

# Appendix I

## Issues Trail from the Scoping Process



## Comments from public consultation, April 2010

No.	Commenter	Date	Issue Raised	Response from the EIA Team
1.	Ben Haraseb (Ministry of Agriculture and Water Affairs, DEES)	14 April 2010 (E-mail)	The Orange/Fish River Basin Management Committee is generally concerned about the use of water in Upper and Lower Orange and Fish River basin. We are also concerned about how the extension will impact on the environment and social aspect of the people living in those areas.	This matter will be addressed in the Specialist study on the river ecology.
2.	Rosh Pinah Community Member	20 April 2010 (RP Community Meeting)	How long will this project last?	Namdeb estimates it will be 5 - 7years.
3.	Rosh Pinah Community Member	20 April 2010 (RP Community Meeting)	When will it start?	Namdeb is presently busy with feasibility studies. Construction will probably commence by mid 2011.
4.	Rosh Pinah Community Member	20 April 2010 (RP Community Meeting)	Where will the people stay?	Workers will be accommodated at the Daberas hostel and in Oranjemund.
5.	C. Kerr (Skorpion Zinc)	20 April 2010 (RP Community Meeting)	The length of the tramming route?	The tramming route is about 14 km
6.	C. Kerr (Skorpion Zinc)	20 April 2010 (RP Community Meeting)	What will the mining rate be?	The mining rate will be 770 tonnes/hour.
7.	C. Kerr (Skorpion Zinc)	20 April 2010 (RP Community Meeting)	It will be dusty when it is dry?	It will be very dusty due to the high clay content. Dust will be blown to the north east. This is something that has to be considered in the EIA. Putting the infrastructure upwind would avoid this problem.
8.	C. Kerr (Skorpion Zinc)	20 April 2010 (RP Community Meeting)	What about dust extraction plants?	This is something that Namdeb will consider.
9.	Rosh Pinah Community Member	20 April 2010 (RP Community Meeting)	Electricity needs?	It is estimated that 1.1 MW will be needed.
10.	Rosh Pinah Community Member	20 April 2010 (RP Community Meeting)	Electricity needed for the plant?	Less than 2 MVA will be required.

11.	Rosh Pinah Community Member	20 April 2010 (RP Community Meeting)	Is this area in the Sperrgebiet?	Sendelingsdrif is in the Sperrgebiet.
12.	Rosh Pinah Community Member	20 April 2010 (RP Community Meeting)	The road to Oranjemund and the issue of the proclamation of the town will have to be considered.	This is under consideration.
13.	Rosh Pinah Community Member	20 April 2010 (RP Community Meeting)	Are you aware of the development plans for the area in terms of tourism?	Tryg Cooper, the Chief warden of the Sperrgebiet, accompanied the project team on a site visit, and identified potential areas for tourism concessions. These will start at the old police station; hiking will start at the south of the river. These are part of long-term post mine operations plans.
14.	Rosh Pinah Community Member	20 April 2010 (RP Community Meeting)	How many people will be employed by this proposed mining project?	No extra people will be employed for the mining operations, while an additional 10 people might be employed on the aerial ropeway. 2-4 people might be employed at scalping and screening. This is not a new mine, just a change of mine zone.
15.	Rosh Pinah Community Member	20 April 2010 (RP Community Meeting)	Note that Rosh Pinah already has problems in terms of accommodation. Job seekers will stop at Rosh Pinah and will have to be accommodated here.	Noted.
16.	Rosh Pinah Community Member	20 April 2010 (RP Community Meeting)	The biggest problem might be during construction. It will put increased pressure on the existing infrastructure in Rosh Pinah.	Noted.
17.	U. Witbooi (Namdeb)	20 April 2010 (RP Community Meeting)	Namdeb is aware that there are graves in the area. A baseline study was conducted and 11 archaeological sites were found. These will be fenced-off and not affected by mine operations.	Noted.
18.	Rosh Pinah Community Member	20 April 2010 (RP Community Meeting)	Some water will be used in the plants, others on the road. You have to look at what to do with excess water.	Sendelingsdrift is very dry. Water was found in the scours that will have to be disposed off. The water can be used for road maintenance and must not be allowed to seep into the river. Namdeb has allowed for a pipeline that can pump it to the sampling plant's reservoir.

