

REGISTER OF INTERESTED AND AFFECTED PARTIES	
AUTHORITIES	CONTACT PERSON
STATE DEPARTMENTS	
Western Cape Government: Department of Environmental Affairs and Development Planning - Directorate Waste Management	Mr E Hanekom / Mr L McBain-Charles / Waleed Galvaan
Breede-Gouritz Catchment Management Agency	Mr C Abrahams
Western Cape Government: Department of Environmental Affairs and Development Planning - Development Management (Region 3)	Mr G Benjamin / Shireen Pullen
Western Cape Government: Department of Environmental Affairs and Development Planning - Air Quality Regulatory Services	Mr Peter Harmse / Joy Leaner
Department of Agriculture, Forestry and Fisheries (DAFF)	Melanie Koen
DEA&DP: Pollution Management	Arabel McClelland
Western Cape Government: Department of Environmental Affairs and Development Planning - Air Quality Regulatory Services	Mr Peter Harmse / Joy Leaner
Western Cape Government Department of Health (Head of Department)	Mr. Mlungisi Boo
Heritage Western Cape	Ms W Dhansay
ORGANS OF STATE	
CapeNature	Mr C Fordham
Garden Route District Municipality: Air Quality Control	Dr Johann Schoeman
Mossel Bay Municipality: Municipal Manager	Adv T Giliomee
Mossel Bay Municipality: Director Infrastructure Services	Mr D Naidoo
Mossel Bay Municipality: Director Planning & Economic Development	Mr Carel Venter
Mossel Bay Municipality: Director Community Services	Ms Elize Nel
Mossel Bay Municipality: Communications	Nickey Le Roux
Ward Councillor - Ward 4	Clr A Janse van Rensburg
OTHER ORGANISATIONS	
Ellen van Rensburg Public Library	Ms Malibongwe Luyenge
Midbrak Ratepayers	
Garden Route Environmental Forum	Lodewyk J. Coetzee
AFFECTED LANDOWNERS	
FARM / ERF DETAILS	Land owner
Farm 142 Ptn 24	MobiCast
Farm 142 Ptn 17	Woodline Timber Industries
Farm 142 Ptn 20	Rheebok Stene
Farm 142 Ptn 2	Gedeelte 68 Rooipoort (Pty) LTD
Farm 142 Ptn 11	Rheebok Stene
Farm 142 Ptn 1	Arnold Neethling Botlierskop
Farm 330 Ptn 1	J J HALLIDAY INV C C (Cobus Halliday)
REGISTERED INTERESTED AND AFFECTED PARTIES	
Nickey Le Roux	Mossel Bay Municipality: Communications Officer
Scott Thomson	Great Brak River Conservancy
Catrien Brough	Private
Sarah Kalell	Private
Vivienne Holtzhausen	Private
Teresa van Niekerk	Private
Barry Jacobs	Chief Gourikwa Khoisan Stamhuis Council of Stakeholders Greenhaven Besigheidsforum
Nikki Visagie	Private
John Erasmus	Private
Hanlie Hattingh	GB Executive Committee Member
Ben Erasmus	Private
Val Thomson	Great Brak River Conservancy
Elsa Davids	Private
Cliffie Bayman	Ward Councillor
Anton Dellimijn	Ward Councillor

Comments and Response Table:

PROPOSED DEVELOPMENT OF A PILOT DEPOLYMERISATION PROCESSING PLANT ON PORTION 21 OF THE REMAINDER OF THE FARM RHEEBOKSFONTEIN NO.142 IN MOSSEL BAY, WESTERN CAPE.

Comments Received during the (30-Days) Public Participation on the Pre-application Basic Assessment Report.					
Nr	Comment Received	Date Received	I&AP	Company / Representing	Response
1	<p>CapeNature, as custodian of biodiversity in the Western Cape, would like to thank you for the opportunity to review the proposed Pre-application Basic Assessment Report (PreDBAR) and wish to make the following comments. Please note that our comments only pertain to the biodiversity related impacts and not to the overall desirability of the application.</p> <p>The following information was extracted from the PreBAR and details the proposed preferred alternative scope of works, (Figure 1): <i>“Rooikat Recycling proposes to construct a Pilot Depolymerisation Processing Plant on Portion 21 of the Remainder of the Farm Rheeboksfontein No.142 in Mossel Bay. Rooikat Recycling are proposing to develop a robust, fit for purpose thermal depolymerisation technology consisting of depolymerization and separation sections. This technology will allow the treatment of domestic plastic and tyres at a large scale to produce a basket of fuels that can be successfully placed in the existing market. To demonstrate the technology, it is required to construct a pilot plant</i></p>	2 April, 2020.	Colin Fordham, Landscape Conservation Intelligence Manager – East	Cape Nature	CapeNature’s comments on the biodiversity related impacts are noted.

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	<p><i>to demonstrate and refine the technology. A test/pilot facility that can process 10 to 20 tons a day of either plastic or tyres, or a combination of both, is required. The data collected during the operation of the plant will be used to develop and optimize the technology.</i></p> <p><i>The plastic would not have to be separated into the different types of plastic and typically non-recyclable plastics could now be converted into fuel without adding strain on the environment. The process would be a closed loop system and the generated off gasses would be used internally for energy production. Two products would be produced, heavy fuel oil (HFO) and minimal amounts of carbon black (which is a substitute for coal and can be used as a pigment)."</i></p> <p>(See Figure 1 in original comment received)</p> <p>According to the National Biodiversity Assessment (2018) the vegetation unit which dominates the farm is the Critically Endangered Garden Route Granite Fynbos (Hardly Protected) (Figure 2-See original comment for figure). This unit is listed as a threatened ecosystems in terms of the National</p>				

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	<p>Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004) (NEM: BA). The Garden Route Granite Fynbos contains 4 threatened plant species and 1% is formally conserved and 30% of its original extent remaining in a natural condition. The conservation target for this specific vegetation unit is listed as 23% of its original extent. It should be noted that for impact assessment purposes the vegetation should be considered as Critically Endangered Garden Route Granite Fynbos, but for NEMA listing notice purposes the 2011 vegetation units should be used.</p> <p>There are no known streams or rivers or Freshwater Ecosystem Priority Areas (FEPAs)³ located within the proposed development footprint (Figures 1 and 2). In addition to which the proposed development will not result in the destruction of an habitat classified in terms of the Western Cape Biodiversity Spatial Plan (2017) (Figure 3-See original comment for figure).</p> <p>Following a review of the application and appendices, and given the above mentioned</p>				

