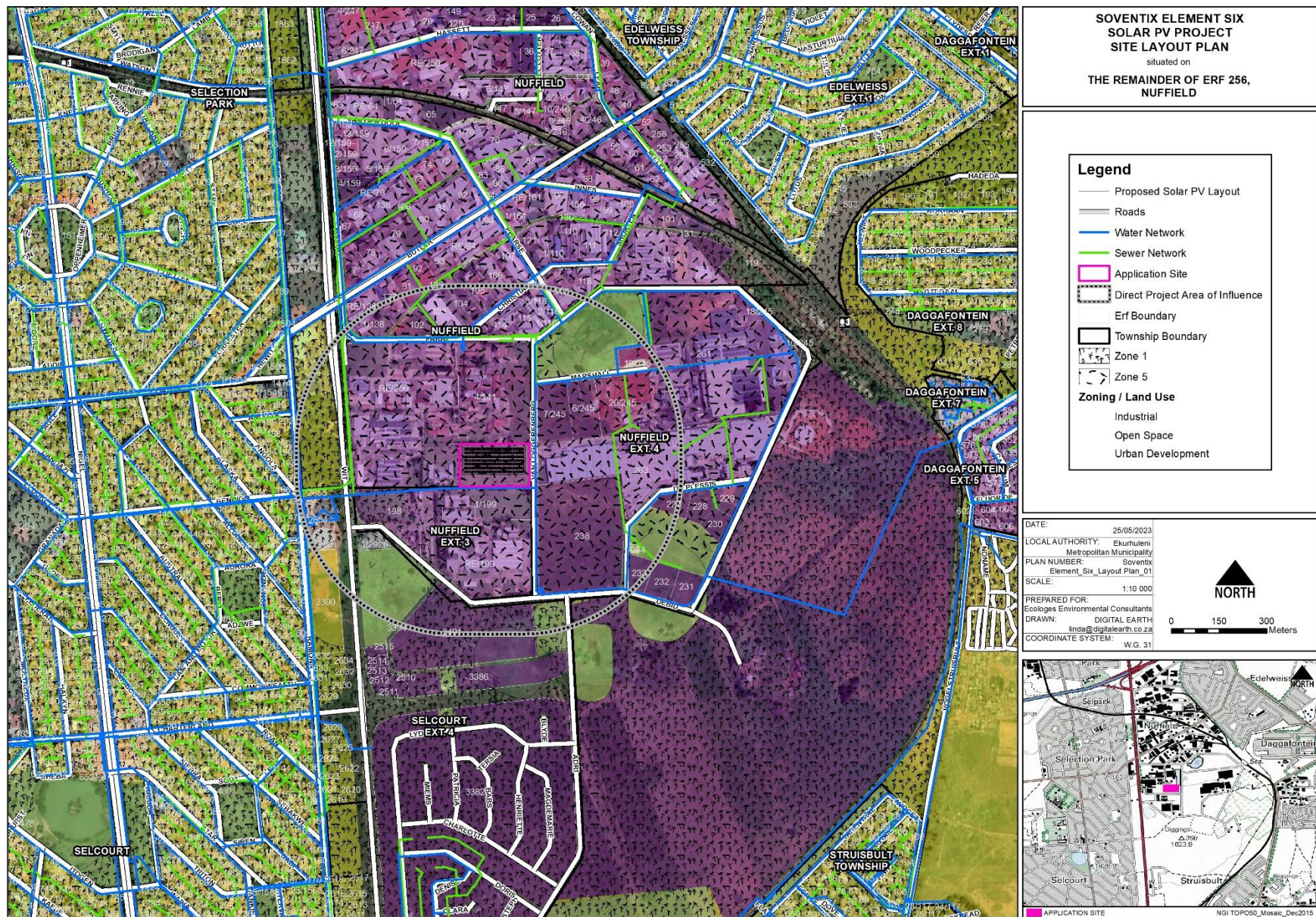


SECTION F: APPENDICES

The following appendixes must be attached as appropriate (this list is inclusive, but not exhaustive):

It is required that if more than one item is enclosed that a table of contents is included in the appendix

Appendix A: Site plan(s) – *(must include a scaled layout plan of the proposed activities overlain on the site sensitivities indicating areas to be avoided including buffers)*



Element Six Locality Map

Appendix B: Photographs



Photo 1: Northern view of the site.



Photo 2: North Eastern view of the site.



Photo 3: Eastern view of the site.



Photo 4: South Eastern view of the site.



Photo 5: Southern view of the site.



Photo 6: South Western view of the site.



Photo 7: Western view of the site.



Photo 8: North western view of the site.



Photo 9: Ariel view of the site.

Appendix C: Facility illustration(s)



Appendix D: Route position information

Not Applicable.

Appendix E: Public participation information

Appendix 1 – Proof of site notice



Picture 1 : Site Notice Picture at the Parking Area outside the Reception Area of Element Six.