19.	Rosh Pinah Community Member	20 April 2010 (RP Community Meeting)	The aerial ropeway, will it be dismantled once the mining has been completed?	This still has to be decided. One option is to use it for tourism, at least some section of the 14 km, especially over the parts where the landscapes changes. If Obib mining zone is exploited, the ropeway might be use there. It might be redesigned to be used at other parts of ORM.
20.	Rosh Pinah Community Member	20 April 2010 (RP Community Meeting)	Maintenance costs and safety might be issues should the aerial ropeway be used for tourism purposes. .	It might not be practical.
21.	Rosh Pinah Community Member	20 April 2010 (RP Community Meeting)	The current road is a gateway to South Africa. Will it be affected by this project?	In terms of security measures, nothing will change as a result of the project. Should the road and town be proclaimed, it could impact on access measures.
22.	Rosh Pinah Community Member	20 April 2010 (RP Community Meeting)	Not everyone understands English. Afrikaans or Oshiwambo translation is needed.	An overview of the content of the discussions were given in Oshiwambo and Afrikaans.
23.	Rosh Pinah Community Member	20 April 2010 (RP Community Meeting)	During construction phase and the recruitment of the 10 employees for operations, please consider the close-by communities, such as Rosh Pinah first.	Noted.
24.	Rosh Pinah Community Member	20 April 2010 (RP Community Meeting)	How will recruitment for construction work, will we have to work through the Karas Forum?	This has not yet been determined.
25.	Rosh Pinah Community Member	20 April 2010 (RP Community Meeting)	Will construction be done by Namdeb or contractors?	It will be a combination of the two. Some construction will be conducted by Namdeb, while others, such as the aerial ropeway will require specialist construction skills supplied by contractors.
26.	Rosh Pinah Community Member (Comment supported by 11 members)	20 April 2010 (Comments forms)	We are in search of employment opportunities, and preference should be given to Oranjemund and Rosh Pinah communities regarding recruitment.	Noted. However, very few people will be recruited.
27.	Oranjemund Community Member	21 April 2010 (Oranjemund Community Meeting)	Dust will be a problem. Are you going to use water or dust arbitration?	This issue was also raised at the Rosh Pinah community meeting. This will definitely be considered, but the best method for managing it is still to be assessed.

28.	S. Van Zyl (Enviro Dynamics)	21 April 2010 (Oranjemund Community Meeting)	In Rosh Pinah about 50% of the town is unemployed. Most of those who attended the meeting were job seekers. They asked for jobs even though it was explained that very little new jobs will be created by this project.  Rosh Pinah is also vulnerable as most job seekers will move there as they cannot enter Oranjemund.	Noted.
29.	Jack Wasserfall (Namdeb)	21 April 2010 (Oranjemund Community Meeting)	Zone 6 and 7 are scourers which contain water. Dewatering will have to be done.	Noted.
30.	Oranjemund Community Member	21 April 2010 (Oranjemund Community Meeting)	Is the ropeway cheaper than a tarred road?	Only two options were viable for transporting material from Sendelingsdrift to Daberas, namely, the aerial ropeway and a tarred road. Safety counted against the road, as it implies 14 trucks per hour on a public road, 24 hours a day. This would be a safety risk for the truck drivers and public. Also, fuel consumption would increase its carbon footprint along with an increase in cost for employment.
31.	Oranjemund Community Member	21 April 2010 (Oranjemund Community Meeting)	Will the police station be treated as an archaeological site?	It is an archaeological site; it was built sometime between 1911 and 1914. Its existence was noticed only after 1911 <sup>1</sup> .
32.	Oranjemund Community Member	21 April 2010 (Oranjemund Community Meeting)	The road is due to be proclaimed soon. How will it affect the project and the aerial ropeway?	Proclamation and tarring of the road could have benefited the project. GRN plans to tar it at a later time. The aerial ropeway still proves to be a better business case.
33.	Abisai Shanyenge (Namdeb)	21 April 2010 (Oranjemund Community Meeting)	In terms of routing the ropeway, will it collide with the road?	A detailed design is in progress. It will not be close to the road and it will intersect the road three times.
34.	Abisai Shanyenge (Namdeb)	21 April 2010 (Oranjemund Community Meeting)	I would like to sit down with the engineer and discuss the proposed road routes.	Noted.

