor</p> <ul style="list-style-type: none"> • Integrated rail and port expansion • Back-of-port industrial capacity (including an IDZ) • Strengthening maritime support capacity for oil and gas along African West Coast • Expansion of iron ore mining production and beneficiation. 	
<p>SIP 6: Integrated municipal infrastructure project</p> <p>Develop national capacity to assist the 23 least resourced districts (19 million people) to address all the maintenance backlogs and upgrades required in water, electricity and sanitation bulk infrastructure. The road maintenance programme will enhance service delivery capacity thereby impacting positively on the population.</p>	
<p>SIP 7: Integrated urban space and public transport programme</p> <p>Coordinate planning and implementation of public transport, human settlement, economic and social infrastructure and location decisions into sustainable urban settlements connected by densified transport corridors. This will focus on the 12 largest urban centres of the country, including all the metros in South Africa. Significant work is underway on urban transport integration.</p>	
<p>SIP 8: Green energy in support of the South African economy</p> <p>Support sustainable green energy initiatives on a national scale through a diverse range of clean energy options as envisaged in the Integrated Resource Plan (IRP2010) and support bio-fuel production facilities.</p>	

Indicate capacity in MW:	
SIP 9: Electricity generation to support socioeconomic development Accelerate the construction of new electricity generation capacity in accordance with the IRP2010 to meet the needs of the economy and address historical imbalances. Monitor implementation of major projects such as new power stations: Medupi, Kusile and Ingula.	
Indicate capacity in MW:	
SIP 10: Electricity transmission and distribution for all Expand the transmission and distribution network to address historical imbalances, provide access to electricity for all and support economic development. Align the 10-year transmission plan, the services backlog, the national broadband roll-out and the freight rail line development to leverage off regulatory approvals, supply chain and project development capacity.	
SIP 11: Agri-logistics and rural infrastructure Improve investment in agricultural and rural infrastructure that supports expansion of production and employment, small-scale farming and rural development, including facilities for storage (silos, fresh-produce facilities, packing houses); transport links to main networks (rural roads, branch train-line, ports), fencing of farms, irrigation schemes to poor areas, improved R&D on rural issues (including expansion of agricultural colleges), processing facilities (abattoirs, dairy infrastructure), aquaculture incubation schemes and rural tourism infrastructure.	
SIP 12: Revitalisation of public hospitals and other health facilities Build and refurbish hospitals, other public health facilities and revamp 122 nursing colleges. Extensive capital expenditure to prepare the public healthcare system to meet the requirements of the National Health Insurance (NHI) system. The SIP contains major builds for 6 hospitals	
SIP 13: National school build programme A national school build programme driven by uniformity in planning, procurement, contract management and provision of basic services. Replace inappropriate school structures and address basic service backlog and provision of basic services under the Accelerated School Infrastructure Delivery Initiative (ASIDI). In addition, address national backlogs in classrooms, libraries, computer labs and admin buildings. Improving the learning environment will strengthen outcomes especially in rural schools, as well as reduce overcrowding	
SIP 14: Higher education infrastructure Infrastructure development for higher education, focusing on lecture rooms, student accommodation, libraries and laboratories, as well as ICT connectivity. Development of university towns with a combination of facilities from residence, retail to recreation and transport. Potential to ensure shared infrastructure such as libraries by universities, FETs and other educational institutions. Two new universities will be built - in Northern Cape and Mpumalanga.	
SIP 15: Expanding access to communication technology Provide for broadband coverage to all households by 2020 by establishing core Points of Presence (POPs) in district municipalities, extend new Infracore fibre networks across provinces linking districts, establish POPs and fibre connectivity at local level, and further penetrate the network into deep rural areas. While the private sector will invest in ICT infrastructure for urban and corporate networks, government will co-invest for township and rural access, as well as for e-government, school and health connectivity. The school roll-out focus is initially on the 125 Dinaledi (science and maths-focussed) schools and 1525 district schools. Part of digital access to all South Africans includes TV migration nationally from analogue to digital broadcasting.	
SIP 16: SKA & Meerkat SKA is a global mega-science project, building an advanced radio-telescope facility linked to research infrastructure and high-speed ICT capacity and provides an opportunity for Africa and South Africa to contribute towards global advanced science projects.	
SIP 17: Regional integration for African cooperation and development	

<p>Participate in mutually beneficial infrastructure projects to unlock long-term socio-economic benefits by partnering with fast growing African economies with projected growth ranging between 3% and 10%.</p> <p>The projects involving transport, water and energy also provide competitively-priced, diversified, short and medium to long-term options for the South African economy where, for example, electricity transmission in Mozambique (Cesul) could assist in providing cheap, clean power in the short-term whilst Grand Inga in the DRC is long-term.</p> <p>All these projects complement the Free Trade Area (FTA) discussions to create a market of 600 million people in South, Central and East Africa.</p>	
<p>SIP 18: Water and sanitation infrastructure</p> <p>A 10-year plan to address the estimated backlog of adequate water to supply 1.4m households and 2.1m households to basic sanitation.</p> <p>The project will involve provision of sustainable supply of water to meet social needs and support economic growth. Projects will provide for new infrastructure, rehabilitation and upgrading of existing infrastructure, as well as improve management of water infrastructure.</p>	

