



Issued in terms of the provisions of:
National Environmental Management:
Biodiversity Act 10 of 2004

Biodiversity
Northern Cape Province
Integrated Competence



Issued in terms of the provisions of:
Northern Cape Nature Conservation Act,
9 of 2009

Permit
Ordinary

Flora Harvesting - Development

None

**SPECIES AND NUMBERS, RESTRICTED ACTIVITIES AND PERMIT CONDITIONS
AS PER ADDENDUM 1 AND PAGES ATTACHED**

Authorising Entity / Institute / Company

ACWA Power Solar Reserve Redstone Solar Thermal Power Plant (Pty) Ltd.

Allstairs David Jessop - ID or Passport 506409441 - Farm name: - Physical Address: Office XX07001 90 Grayston Drive - Sandton - Gauteng Province - 2191
Postal address: Office XXX07001, 90 Grayston Drive, Sandton, Gauteng, 2191
Contact details: Office: - Home: 0115826880 - Cell: +27834490433 - Fax: 0867338849 - E-mail: terence.govender@solarreserve.com; alistair.jessop@solarreserve.com, Leanna.rautenbach@solarreserve.com

Region in which restricted activity will take place

ZF Mgcawu (Siyanda) - Northern Cape Province

Address / Place / Fixed Property where restricted activity will be carried out, conducted or take place

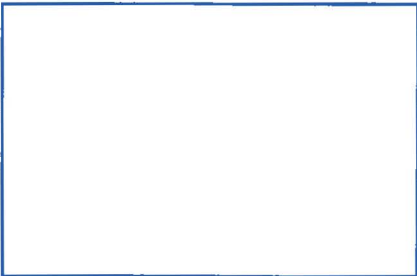
Remaining extent of Farms no's 469, 468, 457, Remaining Extent of Portions 4, 24, 15, 14, 28, 5, 7, 65, 16 of Farm Carter Block No. 458 and Remaining Extent of Portion 4 of Farm No. 300, ZF Mgcawu, Northern Cape Province

Digital signature of verifier

Stamp if applicable

MD Smit
Digitally signed by MD Smit
DN: C=ZA,
E=msmit@ncppg.gov.za,
O=Department of Environment
and Nature Conservation,
OU=Permit Administration,
CN=MD Smit
Location: Kimberley
Reason: This document has been
verified as correct according to
departmental legislation, policy
and prescripts and I attest to the
accuracy and integrity of this
document
Contact info: 0538077486
Date: 2017.03.27 15:11:31+02'00'

VALIDITY PERIOD
FROM 27/03/2017 TO 27/03/2018



Issuing authority

Permit holder / Dealer

Signature of Issuing Authority

27 March 2017

Signature of Permit Holder

2017/03/28

Date of Signature

Department of Environment and Nature Conservation - 90 Long Street - Private Bag X 6102, Kimberley 8300

(HQ - Kby) Tel: 053-807 7430 Fax: 086 5151 769
(Kuruman) Tel: 053-712 0702 Fax: 053-712 0936

(Cal) Tel: 027-341 1779 Fax: 027-341 1718
(Upi) Tel: 054-3322885 Fax: 054-3311155

(De Aar) Tel: 053-6310 601 Fax: 053-6310 343

ADDENDUM 1

PRESCRIBED FEES

The prescribed fees paid for the issuing of this document shall not be refunded

Tariff: Amendment - Amount currently owed: R200 - Debit amount: R200 on 27/03/2017 with receipt number: 0082/2016 & 726/2015 - 804894F67E-1

SPECIES AND NUMBERS PERMITTED

Live, Aloe grandidentata, , - -Species sex: Not applicable, A total maximum of five (5) specimens may be removed and transplanted on a suitable habitat outside the development footprint o the same property.

Live, Boophone disticha, Gifbol, - -Species sex: Not applicable, A total maximum of five (5) specimens may be removed and transplanted on a suitable habitat outside the development footprint o the same property.

Live, Boscia foetida, ---, - -Species sex: Not applicable, A total maximum of ninety five (5) specimens may be removed/cut/damaged/destroyed.

Live, Harpagophytum procumbens, Devil's Claw, Duiwelsklou - -Species sex: Not applicable, A total maximum of five (5) specimens may be removed and transplanted on a suitable habitat outside the development footprint o the same property.