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	sensitivity of the site, CapeNature would like to make the following comments/recommendations:				
2	1. CapeNature recommends that given the status of the vegetation on site, any indigenous vegetation that requires removal should be rescued and used for rehabilitation purposes. CapeNature would like to reiterate that all endangered species or protected species listed in Schedules 3 and 4 respectively, in terms of the Western Cape Nature Conservation Laws Amendment Act, 2000 (Act No. 3 of 2000) may not be picked or removed without the relevant permit, which must be obtained from CapeNature. This is also to ensure that rescued plant material is accounted for and used in the rehabilitation or relocation process. To obtain such permits please contact the relevant Conservation Services Officials at the George CapeNature Regional Office or use the following website address http://www.capenature.co.za/permits-information/ .				Should it be required to remove any indigenous vegetation, search and rescue will be conducted and specimens used for rehabilitation purposes. The relevant permits will be applied for prior to clearing of any endangered or protected species.
3	2. CapeNature would like to also remind the landowner that in terms of the Conservation of Agricultural Resources Act, 1983 (Act No. 43 of				The responsibilities, in terms of CARA, will be communicated to the landowner.

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	1983) (CARA), landowners must prevent the spread of alien invasive plants on the property. The level of alien infestation is therefore not be seen as reducing the sensitivity of a site, nor is the subsequent removal of alien vegetation from a property regarded as a mitigation measure due to this is being a legal requirement. Infestation by alien plants does not necessarily mean that an area is not important for biodiversity as some vegetation types are particularly prone to invasive alien infestation, but may recover when cleared of alien vegetation. The EAP needs to take cognisance of this fact in all statements regarding mitigation and determination of the No-Go Alternative impact . The landowner is legally required to remove all alien plants from the farms and therefore the No-Go Alternative has to take this into account. Feasibility of such removal operations are not considered either, as there are state assisted programmes in place to assist landowners who do not have the financial resources to remove alien plant species.				Cognisance of these requirements will be brought across when describing the No-Go alternative in the Post-Application Draft Basic Assessment Report.
4	3. In addition to CARA, in terms of the Alien and Invasive Species Regulations, NEM: BA, 2014,				Noted.

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	specific alien plant species (e.g. <i>Acacia cyclops</i>) are either prohibited or listed as requiring a permit; aside from restricted activities concerning, <i>inter alia</i> , their spread, and should be removed; without the use of heavy machinery (as this could trigger activities listed i.t.o. the EIA Regulations of 2014). All alien trees such as <i>Acacia cyclops</i> present at the property should be removed as they are a propagule source for further spread of invasive alien plants.				This information will be communicated to the landowner.
5	4. The Cape Floristic Region is largely a fire-dependent system and natural fire regimes must be maintained and managed in the landscape. The exclusion of fire from certain habitats will be considered unacceptable as this may ultimately cause the loss of species, as is the case in this instance. Where appropriate, the location of fire-breaks should be indicated and these fire-breaks may be considered part of the development footprint. Fire-breaks must be brush-cut and vegetation must not be completely removed. Brush-cutting under power lines must occur as infrequently as possible as brush-cutting will lead to loss of species diversity over time. A fire-risk				The need for fire breaks will be discussed further in the Post-Application Draft BAR.

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	assessment will also help inform an appropriate layout for developments adjacent to fire-prone vegetation.				
6	5. An Operational Environmental Management Programme (OEMPr) should be compiled and appended to the Draft BAR. The OEMPr should specifically look at what measures must be implemented to ensure the protection the critically endangered vegetation from potential hazardous spills and contamination, especially in emergency scenarios. This plan should consider management of the remaining critically endangered CBA vegetation on the farm to ensure its integrity and protection from future development.				The EMPr has been updated to include Operation Management, specifically the protection of the critically endangered vegetation adjacent to the site.
7	6. CBA regions are areas delineated that are in a natural condition and are required to meet biodiversity targets, for species, ecosystems or ecological processes and infrastructure (the various reasons). As stipulated in the Land Use Advice (LUA) Handbook (Pool-Stanvliet <i>et al.</i> 2017) although the Farm may have undergone a level of disturbance, this cannot be used as motivation for establishing of development within CBA or ESA				The responsibilities in terms of the LUA Handbook will be communicated to the landowner. CapeNature's acknowledgement of the EAP's efforts to limit the development outside of the CBA is noted and appreciated.

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	<p>areas. It should be noted that it is the landowner's responsibility to ensure his property is suitably maintained at a level consistent with LUA guidelines. The loss of the CBA on the site will therefore compromise conservation targets and the loss of ESA would compromise the CBA.</p> <p>CapeNature appreciates the effort the EAP has gone through to limit the development outside the extent of CBA, especially the compilation of a No-Go area map delineating the extent of the No-Go area.</p>				
8	7. If this development is deemed to be outside of the Mossel Bay Urban Edge or area, can the EAP comment on the applicability of this development in terms of the Western Cape Rural Development Guidelines which were published earlier this year.				According to the 2018 Mossel Bay SDF, the site falls within the Urban Edge.
9	8. Since this is a pilot plant, can the applicant not provide enough details to estimate of the size and details of the commercial plant and introduce the entire plant as part of a phased activity assessment, for a singular approval from the DEA&DP and relevant authorities. In this manner, the EAP can assess the entire application, and if				<p>The location for the commercial plant will not be at the same site as the pilot plant. The location is yet to be confirmed.</p> <p>The planned capacity will be confirmed post pilot phase. Ideal locations that will be considered are sites close to industrial sites and waste removal sites. RR is aware that this would entail a separate</p>

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	<p>the commercial plant's details are not completely accurate, an amendment to the Environmental Authorisation could even later be applied for. Reason behind this request from CapeNature, is that we would like to know that the rest of the CBA, on site will not be impacted by any further future proposed development on site? CapeNature can also not commit to not simply approving the commercial plant development, if it will in anyway impact the critically endangered vegetation which is also classified as CBA on the site.</p>				EIA in future.
10	<p>9. In the conceptual illustrations of the facility there appears to be an open pond\pool system on the far eastern corner of the facility. Will this be an area open to the elements? If so, ideally this will need to be an enclosed structure and if that is not possible, can the applicant place a form of impermeable netting around it to prevent fauna such as birds and bats entering the separator? Lastly (if this is an open air separator) how does the applicant plant (<i>sic</i>) to mitigate for rainfall events?</p>				<p>The pool indicated in the draft layout plan is part of the cooling water system. This will be open to atmosphere to facilitate the cooling of the water. Netting can be added to prevent fauna from entering the system.</p> <p>Rain fall is not anticipated to impact the system and supplement the water system. The water would not be contaminated by the process. Rain water is to be collected in the storm water system for the site.</p>