**APPENDIX 2 (IF APPLICABLE)
LIST OF LOCAL MUNICIPALITIES**

N/A

**APPENDIX 3
LIST OF LAND OWNERS
PROOF OF NOTIFICATION OF LAND OWNERS**

N/A

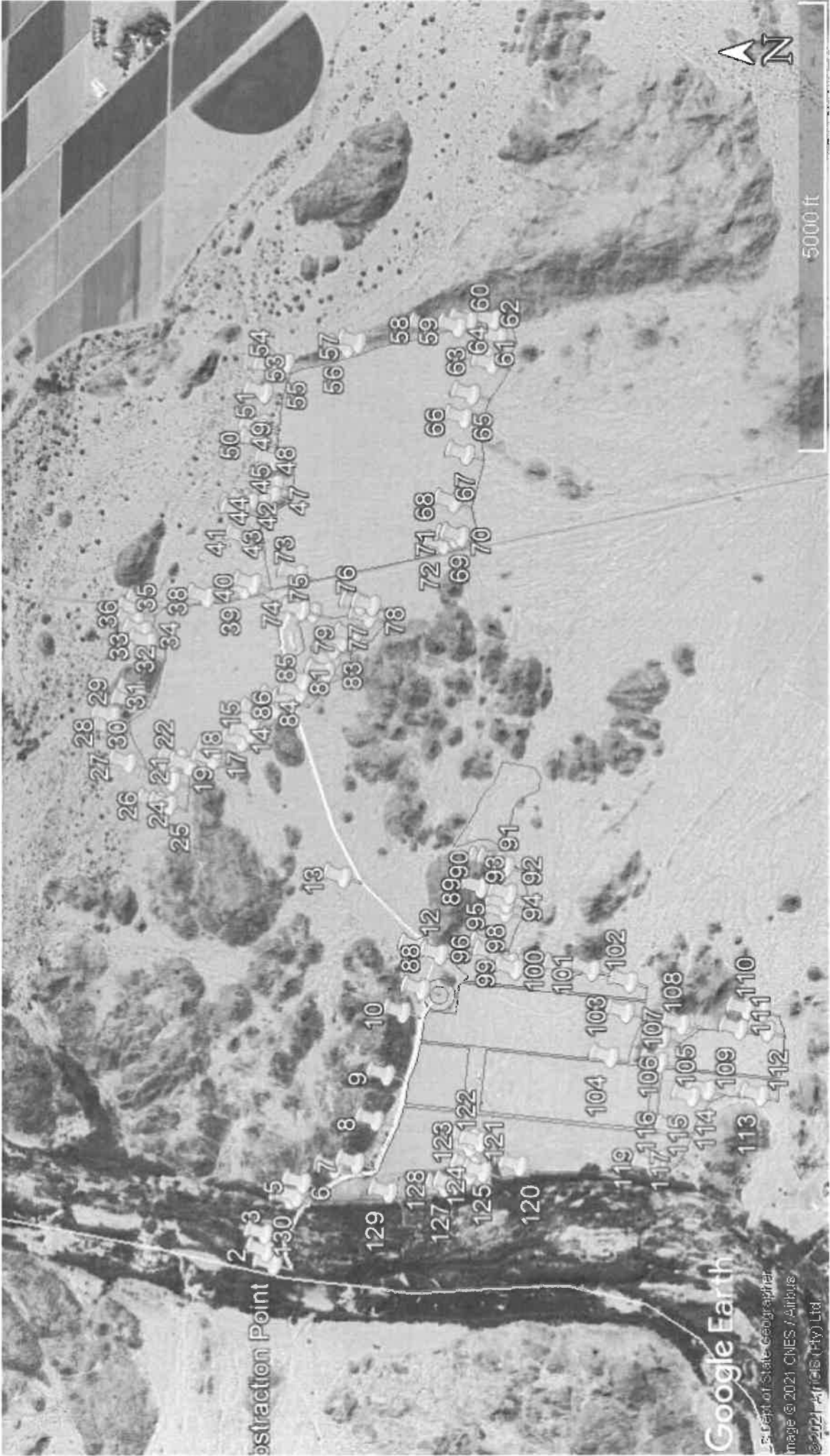
Appendix 4

List of coordinates

Location Number	GPS Co-Ordinates
1. Abstraction Point	28°40'11.07"S; 19°29'33.32"E
2	28°40'10.24"S; 19°29'35.00"E
3	28°40'10.12"S; 19°29'37.16"E
4. Booster Pump Station	28°40'12.85"S; 19°29'41.60"E
5	28°40'14.25"S; 19°29'43.51"E
6	28°40'17.74"S; 19°29'45.41"E
7	28°40'20.14"S; 19°29'45.99"E
8	28°40'22.25"S; 19°29'51.34"E
9	28°40'23.48"S; 19°29'57.05"E
10	28°40'25.24"S; 19°30'4.87"E
11. Proposed Dam	28°40'27.31"S; 19°30'7.75"E
12	28°40'27.05"S; 19°30'12.98"E
13	28°40'18.66"S; 19°30'21.83"E
14	28°40'11.22"S; 19°30'42.96"E
15	28°40'9.59"S; 19°30'42.64"E
16	28°40'8.79"S; 19°30'41.44"E
17	28°40'8.54"S; 19°30'39.92"E
18	28°40'7.57"S; 19°30'38.86"E
19	28°40'4.92"S; 19°30'37.96"E
20	28°40'4.39"S; 19°30'36.61"E
21	28°40'1.81"S; 19°30'35.85"E
22	28°40'0.67"S; 19°30'36.70"E
23	28°39'59.93"S; 19°30'35.44"E
24	28°39'59.98"S; 19°30'33.84"E
25	28°39'59.61"S; 19°30'30.89"E
26	28°39'58.35"S; 19°30'31.30"E
27	28°39'55.23"S; 19°30'36.18"E
28	28°39'53.50"S; 19°30'40.44"E
29	28°39'53.37"S; 19°30'42.03"E
30	28°39'55.53"S; 19°30'43.78"E
31	28°39'56.19"S; 19°30'45.14"E
32	28°39'57.22"S; 19°30'49.63"E
33	28°39'57.39"S; 19°30'51.23"E
34	28°39'56.83"S; 19°30'52.63"E
35	28°39'55.99"S; 19°30'53.80"E
36	28°39'56.18"S; 19°30'55.26"E
37	28°39'57.17"S; 19°30'56.24"E
38	28°40'3.82"S; 19°30'56.87"E
39	28°40'7.92"S; 19°30'57.89"E
40	28°40'8.83"S; 19°30'58.52"E
41	28°40'8.00"S; 19°31'4.38"E
42	28°40'7.50"S; 19°31'7.63"E
43	28°40'7.53"S; 19°31'7.65"E
44	28°40'7.44"S; 19°31'8.30"E
45	28°40'8.47"S; 19°31'8.69"E
46	28°40'9.83"S; 19°31'8.71"E
47	28°40'10.96"S; 19°31'9.51"E
48	28°40'11.22"S; 19°31'10.95"E
49	28°40'11.25"S; 19°31'14.04"E
50	28°40'9.54"S; 19°31'16.41"E
51	28°40'9.52"S; 19°31'17.98"E

52	28°40'9.73"S; 19°31'18.54"E
53	28°40'10.05"S; 19°31'22.47"E
54	28°40'11.09"S; 19°31'25.62"E
55	28°40'12.40"S; 19°31'26.20"E
56	28°40'19.17"S; 19°31'28.13"E
57	28°40'20.33"S; 19°31'28.78"E
58	28°40'28.13"S; 19°31'30.79"E
59	28°40'31.34"S; 19°31'30.66"E
60	28°40'32.58"S; 19°31'31.34"E
61	28°40'35.26"S; 19°31'31.56"E
62	28°40'35.84"S; 19°31'29.33"E
63	28°40'34.37"S; 19°31'26.91"E
64	28°40'35.06"S; 19°31'26.01"E
65	28°40'32.86"S; 19°31'22.21"E
66	28°40'32.03"S; 19°31'19.28"E
67	28°40'32.25"S; 19°31'14.72"E
68	28°40'30.88"S; 19°31'8.73"E
69	28°40'31.67"S; 19°31'4.46"E
70	28°40'31.00"S; 19°31'4.27"E
71	28°40'30.98"S; 19°31'4.17"E
72	28°40'29.77"S; 19°31'3.48"E
73	28°40'13.80"S; 19°30'59.70"E
74	28°40'14.10"S; 19°30'55.25"E
75	28°40'15.37"S; 19°30'54.92"E
76	28°40'20.55"S; 19°30'55.93"E
77	28°40'21.86"S; 19°30'55.83"E
78	28°40'21.52"S; 19°30'54.37"E
79	28°40'19.85"S; 19°30'52.02"E
80	28°40'18.57"S; 19°30'51.41"E
81	28°40'17.58"S; 19°30'50.39"E
82	28°40'17.44"S; 19°30'48.93"E
83	28°40'16.81"S; 19°30'47.54"E
84	28°40'14.28"S; 19°30'46.37"E
85	28°40'13.97"S; 19°30'44.95"E
86	28°40'12.98"S; 19°30'43.85"E
87	28°40'11.73"S; 19°30'44.26"E
88	28°40'29.32"S; 19°30'12.13"E
89	28°40'33.83"S; 19°30'20.51"E
90	28°40'34.68"S; 19°30'23.88"E
91	28°40'35.70"S; 19°30'23.78"E
92	28°40'36.56"S; 19°30'23.11"E
93	28°40'36.92"S; 19°30'19.71"E
94	28°40'36.62"S; 19°30'18.56"E
95	28°40'36.51"S; 19°30'17.42"E
96	28°40'34.83"S; 19°30'13.28"E
97	28°40'35.24"S; 19°30'12.24"E
98	28°40'37.02"S; 19°30'11.05"E
99	28°40'37.60"S; 19°30'10.24"E
100	28°40'42.91"S; 19°30'10.52"E
101	28°40'46.01"S; 19°30'10.13"E
102	28°40'50.09"S; 19°30'8.66"E
103	28°40'49.71"S; 19°30'4.83"E
104	28°40'48.01"S; 19°29'59.24"E