Live, Olea europaea subsp. africana, , - -Species sex: Not applicable, A total maximum of ninety four (94) specimens may be removed/cut/damaged/destroyed.

STANDARD RESTRICTED ACTIVITIES AND METHODS PERMITTED

Gathering, collecting or plucking by using approved collection methods as stipulated under "species and numbers permitted" and under "additional conditions".

SPECIAL RESTRICTED ACTIVITIES AND METHODS PERMITTED

None

ADDITIONAL RESTRICTED ACTIVITIES AND METHODS PERMITTED

None - by using the following prohibited method and/or instrument namely: None

GENERAL PERMIT CONDITIONS APPLICABLE

- 1) This permit is not transferable to any individual person or any other legal identity.
- 2) Any alterations to this permit shall immediately render it invalid.
- 3) This permit is deemed valid only:
 - a) in the original format as issued by the Director.
 - b) for the period as specified on the permit.
 - c) once the signature of the holder thereof has been endorsed thereon in ink.
 - d) while the Commitment Letter is being implemented by the permit holder
- 4) The Director reserves the right to amend, withhold, withdraw or cancel any permit at any time.
- 5) This permit shall lapse / be deemed invalid when it is lost or destroyed and no copy thereof shall be issued.
- 6) This permit, unless otherwise stated, is valid only within the boundaries of the Northern Cape Province and then specifically only for the property as specified on the permit.
- 7) This permit does not grant the permit holder automatic access to any Protected area, National Park, Provincial Nature Reserve or privately owned land. Any other / further conditions or restrictions that the manager / landowner may stipulate at his / her discretion must also be adhered to.
- 8) The permit holder must at all times while performing any restricted activity have the permit and all relevant documentation in his / her



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ADDENDUM 1

possession.

9) Permits must be made available upon request of any authorized person. This person must also be allowed access onto the property at any reasonable time for any inspection needed and can remain on such property as long as it is needed to do the inspection.

10) If applicable, the permit holder must within 21 days after performing the restricted activity furnish the Director with a written return as prescribed, with feedback on the results of the activity conducted.

11) If applicable, the permit holder shall apply for the renewal of the permit to the Director, on the appropriate application form, at least 3 months prior to the expiry date thereof.

12) The holder of this permit shall return the original to The Director: Permit Administration, Private Bag X6102, Kimberley, 8300, within fourteen days from the date of expiry thereof.

13) No new permit applications will be processed prior to the return of the original permit, once it has been used or once it has expired.

14) This permit is subject to the provisions of any law in force, during the period of validity of the permit, in respect of the specific area to which the permit applies.

15) This permit is subject to any applicable norms and standards in existence at the time of issuance of this permit.

16) It is the permit holder's responsibility to obtain information on any other legislation or changes thereto and any specifications or permit requirement that may be needed or required from any other department / organization / institute, for any activity as authorized by this permit.

17) It should be noted that any transgression, failure to render the required reports and or the return of the original permit, can jeopardize any future applications by the permit holder.

18) If the holder of this permit contravenes or fails to comply with any permit condition or requirement to which this permit is subject, he or she shall be guilty of an offence.

STANDARD PERMIT CONDITIONS APPLICABLE

1) The permit holder will be responsible for the supervision during the harvesting process.

2) The number of plants and weight of seeds mentioned on this permit is the maximum authorized to be harvested.

3) Detailed records of harvesting and trade must be supplied to the Director: Private Bag X6102, Kimberley 6300, upon expiry of this permit on the register provided.

4) The permit holder will be responsible for semester reporting to the Director: Private Bag X6102, Kimberley 6300 as per Commitment Letter agreement

SPECIAL PERMIT CONDITIONS APPLICABLE

None

ADDITIONAL PERMIT CONDITIONS APPLICABLE

1) Other people included on this permit:

a) Fieldworkers assisting with the flora removal

2) Disturbance to indigenous flora must be kept to a minimum as far as possible.

3) All conditions as specified in the approved Environmental Authorisation DEA Ref. 14/12/16/3/3/1/1201 must be adhered to.

4) Monitoring programmes as specified by the Environmental Authorisation DEA Ref. 14/12/16/3/3/1/1201 must be implemented.