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	To conclude, CapeNature reserves the right to revise initial comments and request further information based on any additional information that may be received.				Noted
11	<p>1. This correspondence refers to the pre-application Basic Assessment Report dated and received by the Department of Environmental Affairs and Development Planning, Sub-directorate: Waste Management Licensing on 28 February 2020.</p> <p>2. This Sub-directorate: Waste Management Licensing has the following comments: 2.1. The report needs to discuss the waste management aspects in more depth.</p>	04 April, 2020	Lance McBain-Charles. Deputy Director: Waste Management Licensing	Western Cape Department of Waste Management.	The Post-Application Draft BAR will provide more in depth discussion of the waste management aspects.
12	2.2. Kindly indicate the capacity of the waste storage and preparation areas in square metres and cubic metres. This Department needs to determine whether norms and standards will have to be adhered to.				<p>These areas are indicated on the draft plant layout drawing. The anticipated measurements are as follows:</p> <p>Steel wire storage/processing (if required) 5mx9m = 45m² Raw material storage/processing = 4.8mx20m =96m²</p> <p>It is envisaged that the raw materials (general</p>

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					<p>waste and tyres) will be prepared, shredded and stored into 1m³ tuff bags at the recycle facility of the waste collector.</p> <p>If we store onsite, 1 days of storage equates to 10-20 tons of raw material in 1m³ tuff bags to be stored. The associated volume is estimated to be 50 m³.</p> <p>Kindly note that during the detail design these areas might change and that RR is willing to collaborate with the relevant authorities to ensure a sensible approach.</p>
13	2.3. The report does not provide enough information about how 10 to 20 tons of waste will be obtained daily. This Sub-directorate encourages the potential applicant to contact the Municipal Waste Manager about the availability of 10 to 20 tons of feedstock for this plant.				<p>The applicant has a letter of intent from Southern Cape Waste & Recycling for the provision of approximately 200 tons of material per month.</p> <p>Additional sources of material, such as the Municipal Waste Manager, will be investigated.</p>
14	2.4. Please be advised that the Eden District Municipality has changed its name to the Garden Route District Municipality and that the Integrated Waste Management Plans within this district are being or have already been updated. More recent				<p>The latest Integrated Waste Management Plan for Mossel Bay (October 2019) has been consulted in the Post-Application Draft BAR.</p>

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	waste characterisation and other information may be available already.				
15	2.5. Based on the definition of treatment in the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008), treatment is an activity more intended towards reducing the impact of waste on the environment (e.g. treat type 0 waste to type 1 waste). The definition of recovery is more applicable in this instance.				Noted
16	2.6. The following waste listed activities in the <i>"List of Waste Management Activities that have, or are likely to have, a detrimental effect on the environment, 2013"</i> , as published in Government Notice No. 921 on 29 November 2013, may be applicable to this proposed development, based on the information received: Category A (Basic Assessment): 3(3) The recycling of general waste at a facility that has an operational area in excess of 500m ² , excluding recycling that takes place as an integral part of an internal manufacturing process within the same premises. [Processing of that separated waste as a product or a raw material] 3(5) The recovery of waste including the refining,				Noted – the listed activities have been updated in the Post-Application Draft BAR.

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	<p>utilisation, or co-processing of waste in excess of 10 tons but less than 100 tons of general waste per day or in excess of 500kg but less than 1 ton of hazardous waste per day, excluding recovery that takes place as an integral part of an internal manufacturing process within the same premises.</p> <p>[Controlled extraction or retrieval of Heavy Fuel Oil and carbon black from waste plastics and tyres]</p> <p>3(6) The treatment of general waste using any form of treatment at a facility that has the capacity to process in excess of 10 tons but less than 100 tons. [Change in chemical and physical properties]</p> <p>3(12) The construction of a facility for a waste management activity listed in Category A of this Schedule (not in isolation to associated waste management activity). [Construction]</p> <p>Category C (Norms and Standards):</p> <p>5(1) The storage of general waste at a facility that has the capacity to store in excess of 100m³ of general waste at any one time, excluding the storage of waste in lagoons or temporary storage of such waste. [General waste storage]</p>				

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	5(6) The sorting, shredding, grinding, crushing, screening or bailing of general waste at a waste facility has an operational area that is 1000m ² or more. [Sorting and preparatory works]				
17	2.7. The Department requires more information about the long-term planning for this facility, especially in the event that the pilot project becomes successful, as space may be limited at the planned location.				<p>The pilot plant will remain in operation within the specified design limits and lease agreement.</p> <p>The commercial site will not be at the pilot plant site. The location of the commercial site is yet to be confirmed and will be reliant on the pilot plant development and results.</p>
18	2.8. The Directorate: Air Quality must be requested to provide comments.				The competent authority for Licencing of Listed Activities in terms of Section 21 of the National Environmental Management: Air Quality Act, 2004 (Act 39 of 2004), has provided comment.
19	2.9. The management of waste under all circumstance must be done in accordance with section 16, the " <i>general duty in respect of waste management</i> ", of the National Environmental Management: Waste Act (NEM:WA), 2008 (Act No. 59 of 2008), which states in section 16(1)(d) of NEM:WA: <i>"A holder of waste must, within the holder's power, take all reasonable measures to manage</i>				The applicant's duty of care is noted.

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	<i>waste in such a manner that it does not endanger health or the environment or cause a nuisance through noise, odour or visual impacts."</i>				
20	3. The Department reserves the right to revise initial comments and request further information based on the information received.				Noted
21	<p>PRE-APPLICATION BASIC ASSESSMENT REPORT ("BAR") FOR THE PROPOSED DEVELOPMENT OF A PILOT DEPOLYMERISATION PROCESSING PLANT ON PORTION 21 OF THE REMAINDER OF THE FARM RHEEBOKSFONTEIN NO 142 IN MOSSEL BAY, WESTERN CAPE</p> <p>1. The abovementioned document received by the Directorate: Development Management Development Management (Region 3), hereinafter referred to as "this Directorate" on 28 February 2020 refers.</p> <p>2. This letter serves as acknowledgement of receipt of the abovementioned document by this Directorate.</p> <p>3. This Directorate would like to submit the following comments:</p> <p>3.1 This Directorate only received a cd and no hard copy. Please note that the requirement is to</p>	11 June, 2020	Shireen Pullen	Department of Environmental Affairs and Development Planning Development Management (Region 3)	<p>Note that, according to our records, a hard copy and a cd were delivered to your offices.</p> <p>As per GNR 650, Directions Regarding Measures to Address, Prevent and Combat the Spread of COVID-19 Relating to the National Environmental Management Permits and Licenses, 05th June 2020, Annexure 2, all future reports for comment will be submitted electronically.</p>