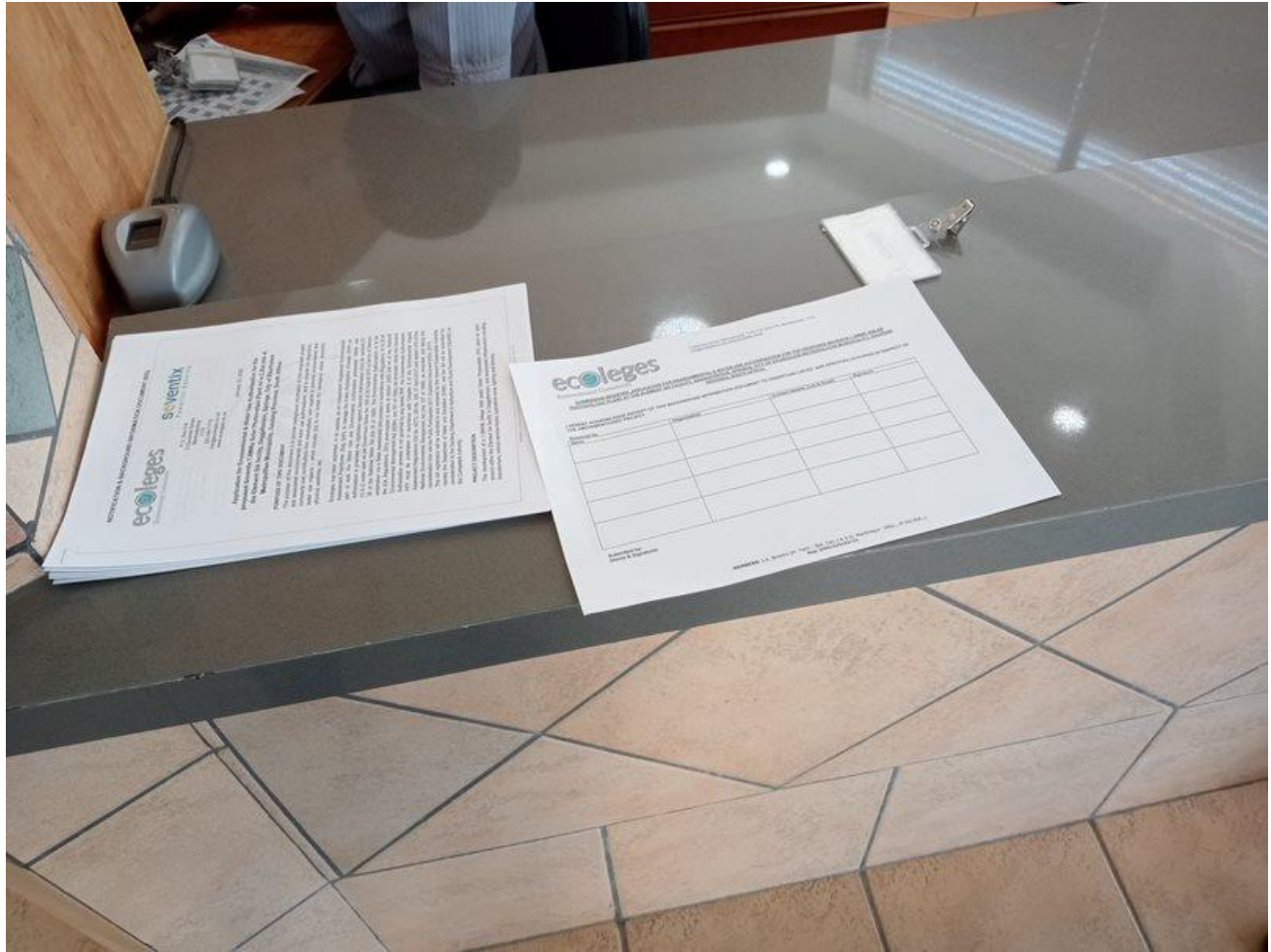


Picture 2 : Site Notice Picture on the fence at the entrance turnoff towards the Element Six facility.



Picture 3 : Close up of the Site Notice pictures.

Appendix 2 – Written notices issued as required in terms of the regulations



Picture of the Background Information Document (BID) left at the Element Six Reception Area for any Interested Party to take and fill in the register.

Written notification of application for an Environmental & Water Use Authorisation (Element Six Solar PV Plant) - Message (HTML)

File Message Help ESET

Delete Archive Move Reply Reply All Forward Move to: Mark Unread Find Read Aloud Immersive Reader Zoom

Written notification of application for an Environmental & Water Use Authorisation (Element Six Solar PV Plant)

Hlengile <hlengile@ecoleges.co.za>
To hlengile@ecoleges.co.za
Cc 'Justin Bowers'; 'phethile@ecoleges.co.za'
Bcc 'info@ekurhuleni.gov.za'; 'city.manager@ekurhuleni.gov.za'; 'portia.mthethwa@ekurhuleni.gov.za'; 'Elsabe.steyn@ekurhuleni.gov.za'; 'Fani.mabena@ekurhuleni.gov.za'; 'freddie.aucamp@ekurhuleni.gov.za'; 'lucky.tsekeli@ekurhuleni.gov.za'; **+46 others**

You forwarded this message on 2023/01/30 14:27.
This message was sent with High importance.

BID-Element 6 Solar PV (26 Jan 2023).pdf
611 KB

Good morning Ladies and Gentlemen,

Kindly find attached the Background Information Document (BID) for the proposed development of a ground-mounted 1.8MWp solar photo voltaic (PV) plant within the Element Six facility on erf 256 Nuffield Township, Registration Division I.R., in the City of Ekurhuleni Metropolitan Municipality, Springs region of Gauteng Province, South Africa.

Please take the time to review the BID and register should you have an interest in or be affected by the proposed development.

We are in the process of identifying all potential interested and affected parties, and wish to include all organs of state which have jurisdiction in respect of the activity to which the application relates. One such method of achieving this is the 'Network' or 'Chain Referral System'. Please can you be so kind as to provide us with the name and contact details of the relevant person(s) with whom you recommend we should engage on matters of this nature.

POPIA Consent. Kindly be advised that should you receive unsolicited correspondence directly from us, and you are (i) an occupier, owner or person in control of the site where the activity is being undertaken, (ii) an owner, person in control or occupier of land adjacent to the site where the activity is being undertaken, (iii) the municipal councillor of a ward, (iv) any organization of ratepayers that represents the community, (v) a municipality, (vi) any organ of state having jurisdiction in respect of any aspect of the activity, or (vii) any other party as required by the competent authority, then we were required to give you notice in terms of EIA Regulation 41(2), and had to therefore derive your information, including name, contact details and address, from a public record. Alternatively, you may have been referred to us. If you are not an organ of state, did not submit written comments or attend meetings, did not request in writing for your name to be placed on the register, then we are not obligated in terms of EIA Regulation 42 to retain a record of your personal information in a register of interested and affected parties (I&APs), and as such, must obtain proof of consent provided by yourself. To this effect, kindly reply to us by email and confirm your consent as described below. Alternatively, you are welcome to request that we delete your information from our records (the register of I&APs). Thank you.

☐ I, in my capacity as the data subject, give consent to ecoleges, in its capacity as the responsible party, to process my personal information for purposes of pursuing its legitimate interests or those of a third party to whom the information is supplied, but limited to (1) the submission of notices relating to the application of the EA & GA, (2) transferring the same information to a third party, including registered I&APs, the competent authority and applicant or holder of the environmental authorisation, (3) submitting a copy of an appeal against a decision to grant or refuse environmental authorisation, and/or (4) submission of environmental audit reports (containing recommendations for amending the EMP) for comment.

Do not hesitate to contact us should you have any queries or concerns.

Kind Regards,
Hlengile Mtsweni (N Dip. Env. Sci.)
Environmental Consultant

ecoleges
Environmental Consultants

"Empowering South Africans to make environmentally responsible decisions"

Windows taskbar: Type here to search, 16°C Partly sunny, 11:38 2023/03/13

Screenshot of the BID Distributed to the Potential Interested & Affected Parties on the 26th of January 2023.