5) Recommendations as stated within the EMP must strictly be adhered to.



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ADDENDUM 1

- 6) All transplantable species (e.g. geophytes / bulbous plants, succulents, etc.) must be rescued and pot up into bags using local soil prior to translocation.
- 7) Transplantable species must be transplanted soon after being removed to avoid or minimize die-back of flora.
- 8) Transplantable species should be replanted soon after removal to minimize die-back.
- 9) A nursery permit must be applied for from DENC if plants will be kept on site.
- 10) Viable seeds of indigenous species within the proposed development site must be collected prior to construction for sowing and stored under appropriate cool, dry, pest-free conditions.
- 11) Plant establishment must be monitored on a six month basis prior to construction (i.e. every sixth month) until sufficient plant cover and diversity is obtained.
- 12) A report-back must be provided to DENC upon the expiry of the permit with a complete species list and numbers of protected species removed and/or relocated.
- 13) The list must contain the following information (but not restricted to): photo of species, number of specimens transplanted, health status of plants, GPS coordinates, donated to (if any) with donation letter containing DENC Flora Permit Reference number and signature of recipient; a report-back must still be provided if protected species are to be transplanted on another.
- 14) Report-back should also contain detailed information on methods used to transplant transplantable species.
- 15) Annual reporting on species survival / success must be submitted to DENC for five years.
- 16) No indigenous plants/shrubs/bird's nests in trees may be disturbed or removed without the necessary DENC permits.
- 17) Fauna permits must be applied for if any faunal species are to be disturbed or removed, this includes bird nests, snakes, ground squirrels, etc.
- 18) Olea europea subsp. Africana and Boscia foetida trees must only be wholly removed when directly located in the proposed location of a pylon.
- 19) Tree crowns protruding onto utility lines or branches that can cause potential damage or pose as a potential fire hazard to utility lines and or pylons, may be removed or trimmed back.
- 20) Proper pruning requires that branches be removed as close to the branch forks as possible; this may result in a large part of the tree crown being removed.
- 21) Trees must, under all circumstances, only be removed if deemed necessary. Natural forest is a rare biome and could be seriously impacted upon if fragmentation is caused by wide clearances.
- 22) Protected trees with significant biodiversity features such as sociable weaver nests, nests for raptors such as vultures, etc. must only be removed after consultation with DENC. (Research and Development Support Unit).
- 23) Areas within the servitude must be wholly cleared.
- 24) All species permitted for removal, except large Boscia foetida and Olea europea subsp. africana, must be removed and transplanted to suitable habitat outside the development footprint.
- 25) Viable Boscia foetida seeds must be collected within the proposed construction site prior to construction for sowing on the same property as the proposed development during rehabilitation and store under appropriate cool, dry, pest-free conditions. If no viable Boscia foetida seeds are found within the area surrounding the proposed construction site prior to construction, seeds must be collected within the broader vicinity when available and sown during rehabilitation.


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- 26) All *Boscia foetida* seedlings that are removed must be transplanted and maintained during rehabilitation.
- 27) Larger *Boscia foetida* specimens that will not be transplanted can form part of organic mulch for rehabilitation.
- 28) The substantial amount of *Boscia* spp. destroyed in the ZF McGawu District due to development is of great concern. A species conservation assessment will be requested with future permit applications for harvesting of *Boscia* spp.
- 29) Two *Olea europea* subsp. *africana* saplings must be planted for each adult tree removed. Trees must be planted within close proximity of the footprint area of the proposed development.
- 30) Only local, indigenous plant species must be used for rehabilitation.
- 31) Rocky ridges and quartz patches must be demarcated as no-go areas; these areas are known to contain specialist plant species.
- 32) Topsoil should be kept separate for rehabilitation.
- 33) Cumulative species removal will be considered for future permit applications for any development pertaining to the SolarReserve Pty Ltd.
- 34) A buffer of 32 meters from the edge of any water body outwards must be strictly adhered to.
- 35) Since the Redstone development is an Offset / Counter Account agreement, an update report on the progress of the development must be submitted to DENC in writing. If the agreed option for negotiation become unimplementable, the Offset / Counter Account must be negotiated as soon as possible as it must be in place by the completion of the construction of the project.
- 36) This permit replaces previous Permit No. FLORA 0029/2017 issued by this department.



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