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	submit at least one hard copy for registration records, as well as for auditing purposes. In future, please ensure that you comply with this requirement.				
22	3.2 After this Department's response to the Notice of Intent, it was confirmed internally that the proposal does not trigger any activities listed in terms of the National Environmental Management Act, 1998: Environmental Impact Assessment regulations, 2014 (as amended on 7 April 2017) ("NEMA EIA Regulations"), since the proposed activity requires a Waste Management Licence, which subsequently excludes the applicability of Activity 6 of Listing Notice 2. As such, this Directorate will only provide comment on the proposal.				Noted
23	3.3 It is understood that the proposal entails the construction of a Pilot Depolymerisation Processing Plant that can process 10 - 20 tons of plastic and/ or tyres per day or both, if required on portion 21 of Farm Rheebofontein, Mossel Bay. According to the pre-application BAR, plastic and typically non-recyclable plastics will be converted into fuel without adding strain on the				The Department's summary of the proposal is noted.

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	environment. The process would be a closed loop system and the generated off gasses would be used internally for energy production. Two products would be produced, heavy fuel oil (HFO) and minimal amounts of carbon black (which is a substitute for coal and can be used as a pigment).				
24	3.4 Page 13 states that no Air Quality Permit is required, while page 16 states that it still might be required. You are advised to obtain clarity in this regard to ensure that the application is subjected to all relevant legislative requirements.				Clarity on the applicable air quality legislation has been provided by the competent authority.
25	3.5 Page 13 of the pre-app BAR further states that the NEMA EIA Regulations, 2014 (as amended on 7 April 2017) is applicable to the proposal. As previously stated above, the fact that the application will also be subjected to a Waste Management Licence, Activity 6 of Listing Notice 2 is no longer applicable to the development proposal.				Noted
26	3.6 Please note, should an Air Quality Permit be required, it is advised that the Air Quality and the Waste Management processes must be streamlined in accordance with the One Environmental System to inform the respective				The One Environmental System will be taken into consideration for the applications.

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	decision-making processes. It is therefore the duty of the Environmental Assessment Practitioner (“EAP”) to take note of the timeframes and synchronise the processes accordingly. Failure to give effect to the one environmental system may potentially prejudice the success of the application.				
27	4. Further be reminded that paragraph 4.3. of the new Directions issued by the national Department of Environmental Affairs, Forestry and Fisheries determines that an additional 21 days must be added to the remaining 30-days of the public participation process.				The extension of the public participation has been noted and was implemented.
28	5. Protocols On 20 March 2020 the National Minister of Environment, Forestry and Fisheries gazetted the procedures for the assessment and minimum criteria for reporting on identified environmental themes in terms of Section 24(5)(a) and (h) and 44 of the NEMA, when applying for environmental authorisation (including Waste Management Licences). The procedures came into effect 9 May 2020. This Directorate therefore recommends that these protocols be formally integrated into the				The promulgated Protocols are noted. Any specialists performing work for the proposed project will be instructed to comply with the procedures included in the protocols.

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	<p>project proposal from this point forward.</p> <p>In light of the above, this Directorate advises that any specialist performing work related to any of the fields of practice listed in Schedule I of the Natural Scientific Professions Act, 2003 (Act 27 of 2003) must be registered with the South African Council for Natural Scientific Professions (“SACNASP”) in any of the prescribed categories [Section 18] and further to this, only a person registered with the SACNASP may practice (<i>sic</i>) in a consulting capacity [Section 20]. It will therefore be prudent of such specialists performing specialist studies or preparing specialist reports to provide proof of compliance with this Act.</p>				
29	<p>6. Please note that it is an offence in terms of Section 49A(1)(a) of the NEMA for a person to commence with a listed activity unless the Competent Authority has granted an Environmental Authorisation for undertaking it. Failure to comply with the requirements of Section 24F of the NEMA shall result in the matter being referred to the Environmental Compliance and Enforcement Directorate of this Department. A</p>				Noted

Comments and Response Table:

PROPOSED DEVELOPMENT OF A PILOT DEPOLYMERISATION PROCESSING PLANT ON PORTION 21 OF THE REMAINDER OF THE FARM RHEEBOKSFONTEIN NO.142 IN MOSSEL BAY, WESTERN CAPE.

Comments Received during the (30-Days) Public Participation on the Pre-application Basic Assessment Report.					
Nr	Comment Received	Date Received	I&AP	Company / Representing	Response
	person convicted of an offence in terms of the above is liable to a fine not exceeding R10 million or to imprisonment for a period not exceeding 10 years, or to both such fine and imprisonment.				
30	7. Kindly quote the abovementioned reference number in any future correspondence in respect of this pre-application BAR.				Noted
31	8. This Department reserves the right to revise initial comments and request further information from you based on any new or revised information received.				Noted
32	<p>1. The Department of Agriculture, Forestry and Fisheries (DAFF) is responsible for the implementation and the enforcement of the National Forest Act (NFA), Act 84 of 1998 as amended and the National Veld and Forest Act, Act 101 of 1998 as amended (NVFFA). Thank you for giving DAFF this opportunity to comment on above application.</p> <p>2. DAFF studied the supporting documents for the above mentioned application and the following points related to DAFF's mandate i.e. the implementation of the NFA are applicable</p> <p>a. Section 15 of the National Forest Act (NFA) (Act</p>	15 June,2020	Melanie Keon: Area Manager Forestry: Western Cape.	Department of Agriculture, Forestry and Fisheries.	Noted

Comments and Response Table:

PROPOSED DEVELOPMENT OF A PILOT DEPOLYMERISATION PROCESSING PLANT ON PORTION 21 OF THE REMAINDER OF THE FARM RHEEBOKSFONTEIN NO.142 IN MOSSEL BAY, WESTERN CAPE.