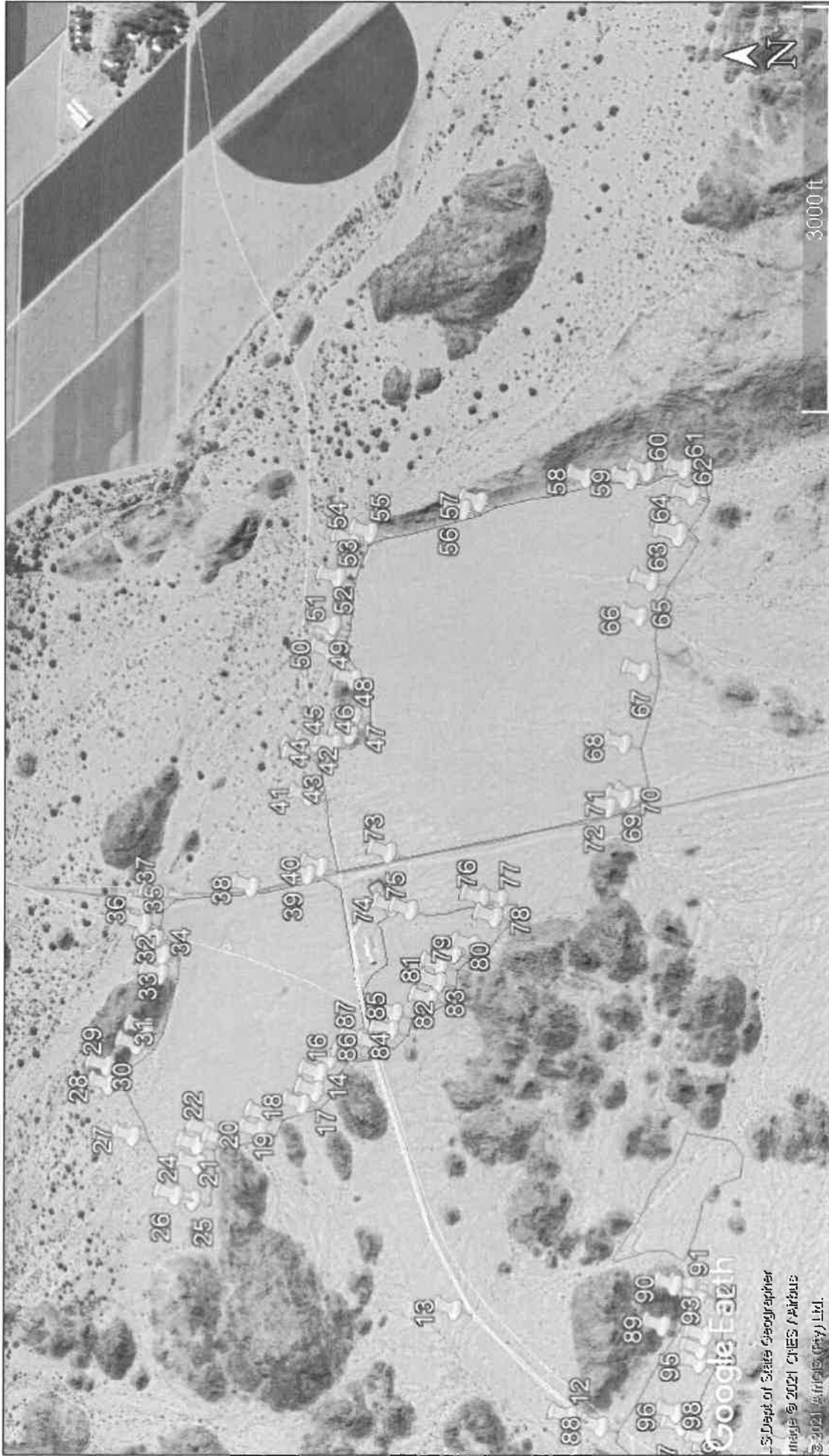
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107	28°40'55.86"S; 19°30'3.31"E
108	28°40'56.41"S; 19°30'3.39"E
109	28°41'2.25"S; 19°30'2.68"E
110	28°41'3.06"S; 19°30'5.17"E
111	28°41'4.76"S; 19°30'4.97"E
112	28°41'5.35"S; 19°30'2.43"E
113	28°41'4.59"S; 19°29'54.33"E
114	28°40'58.68"S; 19°29'55.05"E
115	28°40'57.01"S; 19°29'54.26"E
116	28°40'55.13"S; 19°29'50.29"E
117	28°40'55.01"S; 19°29'49.86"E
118	28°40'53.45"S; 19°29'46.33"E
119	28°40'52.60"S; 19°29'45.69"E
120	28°40'38.11"S; 19°29'45.60"E
121	28°40'34.07"S; 19°29'44.86"E
122	28°40'33.76"S; 19°29'48.60"E
123	28°40'32.87"S; 19°29'49.09"E
124	28°40'32.65"S; 19°29'47.99"E
125	28°40'32.78"S; 19°29'45.61"E
126	28°40'32.61"S; 19°29'44.53"E
127	28°40'30.91"S; 19°29'43.32"E
128	28°40'29.91"S; 19°29'43.04"E
129	28°40'23.73"S; 19°29'42.32"E
130	28°40'13.58"S; 19°29'41.79"E



Obstruction Point

Google Earth

US Dept of State Geographer
Image © 2021 CNES / Airbus
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3000 ft



Google Earth

U.S. Dept of State Geographer
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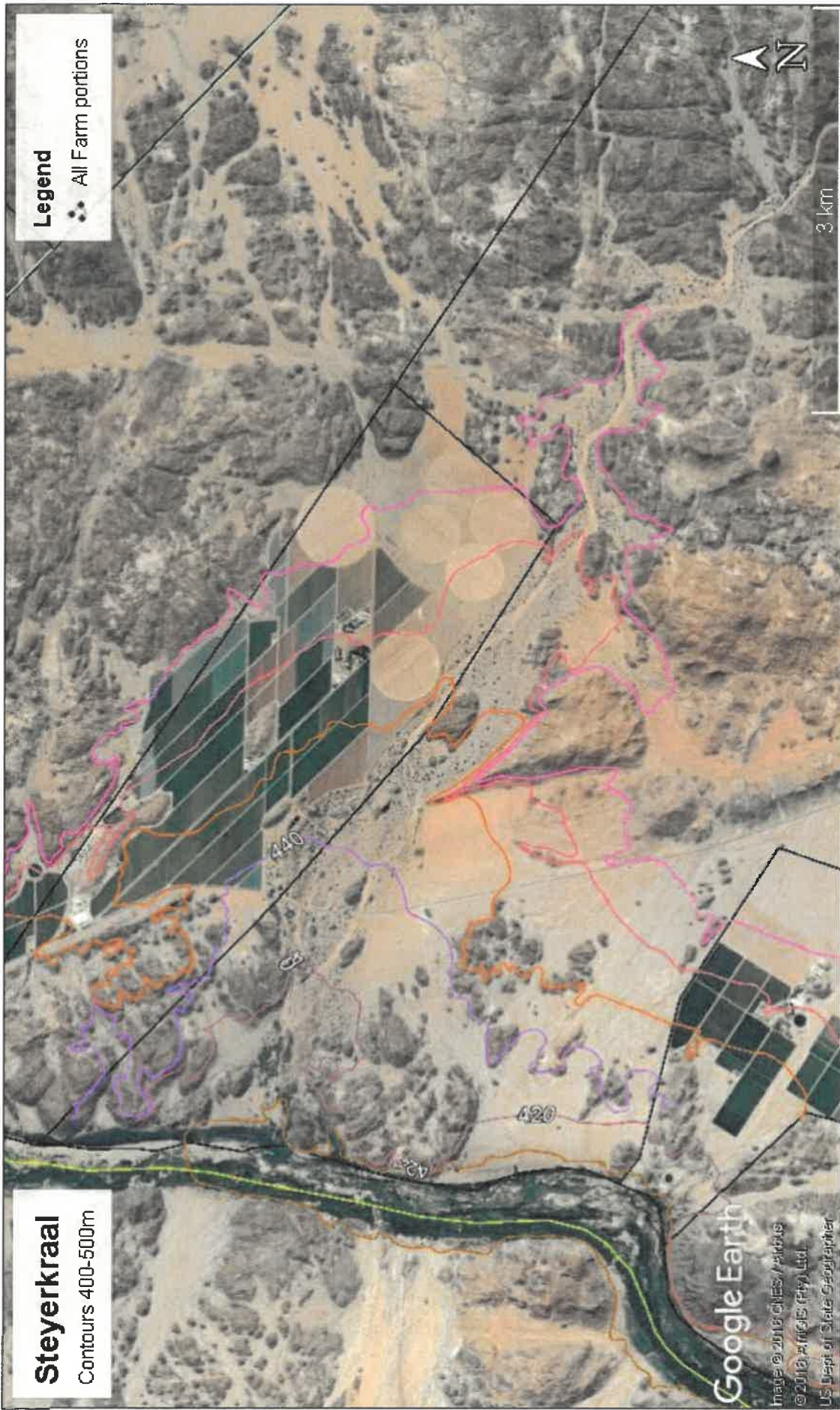
Google Earth

US Dept of State, Geographer
Image © 2021 CNES / Airbus
© 2021 Mapbox (Fry) Ltd.

APPENDIX 5
TITLE DEED(S) AND SG DIAGRAM(S)