Appendix 3 – Proof of newspaper advertisements

PUBLIC PARTICIPATION PROCESS (PPP) NOTICE TO UNDERTAKE AN APPLICATION FOR ENVIRONMENTAL AUTHORISATION (EA) AND REGISTRATION OF WATER USES UNDER GENERAL AUTHORISATION (GA)

Notice is hereby given in terms of Chapter 6 of the Environmental Impact Assessment Regulations (GG No. 38282, GN No. 982, 4 December 2014), as amended and section 47D of the National Environmental Management Act (Act 107 of 1998) as amended, taking into consideration *inter alia* the Public Participation Guideline Document (DEA, 2017) for an application for Environmental Authorisation as well as registration of section 21(c) & (i) water uses under General Authorisation for the proposed development of the Soventix-Element Six 1.8MWp Solar Photo-Voltaic Plant, Daggafontein, Springs, City of Ekurhuleni Metropolitan Municipality, for the following authorisations:

Water Use

A General Authorisation registration (Government Notice No. 509 of 26 August 2016) in terms of Section 39 of the National Water Act (Act 36 of 1998), is required for the following water uses:

- Section 21(c): impeding or diverting the flow of water in a watercourse; and
- Section 21(i): altering the bed, banks, course or characteristics of a watercourse.

Environmental Authorisation

An Environmental Authorisation is required for the development of the proposed Soventix-Element Six Solar PV Plant as per the following Listed & Specified Activities through a Basic Assessment (BA) process:

Listing Notice 1 (GG No. 38282, GN No. R. 983, 4 December 2014), as amended:

Listed Activity 11

The development of facilities or infrastructure for the generation of electricity from a renewable resource where—

- (i) the electricity output is more than 10 megawatts but less than 20 megawatts; or
- (ii) the output is 10 megawatts or less but the total extent of the facility covers an area in excess of 1 hectare; excluding where such development of facilities or infrastructure is for photovoltaic installations and occurs—
- (a) within an urban area; or
- (b) on existing infrastructure.

Listed Activity 27

The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation, except where such clearance of indigenous vegetation is required for—

- (i) the undertaking of a linear activity; or
- (ii) maintenance purposes undertaken in accordance with a maintenance management plan.

Listing Notice 3 (GG No. 38282, GN No. R. 985, 4 December 2014, as amended):

Specified Activity 12

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.

c. Gauteng

- 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;
- ii. Within Critical Biodiversity Areas or Ecological Support Areas identified in the Gauteng Conservation Plan or bioregional plans; or
- iii. 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.

Should you require further information, want to make representations in respect of the application, including an appeal and/or request to be registered as an Interested and Affected Party, kindly submit in writing your name, contact details including postal & email address, and interest in the matter to the contact person and in the manner(s) provided below; within 30 days of the date of this advertisement. Date of publication of this notice: 26 January 2023.

Applicant: Soventix South Africa (Pty) Ltd

Consultant: Ecoleges Environmental Consultants

Contact person: Justin Bowers, Cell: 082 451 5608, Fax: 086 697 9316, e-mail: justin@ecoleges.co.za, PO Box 516, Machadodorp, 1170, www.ecoleges.co.za

NOTICE OF ATMOSPHERIC EMISSION LICENCE RENEWAL APPLICATION

Applicant:

Ardagh Glass Packaging South Africa (Pty) Ltd

Notice is hereby given in terms of Section 38 (3) of the National Environmental Management: Air Quality Act, Act 39 of 2004 for Ardagh Glass Packaging South Africa's intention to apply for the renewal of the Air Emission Licence for its Nigel Facility situated at 1 Visagie Road, Pretoriusstad, Nigel. The licensing authority is the Ekurhuleni Metropolitan Municipality. The Nigel Facility is classified as a Category 5 and Sub-category 5.8 (Glass and mineral wool production) listed activity in terms of Section 21 of the afore-mentioned Act.

Any person or organisation that wishes to comment on the application may make submissions to Thabo Ramonetha (011) 365 2600 or Thabo.Ramonetha@ardaghgroup.com. Submissions can be made for a 2-week period closing on 08 Feb 2023.

SCHEDULE 22 - SPECIAL CONSENT USE APPLICATIONS ADVERT TEMPLATE
NOTICE OF APPLICATION FOR A SPECIAL CONSENT USE APPLICATION IN TERMS OF SECTION 58 OF THE CITY OF EKURHULENI METROPOLITAN MUNICIPALITY SPATIAL PLANNING AND LAND USE MANAGEMENT BY -LAW 2019 READ WITH THE CITY OF EKURHULENI LAND USE SCHEME, 2021. (Property Description)

NOTICE IS HEREBY given that in terms of section of the city of Ekurhuleni metropolitan municipality spatial planning and land use management by-law 2019 read with the city of Ekurhuleni land uses scheme, 2021. I/we the undersigned, (Ezra Ketsikile) have applied to the city of Ekurhuleni Metropolitan Municipality for special consent to use 1311 Ugwidi Street, Ramaphosa, Ext 5, Boksburg (property description) and the existing building thereon for the following purpose (TAVERN)

The land is zoned "Residential 2" in terms of the abovementioned Land Use Scheme. Plan and/or particulars relating to the application may be inspected during office hours at: The manager, Town planning City planning office: Boksburg subsector Physical address 2nd floor, Boksburg Civic Centre, c/o Trichards Road & Market Street Postal Address: P.O. Box 215 Boksburg, 1460

Any person having any objection to the granting of this application must lodge such objection in writing, together with the grounds thereof, with the manager, Town planning, at the abovementioned address or by email to Francois.Vos@ekurhuleni.gov.za, not later than 28 days from the date of the first advertisement

Date of the first advertisement: 18 January 2023

DR. MAMA NKOMO
068 597 8599

Bring back lost lover in one day.
The person will phone you & apologize. Divorce or court issue.
Financial problems and debts.
Preventing your partner from cheating on you. Making your partner love you alone. Get a divorce settlement quickly from your ex partner. Remove of bad luck and debts.
Buy a house or dream car. I help students to pass their exams/interviews. I help those seeking employment. Speed up money claim spell, delayed payments, pension & accident funds. Unfinished jobs by other doctors if not satisfied, come to me.
Win business tenders & contracts. Do u need to recover your lost property. Promotion at work and better pay. Do you want to be protected from bad spirit nightmares? Are you a herbalist who wants to get more powers? Have you tried to fall pregnant but failed? See results in 2 weeks after intercourse. Why you can't keep money or lovers? Why you have a lot of enemies? Why you are fired regularly on job?