Comments Received during the (30-Days) Public Participation on the Pre-application Basic Assessment Report.					
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	No.84 of 1998) as amended prohibits the cutting, disturbing, damaging or destroying of protected tree species without a licence. Section 7 of the National Forest Act (NFA), act no 84 of 1998 as amended provides for the prohibition of the destruction of indigenous trees in any natural forest without a license.				
33	b. Request that a Plant Species Assessment of the above property be conducted by a Specialist and that this Specialist report be forwarded to the Department for perusal for species verification.				The proposed site of the project is in a completely transformed state, with no natural vegetation of significance remaining. In addition, comment from CapeNature has been received and they have not identified the need for a botanical specialist. As such, no additional study will be conducted.
34	Due to the Nation-Wide COVID-19 Lockdown, officials are working remotely for the duration of the lockdown period; and thus site inspections are not conducted at this stage. Site inspection might be required at a later stage, in due course, once safe to do so.				Noted.
35	4 DAFF reserves the right to revise initial comment based on any additional information that may be received or obtained.				Noted
36	Thank you for the opportunity to comment on the Pre-application Draft Basic Assessment Report	22 June, 2020	Dr JP	Office of the	The Department's confirmation as the competent authority is noted.

Comments and Response Table:

PROPOSED DEVELOPMENT OF A PILOT DEPOLYMERISATION PROCESSING PLANT ON PORTION 21 OF THE REMAINDER OF THE FARM RHEEBOKSFONTEIN NO.142 IN MOSSEL BAY, WESTERN CAPE.

Comments Received during the (30-Days) Public Participation on the Pre-application Basic Assessment Report.					
Nr	Comment Received	Date Received	I&AP	Company / Representing	Response
	<p>(Draft Pre- BAR) for the proposed Rooikat PTY (Ltd) recycling project on the Farm Rheeboksfontein Mossel Bay.</p> <p>It is also confirmed that the Garden Route District municipality (GRDM) is the competent authority for Licencing of Listed Activities in terms of Section 21 of the National Environmental Management: Air Quality Act, 2004 (Act 39 of 2004) as verified by your office with DEADP Directorate Air Quality Management.</p> <p>The proposed activity triggers activity 34 of NEMA Listing Notice one (R327) as well as Category 8.1 and possibly category 3.1 (carbon black production) of NEM: AQA (GN 893). The two application processes therefore runs parallel with each other with only one public participation process. Our comments will focus specifically on Air Quality matters, as this is our competency in terms of the NEM: AQA, the National Framework for Air Quality in South Africa, 2017 and the GRDM 3rd Generation Air Quality Management Plan (AQMP), 2019. My colleagues from Municipal Health will also comment in terms of their Municipal Health competency.</p>		Schoeman	Municipal Manager- Garden Route District Municipality	Confirmation of the applicable listed activities is noted and has been updated in the Post-Application Draft BAR.

Comments and Response Table:

PROPOSED DEVELOPMENT OF A PILOT DEPOLYMERISATION PROCESSING PLANT ON PORTION 21 OF THE REMAINDER OF THE FARM RHEEBOKSFONTEIN NO.142 IN MOSSEL BAY, WESTERN CAPE.

Comments Received during the (30-Days) Public Participation on the Pre-application Basic Assessment Report.					
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	<p>When considering an application for an atmospheric emission licence (AEL), the licencing authority (LA) must take into account all relevant matters, including nine specific factors as outlined in Section 39 of NEM: AQA. For the purpose of this letter, our comments are structured, and the specialist reports be evaluated, against the nine Section 39 factors in order to verify compliance with the requirements of NEM: AQA.</p> <p>It must be emphasised that this (sic) comments in terms of the sec 39 requirement is used for guidance for commenting during the EIA process and the licencing authority must still decide the application within 60 days of the date on which the decision on the application for the environmental authorisation has been made. Table 1: Table indicating factors to seek compliance with requirements of the Air Quality Act (<i>contents included below</i>)</p>				
37	SECTION 39 FACTORS (a) any applicable minimum emission standards set for ambient air and point source emissions				A Specialist Air Quality Impact Assessment Study by a Competent Air Quality Specialist (<i>Lethabo Air Quality Specialists</i>) has been conducted as per the

Comments and Response Table:

PROPOSED DEVELOPMENT OF A PILOT DEPOLYMERISATION PROCESSING PLANT ON PORTION 21 OF THE REMAINDER OF THE FARM RHEEBOKSFONTEIN NO.142 IN MOSSEL BAY, WESTERN CAPE.

Comments Received during the (30-Days) Public Participation on the Pre-application Basic Assessment Report.					
Nr	Comment Received	Date Received	I&AP	Company / Representing	Response
	<p>that have been determined in terms of the NEM: AQA.</p> <p>The applicant must conduct a Specialist Air Quality Impact Assessment Study by a Competent Air Quality Specialist in order to guide the Licencing Authority with its decision to grant or refuse the application. The minimum emission limits of category 8.1 and 3.4 as contemplated in Section 21 of the Air Quality Act will apply to the facility.</p> <p>It is a requirement for category 8.1 to do continuous emissions monitoring by a Continuous Emissions monitoring System (CEMS). Please refer to Regulation 893 of 2013 (as amended).</p> <p>Prior undertaking any specialist air quality studies, the applicant and specialist must liaise with the Licencing Authority on the scope of the study. The Specialist Air Quality study must also prescribe the Best Available Technology to achieve compliance with the emission limits and ambient air quality standards.</p>				<p>agreed upon scope of study.</p>
38	SECTION 39 FACTORS				A Specialist Air Quality Impact Assessment Study

Comments and Response Table:

PROPOSED DEVELOPMENT OF A PILOT DEPOLYMERISATION PROCESSING PLANT ON PORTION 21 OF THE REMAINDER OF THE FARM RHEEBOKSFONTEIN NO.142 IN MOSSEL BAY, WESTERN CAPE.

Comments Received during the (30-Days) Public Participation on the Pre-application Basic Assessment Report.					
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	<p>(b) the pollution being or likely to be caused by the carrying out of the listed activity applied for and the effect or likely effect of that pollution on the environment, including health, social conditions, economic conditions, cultural heritage and ambient air quality.</p> <p>A Specialist Air Quality Impact Assessment must be undertaken to guide this factor.</p> <p>A comprehensive emission inventory including area/line sources must be provided and how such emissions it will be mitigated. Measures must be taken to minimize dust and noise during the construction phase and it is advised that construction only take place during normal working hours from 07:30 to 17:30 on weekdays only. The applicant must comply with the National Dust Control Regulations for Industrial zones as indicated in the Regulation.</p> <p>Social conditions: The applicant must conduct a socio-impact report to guide this factor.</p>				<p>by a Competent Air Quality Specialist (<i>Lethabo Air Quality Specialists</i>) has been conducted as per the agreed upon scope of study.</p>

Comments and Response Table:

PROPOSED DEVELOPMENT OF A PILOT DEPOLYMERISATION PROCESSING PLANT ON PORTION 21 OF THE REMAINDER OF THE FARM RHEEBOKSFONTEIN NO.142 IN MOSSEL BAY, WESTERN CAPE.