Appendix 7

Maps showing triggered areas

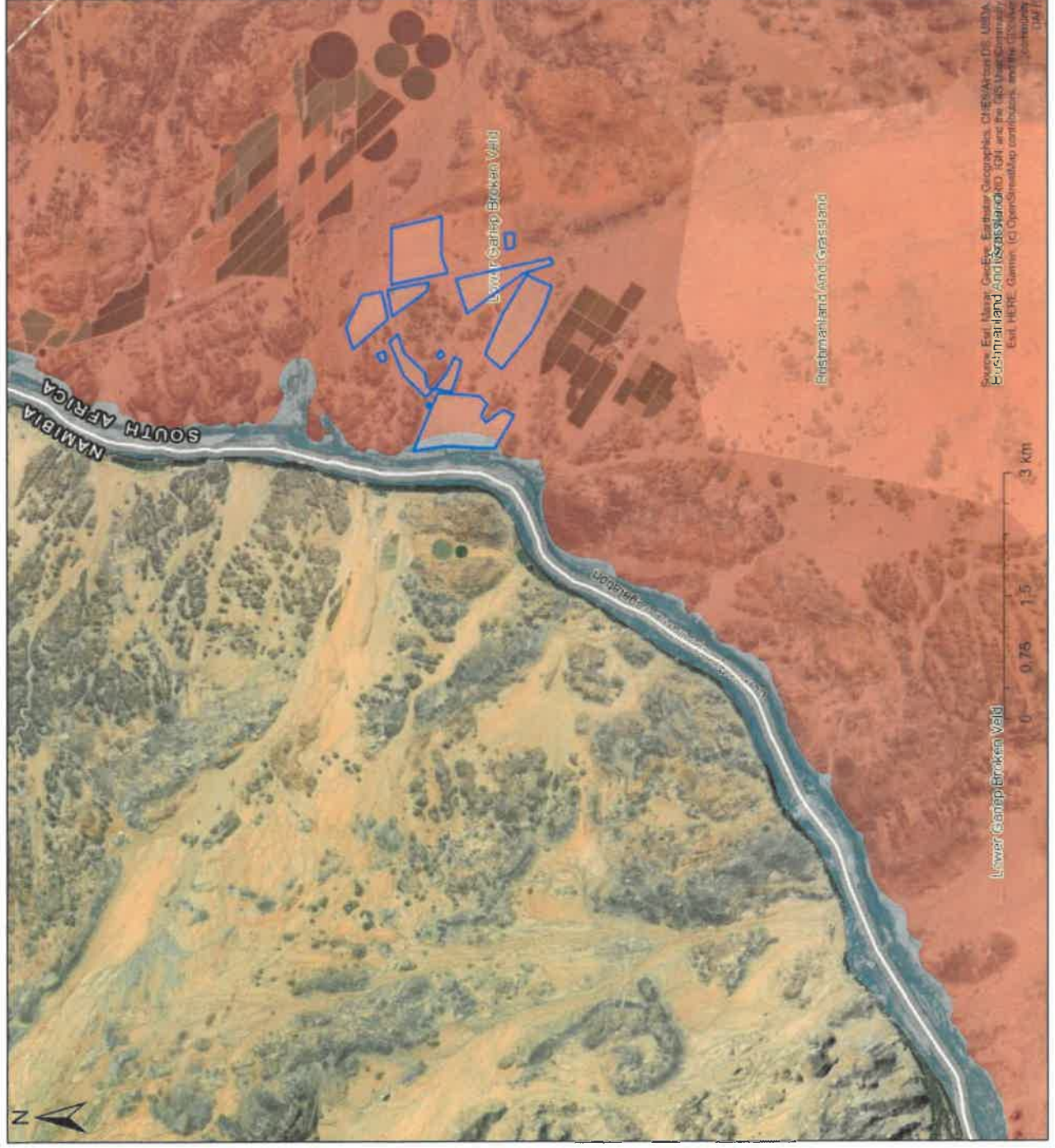


Steyerkraal
Contours 400-500m

Legend
All Farm portions

Google Earth
Images © 2016 Google / Airphoto
© 2010 Airphoto (Pty) Ltd.
US Dept of State Geographer

3 km



Vegetation types associated

- Legend**
- VEGMAP 2018**
- AZa 3 Lower Gariep Alluvial Vegetation
 - NKb 1 Lower Gariep Broken Veld
 - NKb 3 Bushmanland Arid Grassland

Scale: 1:72 224

Date created: October 12, 2021

Compiled with CapeFarmMapper



Western Cape Government
Agriculture

Source: Esri, Mapbox, DeLorme, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
 Lower Gariep Broken Veld
 Bushmanland Arid Grassland
 Esri HERE, Garmin, (C) OpenStreetMap contributors, and the GIS User Community



BGIS Land Use Decision Support (LUDS) Tool

StyrKraal Agricultural Development

Description

The proposed Styr-Kraal Agricultural Development, and associated infrastructure, will be located on the remaining extent of Portion 0 of Farm Styr-Kraal, Farm No. 81, Pofadder, situated within Ward 1 of the Kgal-Ma Local Municipality, Namakwa District Municipality (Figure 4). The site is located approximately 51km north of Pofadder at the following co-ordinates: 28°40'39.90"S; 19°31'2.99"E.



Legend

- Namakwa Biodiversity Sector Plan
- Local municipalities - LUDS
- Namakwa - Aquatic CBA map
- :Terrestrial Biodiversity Area (Type 1)
- :Terrestrial Biodiversity Area (Type 2)
- Ecological Support Areas
- Namakwa - Terrestrial CBA map
- :Critical Biodiversity Area (Type 1)
- :Critical Biodiversity Area (Type 2)
- Ecological Support Area
- Namakwa - Report Aquatic CBA map legend
- :FA Aquatic (Type 1)
- :FA Aquatic (Type 2)
- Ecological Support Areas aquatic

1: 144 448



This map is a user generated static output from an internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.


THIS MAP IS NOT TO BE USED FOR NAVIGATION

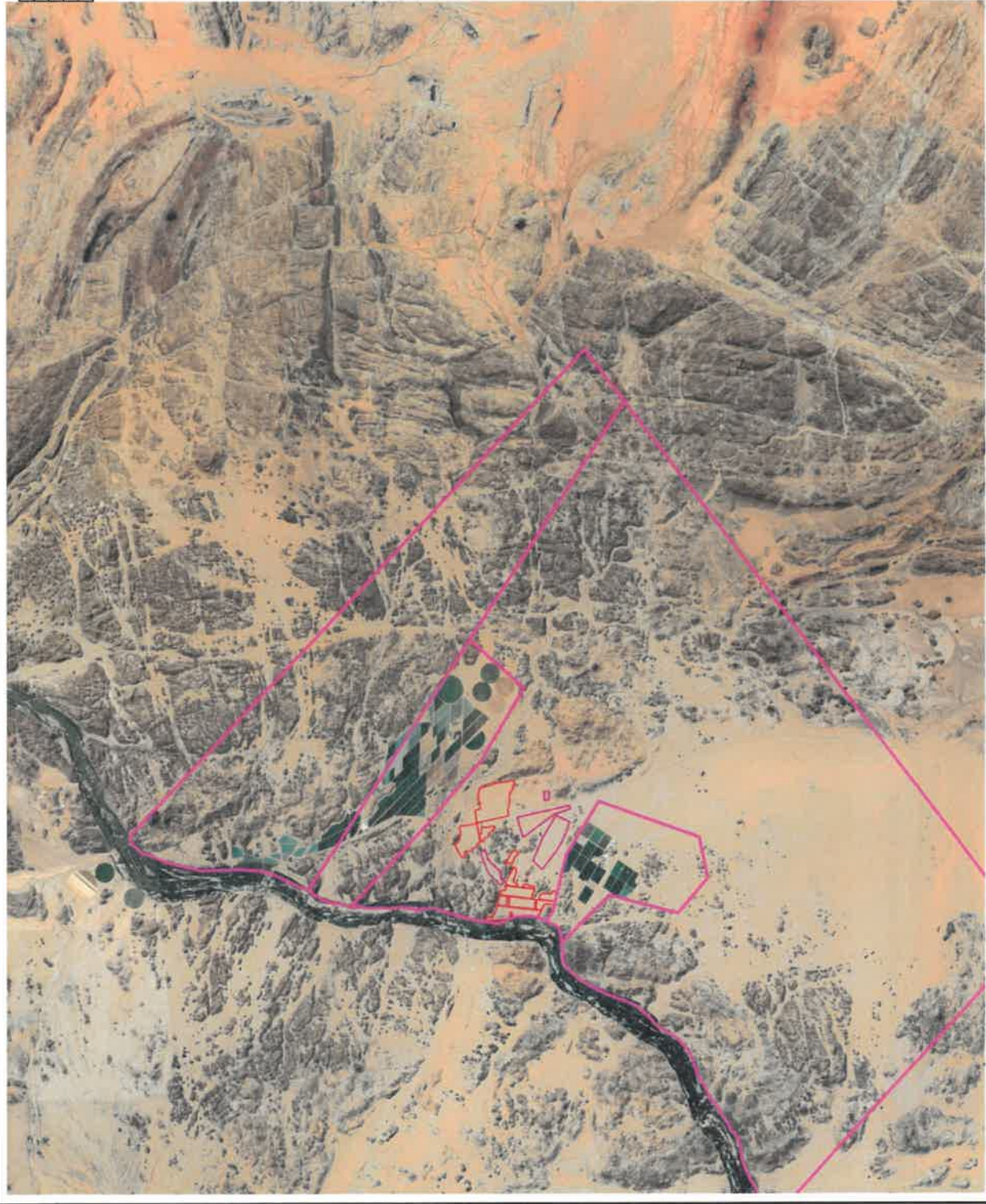
0 3.67 7.3 Kilometers

WGS_1984_Web_Mercator_Auxiliary_Sphere
© Lululu Geographics Group Ltd

Name of Project:	Sityr-Kraai Agricultural Development
Project Ref:	EnviroAfrica_0523
Client:	Schamboua Trust
EAP:	Ansoone Esterhuizen
Date:	01/10/2021

Legend

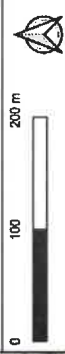
-  Portion 0_ Property Boundary
-  Portion 10_ Property Boundary
-  Portion 20_ Property Boundary
-  Portion 30_ Property Boundary
-  Temp Worker Housing 2 ha
-  Existing Housing
-  Existing Dates 21 ha
-  Vineyard
-  Drying Beds
-  Proposed Dates 26 ha
-  Proposed Dates 40 ha
-  Proposed Dates 12 ha