COME WITH ANY PROBLEM, I WILL HELP YOU

Kwa Beto Chemisi yesintu eisleni to Las Vegas Shopping Centre
060 402 2635 | 063 501 7627



• **Isnyama Mix**
(Remove Everything Same time)

• **Inhlanhla Combo**
(Umsebenzi • Indoda engakuphi imali)

• **Umvusa Nkunzi (Man Power)**
Powder & Liquid imbiza

• **Umuzi Onezinkinga**
(Isiqinisa muzi, sikhupa isitha ekhaya, Sibusisa uthando emndenini)

060 402 2635

079 186 3868

Solve Problems:
International Psychic/ Fortune Teller
Solve Problems:
MAMA SALMA

She is gifted with Special Powers That Allow Her To See Through The Future And Past And Able To Solve All Kind Of Problems

- Business To Success Or Win Tenders
- Have You Tried Marriage Or Love But No Success
- Money Don't Stay In Your Hands
- Are You Suffering From Bad Luck Or Evil Spirits
- Are You Suffering From Erectile Dysfunction
- Is Your Partner Cheating Or You Want To Catch Them
- Love Portion For Attraction Or Bind
- Luck Charm For All Kind
- Fortune Telling & Palm Reading
- For Social & Life Oriented Problems

Find Mama Roundbult 5806 and Germiston

Call: 069 586 7144

Appendix 4 –Communications to and from interested and affected parties

Draft Basic Assessment Report (for comment) - Soventix-Element Six Solar PV Plant (GDARD Ref#: GAUT002/22-23/E3528) - Message (...)

File Message Help ESET

Ignore Delete Archive Reply Reply All Forward Meeting Junk Delete Respond Show Quick Steps Move Rules Send to OneNote Actions Mark Unread Categorize Follow Up Find Related Select Editing Read Aloud Immersive Reader Translate Zoom

Draft Basic Assessment Report (for comment) - Soventix-Element Six Solar PV Plant (GDARD Ref#: GAUT002/22-23/E3528)

hlengile@ecoleges.co.za
To: 'Hlengile'
Cc: 'Justin Bowers'
Bcc: 'Ivy.Komane@e6.com'; 'Kobus.Odendaal@e6.com'; 'C.duToit@soventix.com'; 'tsika.nhlapo@nampak.com'; 'admin@infinitydiamondwheels.com'; 'info@ekurhuleni.gov.za'; 'city.manager@ekurhuleni.gov.za'; 'portia.mthethwa@ekurhuleni.gov.za'; 'Elsabe.steyn@ekurhuleni.gov.za'; +52 others

You forwarded this message on 2023/04/13 17:16.
This message was sent with High importance.

DRAFT Basic Assessment Report- Element Six (06 April 2023).pdf
3 MB

Good afternoon Registered I&AP,

SUBMISSION OF DRAFT BASIC ASSESSMENT REPORT FOR THE SOVENTIX-ELEMENT SIX SOLAR PV PLANT

APPLICATION FOR AN ENVIRONMENTAL AUTHORIZATION FOR THE PROPOSED SOLAR PV PLANT UNDER THE JURISDICTION OF THE EKURHULENI METROPOLITAN MUNICIPALITY, GAUTENG PROVINCE.

Ecoleges, on behalf of Soventix South Africa (Pty) Ltd, hereby submits the Draft Basic Assessment Report (attached) for your review and comment in terms of Regulation 19 of the EIA Regulations, 2014.

In terms of Regulation 40 of the EIA Regulations, 2014, the EAP must give registered I&APs access to, and an opportunity to comment on the report in writing. Should you have any comments please submit them directly to Ecoleges, represented by Justin Bowers (justin@ecoleges.co.za – 082 451 5608) and/or Hlengile Mtsweni (hlengile@ecoleges.co.za – 083 644 7179). **Please note that the 30day Public Participation Process (PPP) period officially starts today and you have until 08 May 2023 to comment.**

Please be advised that the Appendices of the report are available for your review (in a folder named "Soventix – Element Six") from the Ecoleges website (www.ecoleges.co.za) by clicking on the "I&AP Area" icon and using the details below.

Login Details
Username: Soventix – Element Six
Password: U%yaUTgm2nSE9!xb6D&he\$9r

Do not hesitate to contact me should you have queries and/or concerns.
Kind Regards,
Hlengile Mtsweni (N Dip, Env. Sci.)
Environmental Consultant

19°C Sunny 16:45 2023/05/25

The interested and affected parties received the Draft BA Report for them to comment within 30days. No communication was received from the interested and affected parties.

Appendix 5 – Minutes of any public and/or stakeholder meetings

No meetings were held for the Application Process.

Appendix 6 - Comments and Responses Report

Refer to Appendix 7.

Appendix 7 –Comments from I&APs on Basic Assessment (BA) Report

Comments received after DBAR Distribution:

Contact	Comment	Response								
CAA Official on 20/04/2023, via email.	<p>Good day,</p> <p>SACAA has no objection to the proposed development, however, a formal obstacle assessment must be conducted to determine whether the proposed will affect the safety of flights in any way.</p> <p>Kindly note that the SACAA has transferred the assessments for Solar applications to Air Traffic and Navigation Services (ATNS) as published on the SACAA website.</p> <p>Their responsibility would pertain to the assessments, maintenance, and all other related matters in respect to Solar assessments.</p> <p>The contact details for ATNS are:</p> <table><tr><td>Obstacle</td><td>Evaluator</td></tr><tr><td>ATNS</td><td>Head Office</td></tr><tr><td colspan="2">Tel: +2711 6071000 (Ask for Obstacle Evaluators)</td></tr><tr><td colspan="2">Email: Obstacles@atns.co.za</td></tr></table> <p>For any other obstacles, kindly find below the current obstacle application procedures and processes to follow, as per the SACAA website:</p> <p><u>Additional information required for the application (i.e., Powerlines):</u></p> <ul style="list-style-type: none">• Provide a .kml/kmz (Google Earth) file reflecting the footprint of the proposed i.e., Mast.• Required to provide coordinates (Deg, min and Sec), Height and Elevation• Also indicate the height to the top of structure	Obstacle	Evaluator	ATNS	Head Office	Tel: +2711 6071000 (Ask for Obstacle Evaluators)		Email: Obstacles@atns.co.za		<p>A request to begin an application for an obstacle assessment, with ATNS, was submitted on 08 May 2023, with a follow up on 16 and 24 May 2023 via email and telephone, respectively. An obstacle assessment will be done with ATNS. A Civil Aviation Compliance Statement has been completed by an appointed specialist in support of the Application.</p>
Obstacle	Evaluator									
ATNS	Head Office									
Tel: +2711 6071000 (Ask for Obstacle Evaluators)										
Email: Obstacles@atns.co.za										