Comments Received during the (30-Days) Public Participation on the Pre-application Basic Assessment Report.					
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	<p><u>Economic conditions:</u> The applicant must conduct an economic -impact report to guide this factor.</p> <p><u>Health:</u> The applicant must conduct a health impact report to guide this factor.</p> <p><u>Cultural heritage:</u> The applicant must conduct a cultural heritage assessment to guide this factor.</p> <p><u>Ambient Air Quality:</u> Please refer to (a) above.</p> <p><u>Planning:</u> The proposed development must be consistent with the MBSDF (2019), the Mossel Bay IDP, the Mossel Bay Central Precinct Plan (2013), Mossel Bay Municipality’s Integrated Zoning Scheme (2017).</p>				
39	SECTION 39 FACTORS (c) the best practical environmental options				A Specialist Air Quality Impact Assessment Study by a Competent Air Quality Specialist (<i>Lethabo Air</i>)

Comments and Response Table:

PROPOSED DEVELOPMENT OF A PILOT DEPOLYMERISATION PROCESSING PLANT ON PORTION 21 OF THE REMAINDER OF THE FARM RHEEBOKSFONTEIN NO.142 IN MOSSEL BAY, WESTERN CAPE.

Comments Received during the (30-Days) Public Participation on the Pre-application Basic Assessment Report.					
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	<p>available that could be taken to-</p> <p>(i) prevent, control, abate or mitigate that pollution; and</p> <p>(ii) to protect the environment, including health, social conditions, economic conditions, cultural heritage and ambient air quality, from harm as a result of that pollution.</p> <p>The specialist report must indicate what Best Available Technology (BAT) is required in order to achieve compliance with all applicable air quality ambient standards and minimum emissions limits.</p>				<p><i>Quality Specialists</i>) has been conducted as per the agreed upon scope of study.</p>
40	<p>SECTION 39 FACTORS</p> <p>(d) section 24 of NEMA and any other applicable environmental impact assessment done, the decision taken on the application of the environmental authorisation, and any applicable notice issued or regulation made pursuant for that section substituted by Section 7 of the Air Quality Amendment Act, 2014 (Act 20 of 2014)</p> <p>The decision to grant or refuse the Atmospheric Emission Licence may only be taken after the Environmental Authorisation is granted.</p>				<p>Noted</p>

Comments and Response Table:

PROPOSED DEVELOPMENT OF A PILOT DEPOLYMERISATION PROCESSING PLANT ON PORTION 21 OF THE REMAINDER OF THE FARM RHEEBOKSFONTEIN NO.142 IN MOSSEL BAY, WESTERN CAPE.

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41	SECTION 39 FACTORS (e) any relevant tradable emission scheme N.A. No such tradable emission scheme applicable in South Africa yet.				Noted
42	SECTION 39 FACTORS (f) whether the applicant is a fit and proper person as contemplated in Section 49 of the NEM: AQA The test for a fit and proper person in terms of Section 49 of NEM:AQA is: (a) That person has contravened or failed to comply with this Act, the APPA or any other legislation applicable to air quality; (b) that person has held a provisional or full AEL or other authority that has been suspended or revoked; (c) that person has been a director or senior manager who is or was a director or manager of a company, a juristic person or firm to whom paragraph (a) or (b) applies; or (d) the management of the listed activity which is the subject of the application will or will not be in the hands of a technically competent person.				SES has tested the applicant against the criteria for a fit and proper person and confirmation has been provided in the Post-Application Draft BAR.

Comments and Response Table:

PROPOSED DEVELOPMENT OF A PILOT DEPOLYMERISATION PROCESSING PLANT ON PORTION 21 OF THE REMAINDER OF THE FARM RHEEBOKSFONTEIN NO.142 IN MOSSEL BAY, WESTERN CAPE.

Comments Received during the (30-Days) Public Participation on the Pre-application Basic Assessment Report.					
Nr	Comment Received	Date Received	I&AP	Company / Representing	Response
	SES must test the applicant against the criteria for a fit and proper person and confirm in writing that the applicant and technically competent person, managing the listed activity complies with all the criteria.				
43	SECTION 39 FACTORS (g) the applicant's submissions All required documents submitted during the application process including responses on comments will be assessed once it becomes available.				All comments submitted during the public participation processes will be included and responded to in a Comments & Responses Table.
44	SECTION 39 FACTORS (h) any submissions from organs of state, interested persons and the public. Submissions from all organs of state and interested and affected parties (I&AP's) will be assessed once the public participation process is completed and a stakeholder engagement report is available.				
45	SECTION 39 FACTORS (i) any guidelines issued by the Minister or MEC relating to the performance of the licencing				Noted

Comments and Response Table:

PROPOSED DEVELOPMENT OF A PILOT DEPOLYMERISATION PROCESSING PLANT ON PORTION 21 OF THE REMAINDER OF THE FARM RHEEBOKSFONTEIN NO.142 IN MOSSEL BAY, WESTERN CAPE.

Comments Received during the (30-Days) Public Participation on the Pre-application Basic Assessment Report.					
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	authorities of their functions. Not applicable.				
46	General aspects: A formal atmospheric emission licence application must be lodged by the applicant accompanied by the prescribed processing fee in order for the Licencing Authority to initialise the application process. It is advised that a hard copy form of the application be submitted prior to the submission of the application on the South African Atmospheric Emission Licencing and Inventory Portal (SAAELIP).				Noted, however, due to the Covid-19 restrictions, the need for a hard copy application will be confirmed at the time of submission.
47	Furthermore should the LA require any other relevant documentation and/ or information during the AEL application process such documentation or information will be requested in terms of section 37 of the NEM: AQA (ACT 39 of 2004).				Noted.

SmartSt

WORLD LEADERS IN



GEORGE
TEL: +27 (0) 44 874 4929 FAX: +27 (0) 44 874 5953
EMAIL: info@sesc.net WEBSITE: www.sesc.net
ADDRESS: 102 Maxwell Street, George 6530
PO BOX: 9087, George, 6530

CAPE TOWN
TEL: +27 (0) 21 554 5195 FAX: +27 (0) 86 575 2669
EMAIL: betsy@sesc.net WEBSITE: www.sesc.net
ADDRESS: Tableview, Cape Town, 7441
PO BOX: 443, Milnerton, 7435

NOTICE OF PRE-APPLICATION DRAFT BASIC ENVIRONMENTAL ASSESSMENT REPORT (DBAR) & WASTE MANAGEMENT LICENCE (WML)

INVITATION TO REGISTER AS AN INTERESTED & AFFECTED PARTY (I&AP) AND PROVIDE COMMENT

PROPOSED DEVELOPMENT OF A PILOT DEPOLYMERISATION PROCESSING PLANT ON PORTION 21 OF THE REMAINDER OF THE FARM RHEEBOKSFONTEIN NO.142 IN MOSSEL BAY, WESTERN CAPE.