Name of Project: Slyr-Kraal Agriculture Development
 Project Ref: EnviroAfrica_0523
 Client: Schrambous Trust
 EAP: Anthony Mader
 Date: 11/04/2021

Legend

- Development Footprint
- Drainage Lines (Non-Perennial)
- Orange River
- Artificial Wetland



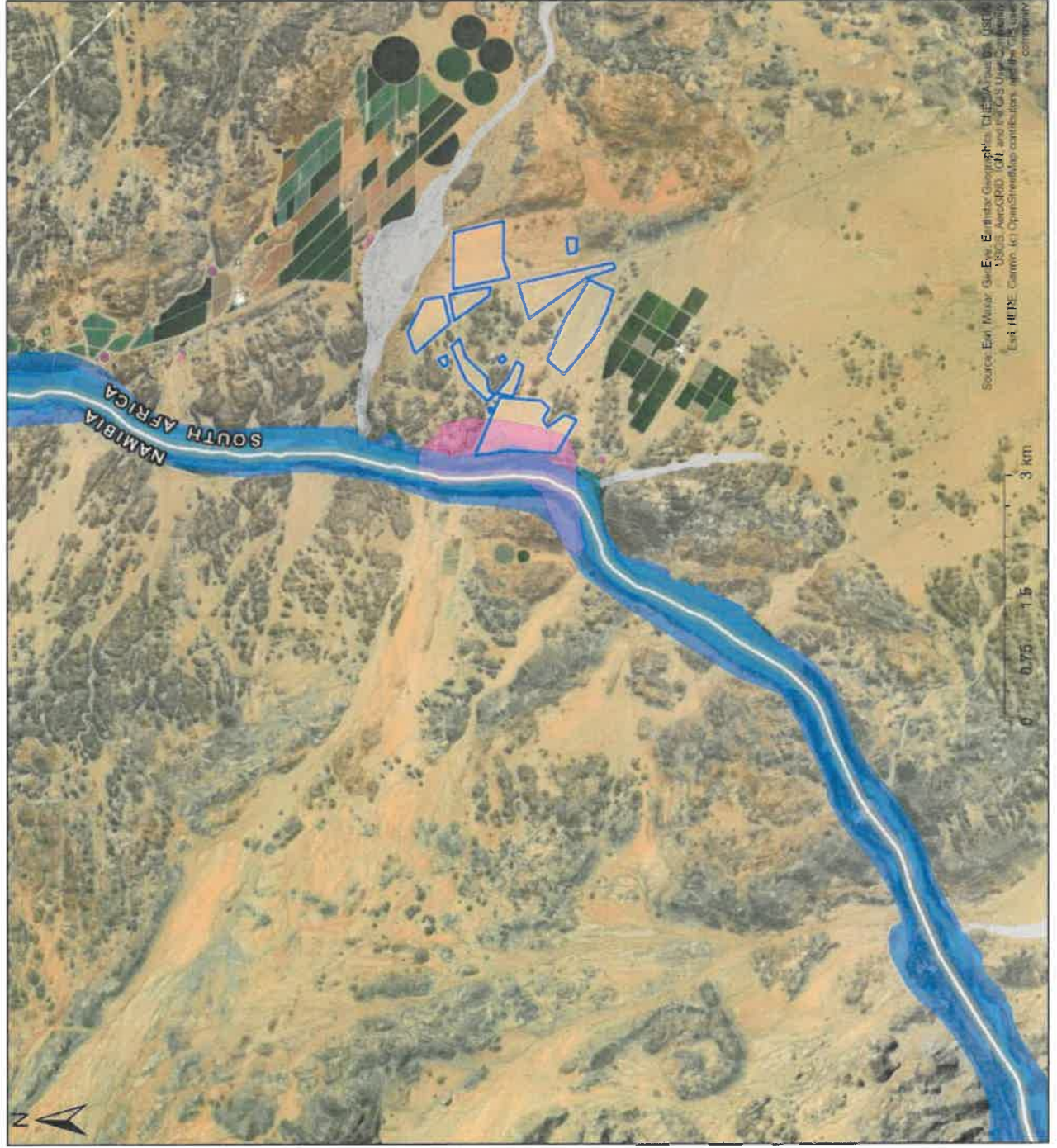
19°30'0"

19°29'42"

19°29'24"

-28°40'30"

-28°40'48"



Vegetation types associated

Legend

Wetlands (NFEPA)

Artificial

Natural

Wetlands (NWM5)

Channelled valley-bottom wetland

River

Scale: 1:72 224

Date created: October 12, 2021

Compiled with CapeFarmMapper

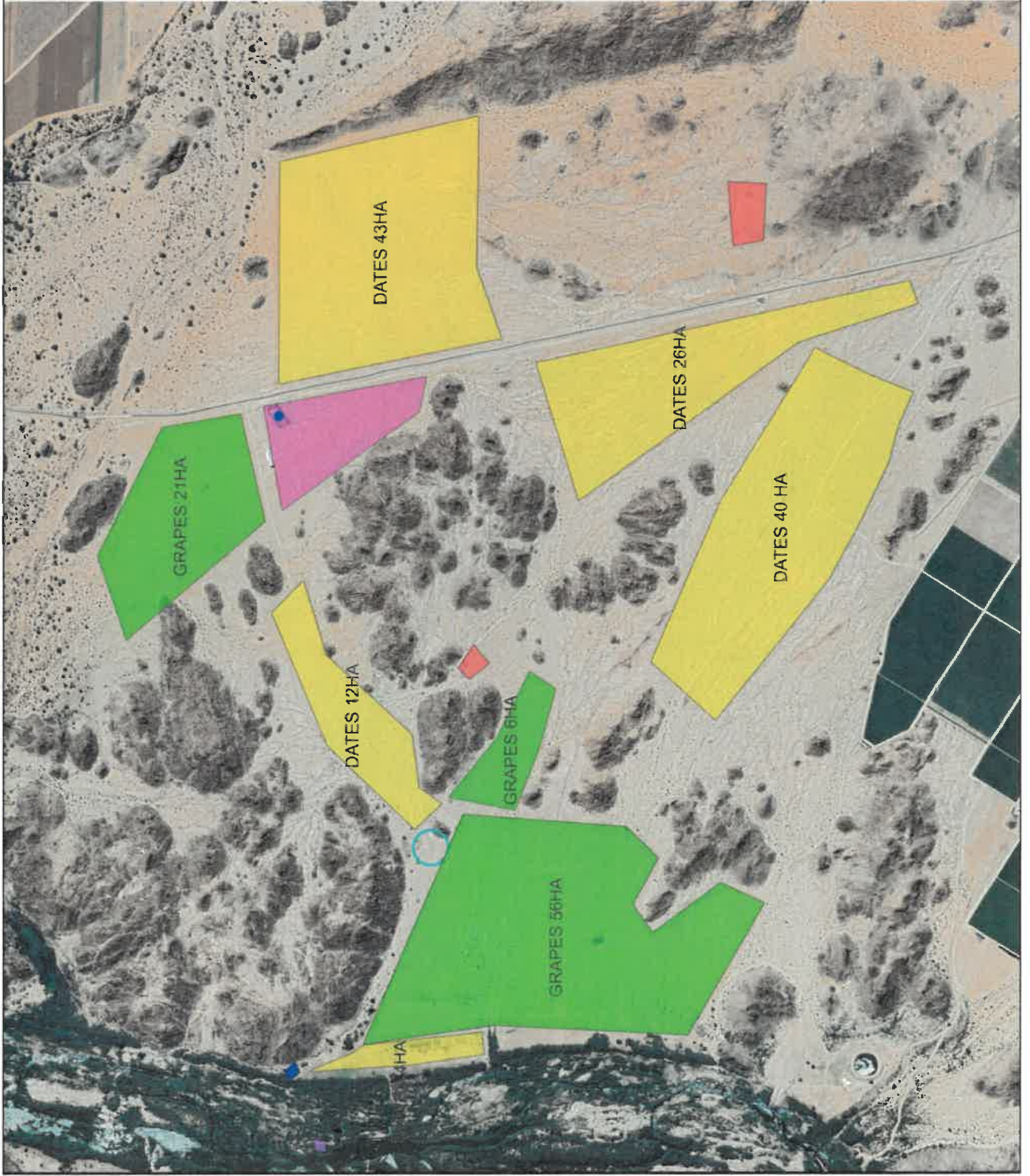


Western Cape
Government
Agriculture

Name of Project: Styr-Kraal Agricultural Development
 Project Ref: EnviroAfrica_0523
 Client: Schambou Trust
 EAP: Anson Esterhuizen
 Date: 01/10/2021