	<p>Find attached an extract from the SACAA Regulation as guidance towards Obstacle developments. Assessments will commence upon receipt of payment.</p> <p>Should you require more information please contact the inspectorate at obstacles@caa.co.za</p> <p>Kind regards</p>	
SAHRA Official on 26/05/2023, via email.	<p>The following comments are made as a requirement in terms of section 3(4) of the NEMA Regulations and section 38(8) of the NHRA in the format provided in section 38(4) of the NHRA and must be included in the Final BAR:</p> <p>38(4)a – The SAHRA Development Applications Unit (DAU) and the Burial Grounds and Graves (BGG) Unit has no objections to the proposed development;</p> <p>38(4)b – The recommendations provided by the heritage specialists are supported and must be adhered to. There are no further additional specific conditions.</p> <p>38(4)c(i) – If any evidence of archaeological sites or remains (e.g. remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments, charcoal and ash concentrations), fossils or other categories of heritage resources are found during the proposed development, SAHRA DAU (Nokukhanya Khumalo/Natasha Higgitt 021 202 8660) must be alerted as per section 35(3) of the NHRA.</p> <p>Non-compliance with section of the NHRA is an offence in terms of section 51(1)e of the NHRA and item 5 of the Schedule;</p> <p>38(4)c(ii) – If unmarked human burials are uncovered, the SAHRA Burial Grounds and Graves (BGG) Unit (Thingahangwi Tshivhase/Ngqalabutho Madida 012 320 8490), must be alerted immediately as per section 36(6) of the NHRA. Non-compliance with section of the NHRA is an offence in terms of section 51(1)e of the NHRA and item 5 of the Schedule.</p>	<p>Noted & thank you.</p> <p>All specialist findings have been captured in the Impact Assessment and EMPr.</p> <p>Table 19 of the EMPr deals specifically with cultural, heritage, archaeological & paleontological management. Moreover, Section 19.2.2 of the table gives the contact details of Ms Nokukhanya Khumalo.</p> <p>The Applicant appointed a Heritage and Palaeontology Specialist to avoid any contraventions with the SAHRA. This requirement has been Included in the EMPr under 19.2.1.</p>

	<p>38(4)d – See section 51(1) of the NHRA;</p> <p>38(4)e – The following conditions apply with regards to the appointment of specialists: i) If heritage resources are uncovered during the course of the development, a professional archaeologist or palaeontologist, depending on the nature of the finds, must be contracted as soon as possible to inspect the heritage resource. If the newly discovered heritage resources prove to be of archaeological or palaeontological significance, a Phase 2 rescue operation may be required subject to permits issued by SAHRA;</p> <p>The Final BAR must be submitted to SAHRA for record purposes;</p> <p>The decision regarding the EA Application must be communicated to SAHRA and uploaded to the SAHRIS Case application.</p> <p>Should you have any further queries, please contact the designated official using the case number quoted above in the case header.</p> <p>Yours faithfully</p>	<p>Noted.</p> <p>If heritage resources are uncovered during the course of the development, a professional archaeologist or palaeontologist, depending on the nature of the finds, will be contracted as soon as possible to inspect the heritage resource. It is also noted that if the newly discovered heritage resources prove to be of archaeological or palaeontological significance, a Phase 2 rescue operation may be required subject to permits issued by SAHRA.</p> <p>The FBAR will be uploaded onto the SAHRIS website.</p> <p>The decision regarding the EA Application will be communicated to SAHRA and uploaded to the SAHRIS Case application.</p> <p>Should there be any further queries, the designated official will be contacted quoting the case number.</p>
GDARD Case Official on 26/05/2023, via email.	<p>1. Description of the site/property/route and development</p> <p>The development entails a ground-mounted 1.8MWp solar PV plant within the Element Six facility on the above-mentioned site. The size of the development footprint is approximately 2.2ha. This area includes the 1.8MWp solar PV plant, with associated infrastructure, including inverters, transformers, fencing and lighting with a sub-surface 6.6kv cable connecting the solar PV plant to the Element Six electrical Ring Main Unit (RMU) located on the side of the Element Six building to the south of the plant. As the site is within a formally zoned industrial area, the site will have access to all necessary services including access to existing roads. The application form indicates the size of the site measures 17, 5773 hectares in extent with a footprint</p>	<p>The application form will be amended to provide more clarity and form part of the final BAR. The total property according to the Title Deed is 17 hectares, the site area is 3 hectares and the development footprint is 1.5 hectares with additional infrastructure including an internal perimeter fence and electricity Ring Main Unit (RMU) accounting for 2.2 hectares in total footprint area.</p>