LOCATION: The proposed development is located on Portion 21 of the Remainder of the Farm Rheeboksfontein No.142 in Mossel Bay, Western Cape. The site is located north-west of the existing Groot Brak town, on the existing Mobicast property.

DEVELOPMENT DESCRIPTION: Rooikat Recycling are proposing to develop a Pilot Depolymerisation Processing Plant. This plant would treat domestic plastic and tyres at a large scale to produce a basket of fuels that can be placed in the existing market.

LISTED WASTE ACTIVITIES: The proposed activity will trigger the following listed waste management activities: **Category A (GNR No. R. 921):** Activities 6 & 12.

A person who wishes to commence, undertake or conduct a waste management activity listed under Category A of GN No. R 921 of 2013, must conduct a basic assessment process as set out in the Environmental Impact Assessment Regulations made under section 24(5) of the National Environmental Management Act, 1998 (Act No. 107 of 1998) as part of a waste management license application. The proposed development will not trigger any additional listed activities in terms of the Environmental Impact Assessment Regulations, 2014 as amended 07 April 2017 (GN No. R. 324-327).

OPPORTUNITY TO PARTICIPATE: Potential Interested & Affected Parties (I&APs) are invited to register & provide comment on this proposal. I&APs must provide their comments together with their name, contact details (preferred method of notification, e.g. e-mail or fax number) & indicate any direct business, financial, personal or other interest they have in the application to the contact person indicated below, within 60 days from 28 February 2020. Requests for registration &/or comment must reach us before or on **30 March 2020**.

I & AP REGISTRATION AND COMMENT PERIOD: 28 February 2020 to 30 March 2020

FOR MORE INFORMATION: This report can be downloaded from SES's website: www.sesc.net, and is available at the Ellen van Rensburg Public Library (Long Street, Great Brak, George), as well as through contacting the consultant below.

Betsy Ditcham / Tel: 021 554 5195 / Fax: 086 575 2869 / Email: betsy@sesc.net / P.O Box 443, Milnerton, 7435.

- Environmental Impact Assessments • Basic Assessments • Environmental Management Planning
- Environmental Control & Monitoring • Public Participation • Broad scale Environmental Planning





GEORGE
TEL: +27 (0) 44 873 4923 FAX: +27 (0) 44 874 5953
EMAIL: info@sesc.net WEBSITE: www.sesc.net
ADDRESS: 102 Merriman Street, George 6530
PO BOX: 9087, George, 6530

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PO BOX: 443, Milnerton, 7435

DEA & DP REF: 16/3/3/6/7/1/D6/17/0193/19

28 February 2020

CapeNature
4th Floor,
Rentzburg Hof,
42 Courtney Street,
Bodorp,
George,
6529

BY HAND

Dear Mr Fordham

NOTIFICATION: START OF THE 30-DAY COMMENTING PERIOD ON THE PRE-APPLICATION DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED DEVELOPMENT OF A PILOT DEPOLYMERISATION PROCESSING PLANT ON PORTION 21 OF THE REMAINDER OF THE FARM RHEEBOKSFONTEIN NO.142 IN MOSSEL BAY, WESTERN CAPE.

Enclosed herewith please find the Pre-Application Basic Assessment Report for the abovementioned proposal. I have included one electronic copy. The report can also be downloaded from the SES website (www.sesc.net) under the "public documents" section. This Draft Report is available for review and comment, from **28 February 2020 to 30 March 2020**.

You are hereby invited to submit any comments you may have on the Report in writing to Betsy Ditcham by email (preferred), post or fax, using the contact details provided below.

Don't hesitate to contact me if you require any further information, or have any questions relating to this project.

Yours sincerely,

Betsy Ditcham

Cape Town Office Manager; Principle Environmental Assessment Practitioner

Tel: 082 456 6918 | Fax: 044 874 5953 | email: betsy@sesc.net | Post: P.O. Box 9087, George, 6530

WESTERN CAPE
NATURE CONSERVATION BOARD
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GEORGE
TEL: +27 (0) 44 873 4923 FAX: +27 (0) 44 874 5953
EMAIL: info@sesc.net WEBSITE: www.sesc.net
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DEA& DP REF: 16/3/3/6/7/1/D6/17/0193/19

28 February 2020

Garden Route District Municipality
District Air Quality Control
c/o Marlin & Sampson Street,
Ext 23,
Mossel Bay,
6500

BY HAND

Dear Dr Johann Schoeman

NOTIFICATION: START OF THE 30-DAY COMMENTING PERIOD ON THE PRE-APPLICATION DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED DEVELOPMENT OF A PILOT DEPOLYMERISATION PROCESSING PLANT ON PORTION 21 OF THE REMAINDER OF THE FARM RHEEBOKSFONTEIN NO.142 IN MOSSEL BAY, WESTERN CAPE.

Enclosed herewith please find the Pre-Application Basic Assessment Report for the abovementioned proposal. I have included one electronic copy. The report can also be downloaded from the SES website (www.sesc.net) under the "public documents" section. This Draft Report is available for review and comment, from **28 February 2020 to 30 March 2020**.

You are hereby invited to submit any comments you may have on the Report in writing to Betsy Ditcham by email (preferred), post or fax, using the contact details provided below.

Don't hesitate to contact me if you require any further information, or have any questions relating to this project.