<sup>1</sup> Fred C Cornell. 1920. *Glamour of Prospecting*. London: T Fisher (Unwin)

35.	Oranjemund Community Member	21 April 2010 (Oranjemund Community Meeting)	Regarding servicing of the aerial ropeway, will you need a road under it?	Clarity is still required on this. The day-to-day maintenance will be done via a man-cage travelling on the rope. Such ropeway systems are used all over the world in areas that are inaccessible by vehicles, such as Chile, thus a road for servicing might not be needed.
36.	Callum Kerr (Skorpion Zinc)	21 April 2010 (E-mail)	A good turnout and a well organized presentation, not too long, but understandable concern by some of the focus on only English. Afrikaans is a strong language in the area, and future communication will need to include that – possibly even one of the other Namibian languages too.	Summaries of the presentations in both Oshiwambo and Otjiherero were given, and this seemed satisfy everybody. RoshCor staff indicated that English at the meetings would be adequate. Other languages for further communications need to be considered.
37.	Elia Haindombo (Rosh Pinah Community Member)	7 May 2010 (Comments form, via post mail)	To Occupied Health and Safety in the life of the project. Please bring development to our region. Please inform as soon as possible.	Noted.
38.	Launa Kamat (Rosh Pinah Community Member)	7 May 2010 (Comments form, via post mail)	To have a strong production team. No pollution, no damage and a good SHE policy. Notification immediately when project starts.	Noted.
39.	Amandeus Shakisha (Rosh Pinah Community Member)	7 May 2010 (Comments form, via post mail)	Occupied a SHE policy, OSHAS and ISO. To protect the environment and its people. Have a strong production team. Other concerns we will causes at the mine, during the work period, before and after the work. 2x2 first, Inspection of the work places and so on. I comment to notify us job seekers as immediately.	Noted.
40.	Coleen Mannheimer	1 June 2010 (Windhoek public meeting)	Is it economically possible and viable to return the fraction of the soil, which does not contain diamonds, in the empty buckets that are being returned from Daberas to Sendelingsdrif?	This was not investigated in detail by Namdeb. However, high-level costing shows this not to be feasible. In addition, the water used to wash the soil will damage/wash out any deposits and this (transporting full vs. empty buckets) would also require extra power.