	<p>development of 2.2 hectares, while the heritage study indicate the size of the site measures 2.2 hectares in extent. The Certificate of Consolidation Title on Portion 1 of Erf 141, Portion 2 of Erf 141, Portion 3 of Erf 141 and the remainder of Erf 141 which is consolidated to Erf 256 that measured 17, 5773. The applicant must clarify the exact size of the indicated site as per application submitted and the footprint development size. The application form must be amended and form part of the final BAR.</p> <p>2. Applicable legislation and policies The report has made provision to accommodate some applicable legislation, policies and guidelines. The activities entail the construction of ground-mounted 1.8MWp solar PV plant within the Element Six facility on the above-mentioned site which have an impact in terms of the National Environmental Management Act (Act No. 107 of 1998), National Water Act: (Act No. 36 of 1998), National Environmental Management Biodiversity Act, 2004 (Act No. 10 of 2004), National Environmental Management: Waste Act (Act 59 of 2009), National Environmental Management: Air Quality Act (Act 39 of 2004) National Heritage Resource Act (Act No. 73 of 1998), National Energy Act (Act 34 of 2008), Ekurhuleni Bioregional Plan, Electricity Regulation Act (Act 4 of 2006) Schedule 2 of August 2019, General Environmental, Health and Safety Guidelines of the IFC and Guidelines for Landscape and Visual Impact Assessment (GLVIA), Second Edition.</p> <p>3. Description of the receiving environment The proposed development site is located within an Industrial Context and is surrounded by various industrial, commercial and residential developments. The vegetation on the project site area is heavily manipulated and is maintained as manicured lawn including a few scattered exotic trees. The manicured lawn contains few indigenous types of grasses. The development and study area itself has been extensively disturbed in the recent past by urban residential and industrial activities, and the original</p>	<p>Section A(2) of the Report describes how the listed legislation, policies and guidelines will be complied with.</p> <p>Yes, Section B of the Report also describes the receiving environment in a detailed manner, including the fact that the site falls within an Endangered Ecosystem namely; Tsakane Clay Grassland.</p>
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	<p>natural and historical landscape nearly completely altered as a result.</p> <p>4. Listed activities applied for It is noted in Section (A3) of the application form that activities listed in (4) above have been applied for. However, the applicability of each Listed Activities with regards to the description of the development related to the listed activity has not been provided. Therefore, the applicability of each listed activities with regards to the proposed development must be described in detail as indicated on the above table and included in the Final BAR.</p> <p>5. Specialist studies The Departmental Conservation Plan Version 3.3 depicts that no environmental sensitivities have been identified on site. Water supply for the construction and operation of the solar PV facility will be supplied by existing municipal to the E6 premises. It is noted that the following specialist studies have been conducted and attached under Appendix G; 5.1. Terrestrial Ecology Assessment 5.2. Agricultural Assessment 5.3. Aquatic Biodiversity Impact Assessment 5.4. Visual Impact Assessment 5.5. Heritage Impact Assessment</p> <p>6. Impacts Identification, Assessment and Mitigation The project was also deemed to pose low residual risks on surrounding wetlands and the proposed activities will not directly impact any wetland. The transformed area has little to no remaining natural vegetation due to land transformation that has taken place to accommodate the adjacent anthropogenic activities, predominantly industrial activities. Even though the project has low risk to wetlands and aquatic ecosystems, the specialist indicated potential impacts together with their mitigations. The landscape and visual impacts are expected to have a low Significance without mitigation. Environmental impacts associated with these activities have already occurred. The</p>	<p>Kindly refer to Appendix I (1) for a description of how the Listed Activities applied for, apply to the proposed development. The fact that the site does not fall within a defined or adopted Urban Area but rather a zoned industrial area, in terms of the Gauteng Environmental Management Framework (GPEMF), and within an Endangered Ecosystem, accounts for the application for the Listed & Specified activities.</p> <p>Yes, and their findings helped inform the mitigations in the EMPr.</p> <p>Correct.</p>
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	<p>mitigation measures proposed in section E (2) of the report are noted.</p> <p>7. Assessment of alternatives No alternatives have been provided in the Draft Basic Assessment Report (BAR); however, it is noted on Section A (3) of the Draft BAR that the reasons for not including the alternative were considered in determining “alternatives”.</p> <p>8. Need and desirability of the development Generation of “green” energy is being implemented at the Element Six facility to reduce greenhouse gas emissions, reduce their environmental footprint, and improve electricity supply assurance. The project will enable Element Six to deal with the disruptive impact of load shedding during operation hours and assist in reducing the country’s dependency on coal as a source of energy. The proposed development is in an industrial area and will assist in maintaining job security for the workers at Element Six. Additionally, temporary jobs will be created during the construction phase as well as during the operation.</p> <p>9. Maps, layout plans, services route positioning The attached Locality Map and Layout Map included in the Draft BAR Report are noted. Appendix C (Facility illustration) not included in the draft BAR, it must be included in the Final BAR.</p> <p>10. Public Participation Process Public Participation must be undertaken in accordance with the EIA Regulations, 2014 (as amended). Comments from all relevant stakeholders must be adequately addressed and submitted to the Department with the Final BAR. Clear proof of correspondence (site notice, newspaper advertisement, email, fax, delivery etc.) with stakeholders must be included in the Final BAR.</p> <p>11. Environmental Management Programme (EMPr) The EAP must ensure that all significant impacts identified during the impact assessment as well as</p>	<p>No development footprint alternative was provided, but other alternatives were considered including technology, timing etc.</p> <p>Correct.</p> <p>The facility illustration will be included in the FBAR.</p> <p>Comments from all relevant stakeholders have been adequately addressed and will be submitted to the Department with the Final BAR. Clear proof of correspondence (site notice, newspaper advertisement, email, fax, delivery etc.) with stakeholders will also be included in the Final BAR.</p> <p>All identified impacts have been addressed and mitigations included in the EMPr.</p>
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	<p>issues raised by I&APs have been addressed in the EMPr. Responsibility and timeframes must be clearly defined and assigned for all phases of the development. Furthermore, the impacts to be identified as well as its mitigation measures as per the proposed alternatives must also form part of the Final BAR.</p> <p>12. Any other issues noted</p> <p>All listed activities as listed in Section (A3) of the application form in (4) above which have been applied for does not correspond with the proposed development on site. the applicant is therefore requested to prove how are those listed activities applies to the proposed development. The listed activities do not apply to the proposed development with the following reasons:</p> <ul style="list-style-type: none"> • The proposed construction of ground-mounted 1.8MWp solar PV plant is less than 10mw. In terms of Gauteng Provincial Environmental Management Framework, 2015, identifies the proposed site as Environmental Management Zone 5, in which Zone 5 is an industrial and large commercial focus zone which is within urban area as identified as built-up areas surrounded by industrial, business and residential. The applicant must explain the reason why the above listed activity applies to the proposed development and submit in the final BAR. • The EAP indicate that the proposed development footprint is less than 1 hectare. In terms of Departmental Conservation Plan Version 3.3, the site has no environmental sensitivities and the site is characterised by Kukuyi grassland with few exotic trees on site and the indigenous vegetation on site cannot cover 1 hectare as defined under activity 27 of Listing Notice 1. It is agreed during the meeting that the activity will be taken off as it doesn't apply. The applicant must amend the application form. 	<p>Kindly refer to Appendix I(1) for a description of how the Listed Activities applied for apply to the proposed development, with the exception of Listed Activity 27 of Listing Notice 1, which has been removed, as wholesale vegetation clearance will no longer take place.</p> <p>An Urban Area is defined in the Listing Notices of the EIA Regulations (2014) as amended as “<i>areas situated within the urban edge (as defined or adopted by the competent authority), or in instances where no urban edge or boundary has been defined or adopted, it refers to areas situated within the edge of built-up areas</i>”. Accordingly, the GPEMF has defined or adopted the “Urban Edge” as Zone 1, while the site area falls within Zone 5 (Industrial). The reference to “or” in the definition of an urban area, means that the definition provides two mutually exclusive conditions namely; 1. An urban area is either defined or adopted; or 2. Where it is not defined or adopted, and only then, an urban area is within a built-up area.</p> <p>The site is not within a CBA or ESA in terms of the Gauteng C-Plan or Ekurhuleni Bioregional Plan, but it is within an Endangered Ecosystem (Tsakane Clay Grassland), which is in its own right a Specified Geographic Area in terms of Listing Notice 3, which means the Specified Activity is relevant.</p> <p>The state of the ecosystem is beyond the state of the site.</p>
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	<ul style="list-style-type: none">• In terms of Departmental Conservation Plan Version 3.3, the site has no environmental sensitivities. A Terrestrial Ecology Assessment study dated February 2023 confirm on page 15 that the project area does not overlap with any Critical Biodiversity Areas or Ecological Support Areas. The site cannot be critically endangered or endangered ecosystem without having Critical Biodiversity Areas or Ecological Support Areas. The site is currently zoned Industrial and in terms of Gauteng Provincial Environmental Management Framework, 2015. The GPEMF, 2015 identifies the proposed site as Environmental Management Zone 5, in which Zone 5 is an industrial and large commercial focus zone. The applicant must explain what is on site in terms of critically endangered or endangered ecosystem and submit in the final BAR.	
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Appendix 8 –Comments from I&APs on amendments to the BA Report