Legend

- WORKERS HOUSING .5HA
- TEMP WORKERS HOUSING 2HA
- PUMPSTATION
- EXISTING STORAGE DAM
- Dam Construction Footprint
- BOOSTER STATION
- GRAPES 21HA
- GRAPES 56HA
- GRAPES 6HA
- DATES 43HA
- DATES 40 HA
- DATES 26HA
- DATES 12HA
- DATES 4HA
- DRYING BEDS 10HA



Name of Project: Stry-Kraal Agricultural Development
 Project Ref: EnviroAfrica_0523
 Client: Schamboua Trust
 EAP: Ansonie Esterhuizen
 Date: 07/10/2021

Legend

- WORKERS HOUSING .5HA
- TEMP WORKERS HOUSING 2HA
- PUMPSTATION
- EXISTING STORAGE DAM
- Dam Construction Footprint
- BOOSTER STATION
- GRAPES 21HA
- GRAPES 56HA
- GRAPES 6HA
- DATES 43HA
- DATES 40 HA
- DATES 26HA
- DATES 12HA
- DATES 4HA
- DRYING BEDS 10HA



0 1 2 km



Appendix 8

Project schedule

2021 Environmental Impact Assessment (EIA) Process: S&EIR
Detailed Project Plan as per NEMA Scoping and EIA Regulations 2014 (as amended):
STYR-KRAAL AGRICULTURAL DEVELOPMENT

No.	Action	Timeline
1	Clarification meeting with client and appointment of environmental assessment practitioner (EAP) for EIA and environmental authorisation (EA) application	August 2020
2	Appointment of specialists for EIR assessments	August 2020 – September 2020
	Botanical Specialist	
	Freshwater Specialist	
	Archaeological Specialist	
3	Draft Scoping Report compilation	September 2021 – October 2021
4	EAP site visit	20 November 2020
5	Public participation (PP): <ul style="list-style-type: none"> - Letter drops (Adjacent Landowner Notification); - Poster placement - Advertisement publication (<i>published on 13th November 2020 - Gemsbok</i>) - Notified ward councillor. PP comment period must be a minimum of 30 days ¹	November 2020
6	Specialist site visits	
	Botanical Assessment (Mr Peet Botes)	TBC
	Freshwater Assessment (Dr Dirk Van Driel)	TBC
	Heritage Impact Assessment (Mr Jan Engelbrecht)	December 2020
Application and Scoping Phase		
8	Application Form Compilation and Submission (Competent Authority have 10 days to respond)	7 days
9	EAP to compile the draft Scoping Report (SR) (incl. the Plan of Study for EIA) and submit with Application Form	10 days
10	If in order, the Department to acknowledge the application.	7 days
11	EAP to notify I&APs (incl. the State departments) EAP to notify the registered I&APs (incl. the State departments) of the availability of the draft SR.	30 days
12	Commenting period of 30 days for I&APs and State departments to comment.	3 days
13	EAP to consider the comments received and complete the final SR.	7 days
14	Following the commenting period, the EAP to submit the Final SR together with any comments received on the final SR to the Department (within 44 days of submission of the Application Form)	10 days
15	Department to acknowledge SR & Plan of Study for EIA.	43 days
16	If in order, the Department to accept the SR & Plan of Study for EIA (within 43 of receipt of Final SR)	
Application and Scoping Phase		
17	EAP to undertake the EIA and compile the draft EIA Report ("EIAR") (including the draft EMP)	40 days
18	EAP to notify registered I&APs (incl. the State departments) of the availability of the draft EIAR for comment.	7 days
19	Commenting period of 30 days for I&APs and State departments.	30 days
20	EAP to consider the comments received and complete the Final EIAR.	7 days
21	Following the commenting period the EAP to submit the final EIR together with any comments received on the final EIR to the Department.	10 days
22	Department to acknowledge EIR.	107 days
23	After having received the EIR, the Department to decide whether or not to grant or refuse Environmental Authorisation (within 107 days)	20 days
24	Applicant/EAP to notify I&APs of outcome and if authorised may only commence 20 days after the date of the authorisation.	

¹As per section 4 of the 'Directions Regarding Measures to Address, Prevent and Combat the Spread of COVID-19 Relating to National Environmental Management Permits and Licenses', published on the 5th June 2020 by the Department of Environment, Forestry and Fisheries (DEFF). **Please note:** the dates above may be subject to change should the Department of Environmental Affairs, Forestry and Fisheries (DEFF) and the Department of Environment and Nature Conservation (DENC) issue any new directives and legislated timeframes.

APPENDIX 9

DECLARATION OF THE APPLICANT

I, Zandiswa S. Vink, declare that I -

- am, or represent¹, the applicant in this application;
- have appointed / will appoint (delete that which is not applicable) an environmental assessment practitioner to act as the independent environmental assessment practitioner for this application / will obtain exemption from the requirement to obtain an environmental assessment practitioner²;
- 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 Regulations, 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 or MEC 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 the Regulations and will take reasonable steps to verify that the EAP
 - know the Act and the regulations, and how they apply to the proposed development
 - know any applicable guidelines
 - perform the work objectively, even if the findings do not favour the applicant
 - disclose all information which is important to the application and the proposed development
 - have expertise in conducting environmental impact assessments
 - complies with the Regulations
- will inform all registered interested and affected parties of any suspension of the application as well as of any decisions taken by the competent authority in this regard;
- 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 which the applicant or environmental assessment practitioner is responsible for in terms of these Regulations;
- will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to obtaining an environmental authorisation or prior to an appeal being decided in terms of these Regulations;
- will perform all other obligations as expected from an applicant in terms of the Regulations;
- all the particulars furnished by me in this form are true and correct; and
- I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms of section 24F of the Act.

¹ If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached.

² If exemption is obtained from appointing an EAP, the responsibilities of an EAP will automatically apply to the person conducting the environmental impact assessment in terms of the Regulations.

M. S. Vink
2011/30-2

M.

Signature³ of the applicant/ Signature on behalf of the applicant:

[Handwritten Signature]
Name of company (if applicable):
!Kluis Local Municipality

Date:
30 JUNE 2020.

Signature of the Commissioner of Oaths:
[Handwritten Signature]

Date:
20/06/20

Designation:
SCJ

Official stamp (below):



³ Only original signatures will be accepted. No scanned, copied or faxed signatures will be accepted.
⁴ If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority. An EAP may not sign on behalf of an applicant.

**APPENDIX 10
DECLARATION OF THE EAP**

I, Ansone' Esterhuizen, declare that –

- I act as the independent environmental assessment practitioner in this application;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant;
- I will take into account, to the extent possible, the matters listed in Regulation 13 of the Regulations when preparing the application and any report relating to the application;
- I undertake to disclose to the applicant and the Competent Authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the Competent Authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the Competent Authority, unless access to that information is protected by law, in which case it will be indicated that such information exists and will be provided to the Competent Authority;
- I will perform all obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I am aware of what constitutes an offence in terms of Regulation 48 and that a person convicted of an offence in terms of Regulation 48(1) is liable to the penalties as contemplated in Section 49B of the Act.

Disclosure of Vested Interest (delete whichever is not applicable)

- I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Regulations;

A Esterhuizen
Signature of the environmental assessment practitioner

Enviro Africa cc
Name of company:

09/11/2021
Date

Appendix 11

Screening Tool and Site Sensitivity Verification Report



SITE SENSITIVITY VERIFICATION (SSV) REPORT

PROJECT DESCRIPTION: STYR-KRAAL AGRICULTURAL DEVELOPMENT: PROPOSED STYR-KRAAL AGRICULTURAL DEVELOPMENT ON THE REMAINING EXTENT OF PORTION 0 OF FARM STYR-KRAAL, FARM NO. 81, POFADDER, KHÂI-MA LOCAL MUNICIPALITY, NAMAKWA DISTRICT MUNICIPALITY

INTRODUCTION:

This Site Sensitivity Verification (SSV) Report was undertaken in terms of the *Protocols for the Assessment and Minimum Criteria for Reporting on identified Environmental Themes* (referred to “the Protocols” hereafter) as per Government Notice No. 320 (published in Government Gazette No. 43110 on 20 March 2020)¹. These Protocols, effected as on the 9th May 2020, must be complied with for every new application submitted after the effective date. According to the Protocols, the EAP must verify the current use of the proposed site for development as well as the site’s environmental sensitivity, in accordance with the DEA Screening Tool (Appendix E – DEA Screening Tool), to determine the need for specialist inputs in relation to the themes (and proposed specialist assessments) included in the Protocols.