41.	Ndina Nashipili	1 June 2010 (Windhoek public meeting)	How far are the two mines from each other?	Sendelingsdrif is situated approximately 16km north-east of the Daberas mine.
42.	Stef de Wet (Water and river ecology specialist)	1 June 2010 (Windhoek public meeting)	Where is the access road from South Africa past the Sendelingsdrif pond?	The access road is approximately 8km upstream.
43.	Coleen Mannheimer (Vegetation Specialist)	1 June 2010 (Windhoek public meeting)	In the event that the capacity increases – what would be the impact on the environment to upgrade the rope way	The ropeway will be built for a larger capacity and buckets will be added as needed. There is also an option to increase the loading speed if required.
44.	Stef de Wet	1 June 2010 (Windhoek public meeting)	What is the gradient difference?	The gradient difference will be less than 5m.
45.	John Irish (Insect Specialist)	1 June 2010 (Windhoek public meeting)	What is the anticipated life of mine?	Namdeb is looking at 2017-2020, depending on various factors, like diamond prices, etc. The actual life of mine will most probably reach beyond 2020. Pockets that are currently not feasible might become so at a later stage.
46.			Where will the workshops be built?	These will most probably be situated between Terrace Inlet and Terrace Meso. The three small plants will also be situated there. This should address environmental and tourism concerns.
47.	Coleen Mannheimer	1 June 2010 (Windhoek public meeting)	Namdeb's commitment to the environment and their restoration plans are commendable.	Namdeb is aligning itself to the latest De Beers Family of Company standards in terms of the environment (biodiversity, life cycle planning, waste management, etc). In addition, from a business point of view it is much better to take care of rehabilitation as you go along that having to do it retrospectively. Rehabilitation requirements are incorporated from the start of the project life. De Beers standards also prescribes that new mining operations need to be ISO14000 compliant one year after implementation.



48.	Jack Wasserfall (Project Manager - Namdeb)	1 June 2010 (Windhoek public meeting)	Namdeb is very concerned about other industrial/mining plants along the southern border of the Orange River (i.e. in SA), who don't seem to follow environmentally sound methods, which could endanger the water quality of the river. There are also a lot of farms on the SA side of the river bed further downstream, which could be affected.	Greg Christelis advises that this be brought to the attention of the Orange River/Transboundary Commission. A letter should be submitted to the Dept. Water Affairs, which will then be forwarded to the respective Commission for further investigation. The TOR of the Commission is on an advisory level only, but they could nevertheless take the matter further. This is probably already on the agenda of the Commission (Stef de Wet). Water sampling along the Orange River will start soon (Ndina Nashipili). There are 4 sampling points, one of them being at Sendelingsdrif. A joint monitoring exercise is planned to commence in August and will be repeated every 5 years. There will be 3 teams covering the area, moving from Noordoewer to the coast. This process also involves stakeholder participation.
49	Stef de Wet	1 June 2010 (Windhoek public meeting)	Are there any talks about shifting the Sendelingsdrif mine gate?	This is not envisaged by Namdeb.
50.	Ben Booysen (Ministry of Works, Transport and Communication)	1 June 2010 (Windhoek public meeting)	Mr Booysen cannot see any contributions i.t.o. infrastructure from the side of the Ministry of Works and Transport at this point.	The proclamation of the towns and the roads will require further attention, but these will have a limited impact on this project.
51.	Eric Maletsky (Ministry of Fisheries)	1 June 2010 (Windhoek public meeting)	MFR will submit feedback to the respective Heads of the Inland Fisheries Dept but advised Namdeb to link up with the Dept. on Aquaculture as well. Any comments will be forwarded to Namdeb.	Namdeb is limiting the impact as far as possible by not extracting any water from the river.
52.	Alex Maritz (Stubenrauch Planning Consultants (SPC), Coleen Mannheimer)	1 June 2010 (Windhoek public meeting)	SPC only recently commenced with the Karas Integrated Land Use Plan and not much can be reported in this regard that would influence this project. However, SPC undertakes to consider mining in their reporting.	Meetings for the Karas Integrated Land Use Plan were and are still to be held in Windhoek as well as in the Karas Region.

55.	Mathew Amunghete (Ministry of Mines and Energy)	1 June 2010 (Windhoek public meeting)	Mr Amunghete applauded Namdeb for spearheading mining activities in Namibia and congratulated them on a project well executed. The Ministry is in the process of updating Namibia's mining legislation and Namdeb's example of rehabilitating concurrently will be used as a benchmark and can then be enforced on other mines as well.	-
56.	Ursula Witbooi (Environmental Coordinator: Namdeb)	1 June 2010 (Windhoek public meeting)	DWA is currently doing compliance and pollution checks at Namdeb. DWA will revisit various technical reports for Namdeb's licence areas prior to DWA issuing them with permits. Applicable conditions as discussed at this meeting to be included in technical reports.	-
57.	Stef de Wet	1 June 2010 (Windhoek public meeting)	The new Water Act makes clear provision that pure ground water needs to be re-used rather than being wasted.	Namdeb confirms this.