Not Applicable – This was the first distribution of the BA Report.

Appendix 9 – Copy of the register of I&APs

Name & Surname	Phone Number	Email
Applicant, Landowner & Neighbours		
Soventix SA		
Christiaan Du Toit		C.duToit@soventix.com
Element 6 (Landowner)		
Ivy Komane (Reception)		Ivy.Komane@e6.com
Kobus Odendaal		Kobus.Odendaal@e6.com
Nampak Ltd:Bevcn (Neighbor)	011 8178600	
Tsika Nhlapo (Safety Manager)	011 8178605	tsika.nhlapo@nampak.com
Infinity Diamond Wheel Manufacturing (Pty) Ltd	010 880 7456	admin@infinitydiamondwheels.com
Marius Joubert	073 324 5695	
Daniel Botha	082 576 6976	
City of Ekurhuleni Metropolitan Municipality (EKU)		
		info@ekurhuleni.gov.za
City Manager		
Dr Imogen Mashazi	0119990760	city.manager@ekurhuleni.gov.za
Portia Mthethwa (PA)		portia.mthethwa@ekurhuleni.gov.za
City Planning Operations/Land Use:		
Elsabe Steyn	011 999 4008	Elsabe.steyn@ekurhuleni.gov.za
Fani Mabena	011 999 4020	Fani.mabena@ekurhuleni.gov.za
Planning, Projects, Operations & Support Services:		
Freddie Aucamp	011 999 5997	freddie.aucamp@ekurhuleni.gov.za
Social Development:		
Luck Tsekeli	011 999 2655	lucky.tsekeli@ekurhuleni.gov.za
Environmental Health:		
Jerry Chaka	011 999 2970	jerry.chaka@ekurhuleni.gov.za
Energy Projects & Master Planning:		
Innocent Mulaudzi	011 999 5457	Innocent.Mulaudzi@ekurhuleni.gov.za
Simon Nkanyani	0119996203	Simon.Nkanyani@ekurhuleni.gov.za
Alternative & Renewable Energy:		
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Tshilidzi Thenga	011 999 5599	Tshilidzi.Thenga@ekurhuleni.gov.za
Environmental Protection, Resilience and Project Management:		
Daniel Masemola	011 999 3136	Daniel.Masemola@ekurhuleni.gov.za
Compliance:		
Thabanga Mokoena	011 999 2006	Thabang.Mokoena@ekurhuleni.gov.za
Water Operations: (Water & Sanitation)		
Thokozani Maseko	011 999 0989	Thokozani.Maseko@ekurhuleni.gov.za
Ms Phathutshedzo Nemutanzhela		Phathutshedzo.Nemutanzhela@ekurhuleni.gov.za
Waste Management:		
Mandisa Phosa	011 999 6017/5699	Mandisa.Phosa@ekurhuleni.gov.za
Tebogo Mhlongo		Tebogo.Mhlongo@ekurhuleni.gov.za
Environmental Resource & Waste Management:		
Kwanele Mdletshe	011 999 3387	Kwanele.Mdletshe@ekurhuleni.gov.za
Lerato Selolo (Env'l Admin)		Lerato.Selolo@ekurhuleni.gov.za
Roads and Stormwater Strategic Planning:		
Ntombi Nyaga	011 999 3854	Ntombi.Nyaga@ekurhuleni.gov.za
Roads and Stormwater Functional Planning:		
Barend Deminey	011 999 1111	barend.deminey@ekurhuleni.gov.za
Jean- Pierre Daffue (Engineer)	011 999 0978	Jean-Pierre.Daffue@ekurhuleni.gov.za
Air Quality Section		
Edmun Van Wyk	011 999 2470	edmund.vanwyk@ekurhuleni.gov.za
Boksburg Ward #76 Councillor		
Michael Duncan Du Toit	082 414 1292	Michael.DuToit@ekurhuleni.gov.za
Gauteng Department of Agriculture and Rural Development		
Mokutu Nketu	011 240 3389	Mokutu.nketu2@gauteng.gov.za
	072 880.1649	
Pollution & Waste		
Erick Moletsane		erick.moletsane@gauteng.gov.za
Tjatja Mosia		Tjatja.Mosia@gauteng.gov.za
Impact Director		
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Tendani Rambuda		Tendani.Rambuda@gauteng.gov.za
Gauteng Department of Water and Sanitation		

Mr Sputnik Ratau	012 336 6813	RatauS@dws.gov.za
	082 874 2942	
Ms Difela Kalembo	082 820 9805	kalembob@dws.gov.za
Mr Lesiba Mabona		MabonaL@dws.gov.za
Ms Thabelo Tshipate	012 392 1530	tshipatet@dws.gov.za
Ms Mokgadi Machaba	012 392 1353	machabam3@dws.gov.za
Rate Payers Association		
Literally Tax Consulting (Pty) Ltd (Francis Maseko)	011 892 0286	francis@literallytc.com
Organizations		
EWT		
Johannesburg Head Office	011 372 3600	ewt@ewt.org.za
		emmac@ewt.org.za
WESSA		
Morgan Griffiths (EIA Matters)		morgan.griffiths@wessa.co.za
SAHRA		
LOAD ONTO SAHRIS WEBSITE		
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Simphiwe Masilela		Masilelas@caa.co.za
Lizell Stroh		StrohL@caa.co.za
Gugulethu Khanyile		Khanyileg@caa.co.za
Mary Motete		motetem@caa.co.za
SENTECH		
Sonwabo Helesi		HelesiS@sentech.co.za
Simon Munyai		MunyaiS@sentech.co.za
Square Kilometre Array (SKA)		
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	0723720134	info@ska.ac.za
Thato Nape		tnape@ska.ac.za
Bird Life SA		
Jhb Office	011 789 1122	info@birdlife.org.za
Sam Ralston	083 673 3948	energy@birdlife.org.za
SALT (South African Large Telescope)		
Dr Ramotholo Sefako	084 770 5100	rrs@sao.ac.za
Vodacom		