Yours sincerely,

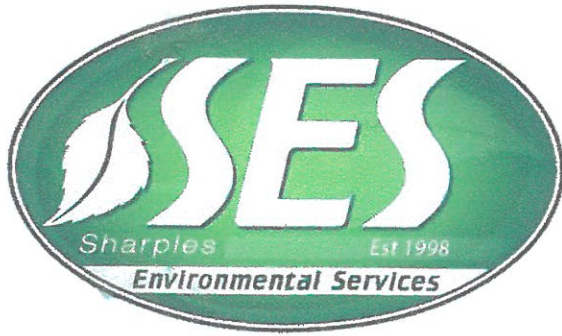
Betsy Ditcham

Cape Town Office Manager; Principle Environmental Assessment Practitioner
Tel: 062 456 6918 | Fax: 044 874 5953 | email: betsy@sesc.net | Post: P.O. Box 9087, George, 6530



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GEORGE
TEL: +27 (0) 44 873 4923 FAX: +27 (0) 44 874 5953
EMAIL: info@sesc.net WEBSITE: www.sesc.net
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DEA & DP REF: 16/3/3/6/7/1/D6/17/0193/19

28 February 2020

Ellen van Rensburg Public Library
Long Street
Groot Brak
6525

BY HAND

To Whom it May Concern,

NOTIFICATION: START OF THE 30-DAY COMMENTING PERIOD ON THE PRE-APPLICATION DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED DEVELOPMENT OF A PILOT DEPOLYMERISATION PROCESSING PLANT ON PORTION 21 OF THE REMAINDER OF THE FARM RHEEBOKSFONTEIN NO.142 IN MOSSEL BAY, WESTERN CAPE.

Rooikat Recycling proposes to construct a Pilot Depolymerisation Processing Plant on Portion 21 of the Remainder of the Farm Rheebofsfontein No.142 in Mossel Bay. Rooikat Recycling are proposing to develop a robust, fit for purpose thermal depolymerisation technology consisting of depolymerization and separation sections. This technology will allow the treatment of domestic plastic and tyres at a large scale to produce a basket of fuels that can be successfully placed in the existing market.

Enclosed herewith please find the Pre-Application Draft Basic Assessment Report for the abovementioned proposal. This Draft Report is now available for review and comment, from **28 February 2020 to 30 March 2020.**

Please display the document in an area where the public will have access to it. The document should, however, not leave the library during the commenting period.

Any comments may be in writing to Betsy Ditcham by email (preferred), post or fax, using the contact details provided below.

Don't hesitate to contact me if you require any further information, or have any questions relating to this project.

Yours sincerely,

Ellen van Rensburg
Biblioteek / Library
Langstraat, Groot Brak Rivier

Betsy Ditcham

Cape Town Office Manager: Principle Environmental Assessment Practitioner

Tel: 021 554 51954 | Fax: 086 575 2869 | email: betsy@sesc.net | Post: P.O. Box 443, Milnerton, 7435

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DEA & DP REF: 16/3/3/6/7/1/D6/17/0193/19

28 February 2020

DEA & DP: Directorate: Air Quality Regulatory Services
 Utilitas Building
 1 Dorp Street,
 Cape Town,
 8001

BY HAND

Dear Mr Harmse

NOTIFICATION: START OF THE 30-DAY COMMENTING PERIOD ON THE PRE-APPLICATION DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED DEVELOPMENT OF A PILOT DEPOLYMERISATION PROCESSING PLANT ON PORTION 21 OF THE REMAINDER OF THE FARM RHEBOKSFONTEIN NO.142 IN MOSSEL BAY, WESTERN CAPE.

Enclosed herewith please find the Pre-Application Basic Assessment Report for the abovementioned proposal. I have included one electronic copy. The report can also be downloaded from the SES website (www.sesc.net) under the "public documents" section. This Draft Report is available for review and comment, from 28 February 2020 to 30 March 2020.

You are hereby invited to submit any comments you may have on the Report in writing to Betsy Ditcham by email (preferred), post or fax, using the contact details provided below.

Don't hesitate to contact me if you require any further information, or have any questions relating to this project.

Yours sincerely,

Betsy Ditcham

Cape Town Office Manager; Principle Environmental Assessment Practitioner
 Tel: 082 456 6918 | Fax: 044 874 5953 | email: betsy@sesc.net | Post: P.O. Box 9087, George, 6530



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 TEL: +27 (0) 44 873 4923 FAX: +27 (0) 44 874 5953
 EMAIL: info@sesc.net WEBSITE: www.sesc.net
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DEA & DP REF: 16/3/3/6/7/1/D6/17/0193/19

28 February 2020

Department of Environmental Affairs
 and Development Planning
 Development Management: Waste Management Directorate
 Registry Office
 1st Floor Utilitas Building
 1 Dorp Street,
 Cape Town

BY HAND

Att: Eddie Hanekom

Dear Mr Hanekom

NOTIFICATION: START OF THE 30-DAY COMMENTING PERIOD ON THE PRE-APPLICATION DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED DEVELOPMENT OF A PILOT DEPOLYMERISATION PROCESSING PLANT ON PORTION 21 OF THE REMAINDER OF THE FARM RHEEBOKSFONTEIN NO.142 IN MOSSEL BAY, WESTERN CAPE.

As the relevant competent authority, you are hereby notified that the abovementioned Pre-Application Basic Assessment Report is now available for review and comment, from 28 February 2020 to 30 March 2020.

Enclosed herewith please find the Pre-Application Basic Assessment Report for the abovementioned proposal. I have included one hard copy and one electronic copy. The report can also be downloaded from the SES website (www.sesc.net) under the "public documents" section.

You are hereby invited to submit any comments you may have on the Pre-Application Report in writing to Betsy Ditcham by email (preferred), post or fax, using the contact details provided below.

Don't hesitate to contact me if you require any further information, or have any questions relating to this project.

Yours sincerely,

Betsy Ditcham

Cape Town Office Manager, Principle Environmental Assessment Practitioner
 Tel: 082 456 6918 | Fax: 044 874 5953 | email: betsy@sesc.net | Post: P.O. Box 4530, Tableview, Cape Town, 7441





GEORGE
 TEL: +27 (0) 44 873 4923 FAX: +27 (0) 44 874 5953
 EMAIL: info@sesc.net WEBSITE: www.sesc.net
 ADDRESS: 102 Merriman Street, George 6530
 PO BOX: 9087, George, 6530

CAPE TOWN
 TEL: +27 (0) 21 554 5195 FAX: +27 (0) 86 575 2869
 EMAIL: betsy@sesc.net WEBSITE: www.sesc.net
 ADDRESS: Tableview, Cape Town, 7441
 PO BOX: 443, Milnerton, 7435

DEA & DP REF: 16/3/3/6/7/1/D6/17/0193/19

28 February 2020

DEA & DP: Directorate: Pollution and Chemicals Management
 2nd Floor,
 Property Centre,
 1 Dorp Street,
 Cape Town,
 8001

BY HAND

Dear Ms McClelland

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Yours sincerely,

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- Environmental Impact Assessments • Basic Assessments • Environmental Management Planning
- Environmental Control & Monitoring • Public Participation • Broad scale Environmental Planning