## Comments from public consultation, February 2011

No.	Commenter	Date	Issue Raised	Response from EIA Team
1.	S. Saayman (RoshSkor Manager)	3 February 2011 (E-mail)	<p>Our biggest single concern relates to the potential influx of job seekers into Rosh Pinah.</p> <p>From a town planning perspective sudden substantial influx of people poses a major challenge for RoshSkor. We are limited in terms of available plots, sewer facilities, electrical capacity, water capacity, school capacity and medical facilities.</p> <p>The fact that this project falls just within a restricted area poses a very definite "threat" to Rosh Pinah that is located just outside the restricted area. The potential exists that a large number of people may come and sit in Rosh Pinah, awaiting a possible job.</p> <p>My question to the people doing these impact assessment: What pro-active plans are in place to assist Rosh Pinah (RoshSkor)? We have asked this question in different forms at a number of occasions – still no answer.</p> <p>Please make a very serious note: Rosh Pinah is limited in capacity to cope with sudden influx of people, especially the informal settlement.</p> <p>If we can enter into negotiations to plan a pro-active plan of action, it will be very beneficial to all parties involved.</p>	<p>Namdeb plans to transfer its workforce from Daberas to Sendelingsdrif. If additional workers are needed, these will be sourced from Oranjemund.</p> <p>Namdeb will work out a communication plan with RoshSkor to discourage the influx of new workseekers, that is, to spread the message that no new jobs will be created for Sendelingsdrif. This would include radio spots and distribution of pamphlets. At the EIA public meeting in Rosh Pinah in April 2010, it was emphasized to those present that Namdeb isn't planning to create new jobs at Sendelingsdrif.</p> <p>However, the reality is that there will be individuals who will not get the message before they reach Rosh Pinah, and who then stay even though they know there are no jobs available.</p>

			There is no way that we can presume that there will be no influx once this project starts. With Namibia's high unemployment rate, people flock to any potential opportunity. The privilege of Namdeb is that they can keep the people out of Oranjemund – Rosh Pinah cannot.	
2.	J. Irish (Environmental Consultant)	3 February 2011 (E-mail)	<p>As far as I can gather, much infrastructure at Daberas that would previously have been utilised will now be duplicated at Sendelingsdrif.</p> <p>This will include at least a processing plant, stockpiles, a workshop for earthmoving equipment, wash bay, lube facility, bulk fuel depot, possible power generators, administrative offices, and accessory services. Because of processing at Sendelingsdrif, waste rock and tailings dumps would also now be located at Sendelingsdrif. The Background Information Document gives essentially no useful information about the location or footprints of any of these new developments, so it is not really possible to give an informed opinion on their potential impacts relative to the previous mine plan.</p> <p>This does not look like the mine that was previously assessed any more. I doubt whether the previous EIA can be adapted to serve a purpose it was not intended for.</p>	Some graphics were not provided in the Background Information Document, so that it was a manageable size for emailing to stakeholders. Figure 3.6 on page 22 of this report provides proposed locations for residue management at the Sendelingsdrif mine. The location of two potential fine tailings disposal areas are shown in Figure 3.9 on page 26 of this report. Namdeb is currently still investigating the various fine tailings disposal options for Sendelingsdrif described in Table 3.2 on page 25 of this report. The previous Scoping Report and project description have been discontinued.
3.	S. Saayman (RoshSkor Manager)	3 February 2011 (E-mail)	There has already been contractors who approached us and indicated that they will need accommodation.	These contractors are not working for Namdeb.