METHODOLOGY:

The Site Sensitivity Verification (SSV) report was compiled based on desktop studies [including Biodiversity Spatial Plan, vegetation maps (Vegetation map of SA (Mucina & Rutherford, 2006)), NFEPA, land-use map, google earth imagery, historical imagery, and QGIS), specialist input (Botanical, Freshwater, and Heritage inputs) in combination with a site visit to investigate, identify, and evaluate potential impacts, associated with the proposed development, on the receiving environment (namely the proposed site for development). The SSV report was compiled by the EAP (Mr Anthony Mader).

AIM OF THE SSV REPORT:

The aim of the SSV Report is to;

- Verify land use and theme sensitivities as identified by the DEA Screening Tool;
- Confirm or disconfirm the need for a particular specialist assessment(s) as indicated by the DEA Screening Tool; and
- Should the need for a specialist assessment be challenged, provide a motivation as to why the proposed a particular theme(s) is not applicable to the proposed development.

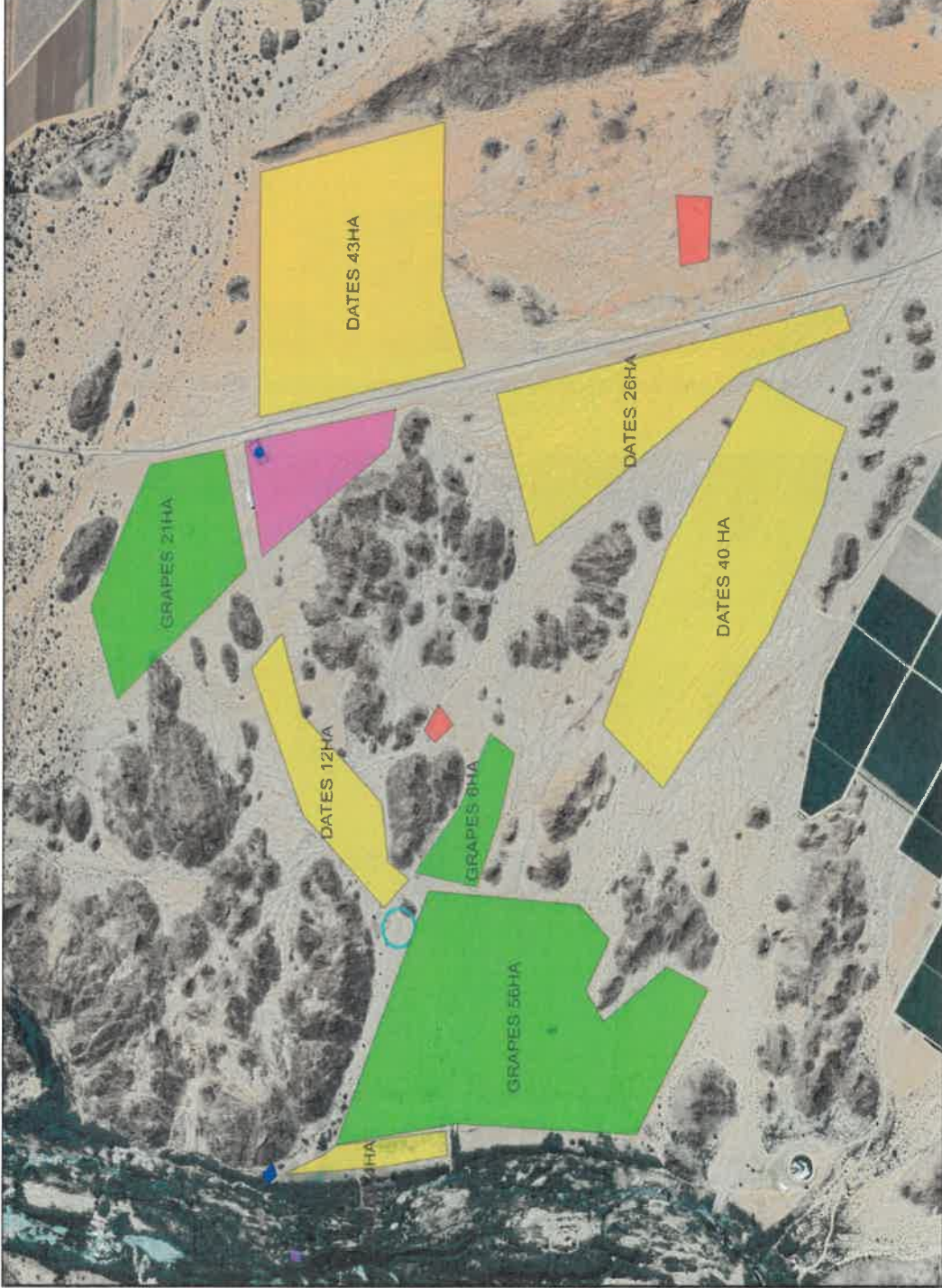
¹ The Protocols are in line with Section 24(5)(a) and (h) and Section 44 of the National Environmental Management Act (NEMA), 1998 (Act No. 107 of 1998).

Please note: that this SSV report must be read in combination with the Draft Scoping Report as well as applicable specialist reports. This will aid in contextualizing the transformed / disturbed status of the proposed site for development. Please refer to the Draft Scoping Report for more information.

SITE DESCRIPTION:

The Schamboua Trust is proposing the development of the Styr-Kraal Agricultural Development, and associated infrastructure, on Remaining Extent of Portion 0 of Farm Styr-Kraal, Farm No. 81, Pofadder, situated within Ward 1 of the Khâi-Ma Local Municipality, Namakwa District Municipality (Figure 1). The total area to be developed measures approximately 155 (one hundred and fifty-five) hectares. The site is located approximately 51km north of Pofadder at the following co-ordinates: 28°40'39.90"S; 19°31'2.93"E. The proposed agricultural development graphical represents the constituents of the proposed development (Figure 1).

Name of Project:	Stry-Kraal Agricultural Development
Project Ref:	EnviroAfrica_0623
Client:	Schamboua Trust
EAP:	Axene's Esterhuysen
Date:	01/10/2021



Legend

- WORKERS HOUSING 5HA
- TEMP WORKERS HOUSING 2HA
- PUMPSTATION
- EXISTING STORAGE DAM
- Dam Construction Footprint
- BOOSTER STATION
- GRAPES 21HA
- GRAPES 56HA
- GRAPES 6HA
- DATES 43HA
- DATES 40 HA
- DATES 26HA
- DATES 12HA
- DATES 4HA
- DRYING BEDS 10HA





Figure 2. Overview of characteristics associated with the proposed site for development.



Figure 3. Overview of characteristics associated with the proposed site for development.

Table 1. Themes and associated sensitivity as per the DEA Screening Tool.

No	Theme	DEA Sensitivity	Agree / Disagree	Proposed Sensitivity	Motivation
1	Agriculture Theme	Very High Sensitivity	Agree	Very High Sensitivity	The proposed development is for the development of approximately 142ha of cropland (namely grapes and dates). Therefore, this project is in line with the high sensitivity. Although the site was previously cultivated, the project will promote agriculture within the area. The proposed development is required to ensure the long-term economic viability and sustainability of the production of grapes and dates. Moreover, the proposed dam will ensure a reliable water supply for irrigation. Various climatic drivers, namely higher temperatures and drier conditions further exacerbate the impact of drought events on the agricultural sector ² , which require careful planning and adequate responses to sustain and grow the sector. In this area, the agricultural industry depends on water abstracted from the Orange River for irrigation. Furthermore, the proposed development is in line with the land capability and pivot irrigation as highlighted in the DEA Screening Tool. Thus, this project is in line with the Agricultural Theme Sensitivity and therefore, it is envisaged that the proposed development will not compromise the agricultural themem sensitivity.
2	Animal Species Theme	Medium Sensitivity	Disagree	Low Sensitivity	As per the DEA Screening Tool, the animal species sensitivity was associated with the rocky outcrops (Figure 4). It must be note that the rocky outcrops occur outside of the proposed development footprint. Rocky outcrops are prominent geological features present in agricultural landscape where the need to conserve these rocky outcrops presents a gap in literature ³ . Rocky outcrops may also create potential refugia for animals amid climate change ⁴ . Therefore, specific rocky outcrop management actions may be required which includes the protection of rocky outcrops from anthropogenic activities which may negatively impact the microhabitat of rockys present in the outcrops. Potential impacts will be addressed. No animal species were observed during the site visit.

² Zscheischler, J., Martius, O., Westra, S., Bevacqua, E., Raymond, C., Horton, R.M., van den Hurk, B., AghaKouchak, A., Jézéquel, A., Mahecha, M.D. and Maraun, D. 2020. A typology of compound weather and climate events. *Nature reviews earth & environment*, pp.1-15.

³ Michael DR, Lindenmayer DB, Cunningham RB. Managing rock outcrops to improve biodiversity conservation in Australian agricultural landscapes. *Ecological Management & Restoration*. 2010 Apr;11(1):43-50.