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MTN		
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Telkom		
	10217	customercare@telkom.co.za
CellC		
	0841744227	customerservice@cellc.co.za
	011 324 4000	

Appendix F: Water use license(s) authorisation, SAHRA information, service letters from municipalities, water supply information

Soventix-E6 Solar PV Plant

Our Ref: 20567



an agency of the
Department of Arts and Culture

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South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Nokukhanya Khumalo
Tel: 021 462 4502
Email: nkhumalo@sahra.org.za
CaseID: 20567

Date: Friday May 26, 2023
Page No: 1

Final Comment

In terms of Section 38(8), 38(4) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Mr Shaun Macgregor
Ecoleges Environmental Consultants
PO Box 9005
NELSPRUIT
1200

The development of a ground-mounted 1.8MWp solar PV plant within the Element Six facility in Daggafontein, Springs, Ekurhuleni District Municipality, Gauteng Province.

Ecoleges Environmental Consultants (Africa) (Pty) Ltd has been appointed by Soventix SA (Pty) Ltd to undertake a Basic Assessment process in support of an Environmental Authorisation (EA) in terms of the National Environment Management Act, Act 107 of 1998 (NEMA), for activities that trigger the NEMA EIA 2014 Regulations, for the construction of a solar power plant consisting of solar array panels, and BESS. The PV facility will be 2.2 ha in extent within the existing Element Six facility, located on Portion 20 of Daggafontein 125 JT, in the City of Ekurhuleni Metropolitan Municipality, Gauteng Province.

The Basic Assessment Report (BAR), a letter of exemption from undertaking a heritage assessment, and a Palaeontological Impact Assessment (PIA) report have been submitted to SAHRA in terms of section 38(8) of the National Heritage Resources Act, 25 of 1999 for commenting.

Pelser, A. January 2023. RE: Motivation for Exemption from a full Phase I Heritage Impact Assessment - Proposed development by Soventix SA of a 1.8MWp solar PV for Element Six, Nuffield, Springs, City of Ekurhuleni, Gauteng Province.

The proposed development is located in an industrial setting and there is no surface heritage resources of significance identified within the proposed study area. The previous land use will have impacted on any heritage resources visible on the surface. The overall impact to heritage resources is assessed as low and does not outweigh the social benefits of the proposed development.

The author requests an exemption from further heritage studies on condition that should any buried archaeological resources or human remains or burials be uncovered during the course of development

activities, work must cease in the vicinity of these finds. The South African Heritage Resources Agency (SAHRA) must be contacted immediately in order to determine an appropriate way forward.

Fourie, H. March 2023. Proposed Development of a 1.8 MWp Solar PV Facility at the Element Six Facility, Springs, Ekurhuleni Metropolitan Municipality, Gauteng Province City of Ekurhuleni Metropolitan Municipality, Gauteng Province. Farm: Erf 266 Nuffield, Portion 20 Daggafontein 125-JT. Palaeontological Impact Assessment: Field Study.

The author undertook a field assessment of the proposed development area and did not identify any exposed fossiliferous rock outcrops. The study area is underlain by sandstone, shale and grit of the Vryheid Formation, Ecca Group, Karoo Supergroup, which is of Very High Palaeontological Significance. The overall potential impact to palaeontological resources is assessed to be of low significance. The author recommends the following:

The development may go ahead with caution.

The ECO must survey for fossils before and or after clearing, ground-breaking, drilling or excavating.

The EMPr will cover the conservation of heritage and palaeontological material that may be exposed during construction activities. For a chance fossil find, the protocol is to immediately cease all construction activities, construct a 30 m no-go barrier, and contact SAHRA for further investigation.

The chances finds procedure, in appendix 2 of the PIA report, to be implemented during the construction phase.

Final Comment

The following comments are made as a requirement in terms of section 3(4) of the NEMA Regulations and section 38(8) of the NHRA in the format provided in section 38(4) of the NHRA and must be included in the Final BAR:

38(4)a – The SAHRA Development Applications Unit (DAU) and the Burial Grounds and Graves (BGG) Unit has no objections to the proposed development;

38(4)b – The recommendations provided by the heritage specialists are supported and must be adhered to. There are no further additional specific conditions.

38(4)c(i) – If any evidence of archaeological sites or remains (e.g. remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments, charcoal and ash concentrations), fossils or other categories of heritage resources are found during the proposed development, SAHRA DAU (Nokukhanya Khumalo/Natasha Higgitt 021 202 8660) must be alerted as per section 35(3) of the NHRA.

Non-compliance with section of the NHRA is an offence in terms of section 51(1)e of the NHRA and item 5 of the Schedule;

38(4)c(ii) – If unmarked human burials are uncovered, the SAHRA Burial Grounds and Graves (BGG) Unit (Thingahangwi Tshivhase/Ngqalabutho Madida 012 320 8490), must be alerted immediately as per section 36(6) of the NHRA. Non-compliance with section of the NHRA is an offence in terms of section 51(1)e of the NHRA and item 5 of the Schedule;

38(4)d – See section 51(1) of the NHRA;

38(4)e – The following conditions apply with regards to the appointment of specialists:

i) If heritage resources are uncovered during the course of the development, a professional archaeologist or palaeontologist, depending on the nature of the finds, must be contracted as soon as possible to inspect the heritage resource. If the newly discovered heritage resources prove to be of archaeological or palaeontological significance, a Phase 2 rescue operation may be required subject to permits issued by SAHRA;

The Final BAR must be submitted to SAHRA for record purposes;

The decision regarding the EA Application must be communicated to SAHRA and uploaded to the SAHRIS Case application.

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully



Nokukhanya Khumalo
Heritage Officer
South African Heritage Resources Agency



Appendix G: Specialist reports

As loaded onto the GDARD EIA Online portal for the Draft BA Report.

Appendix H: EMPr

Loaded onto the GDARD EIA Online portal.

Appendix I: Other information

Loaded onto the GDARD EIA Online portal.