⁴ García MB, Domingo D, Pizarro M, Font X, Gómez D, Ehrfén J. Rocky habitats as microclimatic refuges for biodiversity. A close-up thermal approach. *Environmental and Experimental Botany*. 2020 Feb 1;170:103886.


					
3	Aquatic Biodiversity Theme	Very High Sensitivity	Disagree	High Sensitivity	<p>A portion of the proposed development, namely the area proposed for date production, is located within a wetland and in close proximity to a non-perennial watercourse (north of the proposed development). The proposed abstraction point (28°40'11.07"S; 19°29'33.32"E) is also located within the Orange River. A Freshwater Assessment was undertaken due to the need for a (i) WUA, and (ii) to determine the potential impact of the proposed development on the watercourse. During the site visit, no saturated areas or vegetation characteristic of a wetland, were observed.</p>
4	Archaeological and Cultural	Low Sensitivity	Agree	Low Sensitivity	<p>As per the HIA (appended to Draft Scoping Report), no archaeological or heritage resources were recorded within the development footprint. Therefore, it is agreed that the site has a low Archaeological and Cultural Heritage sensitivity.</p>

Figure 4. Rocky outcrops outside of the development footprint.

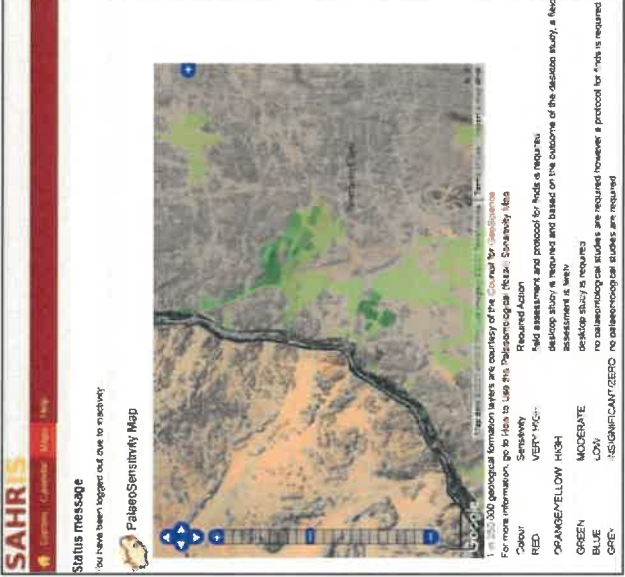
	Heritage Theme				
4	Civil Aviation Theme	High Sensitivity	Disagree	Low Sensitivity	<p>Although the site is located within 8km of a civil aviation aerodrome, the nature of the proposed development (i.e. agricultural development) is highly unlikely to impact any civil aviation activities as the nature of the proposed development is in line with surrounding land uses (i.e. agriculture to the north and south of the proposed site).</p> <p>There are no defence related structures or zones on the site or within close proximity to the site. Therefore, it is envisaged that the proposed development will not impact on any defence related theme.</p>
5	Defence Theme	Low Sensitivity	Agree	Low Sensitivity	<p>As per the SAHRIS Paleontological Online Map Tool (https://sahris.sahra.org.za/map/palaeo/), the proposed site is situated within an area of low paleontological significance (represented as green and grey in Figure 5). Therefore, it is envisaged that the proposed development is unlikely to impact any paleontological features.</p>
	Paleontological Theme	Medium Sensitivity	Disagree	Low Sensitivity	

Figure 5. Paleontological sensitivity of the proposed site for development. Source: SAHRIS.

				However, findings from the Paleontological desktop study (appended to Draft Scoping Report) shows that the Palaeontological Sensitivity of the Kalahari Group is moderate while that of the Daberas Granodiorite and Schuitdrift Gneiss is zero and that the proposed impact on the Paleontological Theme is classified as low.
6	Plant Species Theme	Medium Sensitivity	Disagree	Low Sensitivity As per Figures 2 and 3, the site may be characterized as having a disturbed and sparse vegetation structure. Therefore, it is envisaged that the proposed development is highly unlikely to impact any plant species of conservational value. However, due to the size of the proposed development, a Botanical Impact Assessment will be conducted.
7	Terrestrial Biodiversity Theme	Very High Sensitivity	Disagree	High Sensitivity Please refer to "Animal Species Theme". Please note that a Botanical Impact Assessment will be conducted.

Table 2. Specialist assessments identified as per the DEA Screening Tool.

No	Proposed Specialist Assessment	Verification of Site Sensitivity And Motivation On The Need For Specialist Investigation	Will the specialist study be conducted?
1	Landscape/ Visual Impact Assessment	The nature of the proposed development (i.e. agricultural development) is in line with surrounding land uses (namely agricultural developments located to the north and south of the proposed site) and will therefore, not be a novel visual impact. Therefore, it is envisaged that a Visual Impact Assessment will not be required.	No. It is envisaged that a Landscape/ Visual Impact Assessment will not be required.
2	Archaeological and Cultural Heritage Impact Assessment (HIA)	As per section 38 of the National Heritage Resources Act, 1999 (Act 25 of 1999), and more specifically section 38. (1) (c) - any development or other activity which will change the character of a site- (i) <i>exceeding 5 000 m² in extent;</i> The proposed development footprint is comprised of disturbed land. A Heritage Impact Assessment (appended to Draft Scoping Report) has been undertaken. As per the HIA, no archaeological sites, features or resources were identified within the proposed development footprint. This includes a full Paleontological desktop study.	A Heritage Impact Assessment and full paleontological desktop study was conducted.

3	Palaeontological Impact Assessment	A full Palaeontological desktop study was undertaken where the Palaeontological Sensitivity of the Kalahari Group is moderate while that of the Daberas Granodiorite and Schuitdrift Gneiss is zero. Results obtained from the desktop study shows that the proposed development will have a low impact on the paleontological resources. No mitigation measures are required.	A Heritage Impact Assessment and full paleontological desktop study was conducted.
4	Terrestrial Biodiversity Assessment	No animals were noted on site during the site visit. A Botanical Study will be conducted. Therefore, it is envisaged that the proposed development is highly unlikely to impact any plant species of conservational value.	A Botanical Assessment will be conducted.
5	Aquatic Biodiversity Impact Assessment	As per the DEA Screening Tool, the Aquatic Biodiversity Theme is classified as Very High. A Freshwater Assessment will be conducted.	A Freshwater Assessment will be conducted.
6	Hydrological Assessment	Please see comment above.	
7	Socio-economic Assessment	All comments received from I&APs will be addressed and responded to by the relevant personnel, namely the EAP, Applicant, and/ or Specialists. Conditions and measures will be implemented to mitigate any impacts on socioeconomic development within the area and surrounds. Therefore, it is envisaged that a Socio-economic Assessment will not be required. <i>Please refer to the Draft Scoping Report for more information.</i>	No, it is envisaged that a socio-economic assessment will not be required.
8	Plant Species Assessment	Although the Plant Species Theme was classified as Medium (see DEA Screening Tool), a Botanical Assessment will be conducted. The proposed site is located within the Lower Gariep Alluvial Vegetation type and Lower Gariep Broken Veld vegetation type, vegetation types classified as Least Threatened. During the site visit, the vegetation structure may be described as disturbed, sparse vegetation. Therefore, it is envisaged that the proposed development is highly unlikely to impact any plant species of conservational value.	Yes, a Botanical Assessment was conducted.
9	Animal Species Assessment	No animals were noted on site during the site visit however, conditions and measures will be addressed and stipulated in the Draft EIR and EMPr to mitigate potential impact(s) of the proposed development on animal species. This will include the management of rocky outcrops and conducting earth moving activities in phases (to enable any animal species which may be present to move away from the area and to reduce soil erosion). Therefore, it is envisaged that no Animal Species Assessment will be required.	No, it is envisaged that an Animal Species Assessment will not be required.
10	Civil Aviation	Although the site is located within 8km of a civil aviation aerodrome, the nature of the proposed development (i.e. agricultural development) is highly unlikely to impact any civil aviation activities as the nature of the	No, it is envisaged that a Civil Aviation assessment will not be required.

		<p>proposed development is in line with surrounding land uses (i.e. agriculture to the north and south of the proposed site).</p>	
11	Defence	<p>There are no defence related structures or zones on the site / within close proximity to the site. Due to the nature of the proposed project, i.e. Agricultural Development, it is envisaged that the proposed expansion will not impact any defence-related activities.</p>	<p>No, it is envisaged that a Defence assessment will not be required.</p>



Please do not hesitate to contact me should you require any further information or clarity on the above.

Best Regards,

Ansoné Esterhuizen



Environmental Assessment Practitioner

EnviroAfrica cc

p: +27 21 851 1616 m: 076 714 1234

f: +27 86 512 0154

a: Unit 7, Pastorie Park, Reitz St, Somerset West, 7130
P.O. Box 5367, Helderberg, 7135

w: www.enviroafrica.co.za e: info@enviroafrica.co.za

