

N2 WILD COAST TOLL HIGHWAY PROJECT

MINUTES OF ENVIRONMENTAL MONITORING COMMITTEE MEETING NUMBER 8

Date: 15 August 2018

Time: 10h30

Venue: Mtamvuna Room, Wild Coast Sun

No.	Item	Action
1.	<u>OPENING AND WELCOME</u>	
1.1	Opening Mr Drew (NMA Effective Social Strategists) opened the meeting and introduced Sakhiwo Nombembe (ECPTA), Barney Kgope, Stanley Tshitwamulomoni and Pamela Kershaw (DEA Biodiversity and Conservation), Eloise Costandius (SLR) and Nomi Muthialu (NMA) who were attending the meeting for the first time. <i>Refer to attached attendance register for a list of attendees</i>	
1.2	Apologies Apologies were given for Mr Smit (DEA), Mr Gabula (DEDEAT), Mr Mokhanya (ECPHRA), Mr Denison (WESSA) and Ms Thompson (DMR).	
1.3	Observers Mr Drew welcomed Ms Margie Pretorius (Sustaining the Wild Coast) and Mr Pat Goss (Wild Coast citizen) as observers to the meeting.	
2.	<u>ADOPTION OF AGENDA</u>	
2.1	The agenda was adopted without any amendments or additions.	
3.	<u>PROGRESS UPDATE ON N2 WILD COAST TOLL HIGHWAY PROJECT - SANRAL</u>	
3.1	Mr McLachlan (SANRAL) gave a presentation on progress on the project (<i>Refer to Annexure I</i>).	
4.	<u>UPDATE ON BIODIVERSITY OFFSET AGREEMENT – ECPTA</u>	
4.1	Dr Songelwa (ECPTA) gave a presentation on the BOA (<i>Refer to Annexure II</i>).	
5.	<u>ENVIRONMENTAL CONTROL OFFICER (ECO) REPORTS</u>	
5.1	Southern Section (Ndwalane to Msikaba)	
5.1.1	Ms Stuurman (EIMS) gave a presentation on the ECO report for the southern greenfield section - Msikaba River Bridge haul roads and bridge sites. (<i>Refer to Annexure III</i>).	
5.2	Northern Section (Msikaba to Mtamvuna)	
5.2.1	Mr Lepono (Ecosolve Consulting) gave a presentation on the ECO report for the northern greenfield section - Mtentu River Bridge and haul roads. (<i>Refer to Annexure IV</i>).	
6.	<u>ENVIRONMENTAL AUDIT REPORT</u>	
6.1	Ms Ntene (Letsolo) gave a presentation on the environmental audit report. (<i>Refer to Annexure V</i>).	
7.	<u>ADOPTION OF PREVIOUS EMC MINUTES</u>	
7.1	The minutes of the previous meeting were adopted as an accurate reflection of the proceedings of the previous meeting without any further amendments or additions. They were sent out for comment to EMC members after the previous meeting and then placed on the project website.	
8.	<u>MATTERS ARISING</u>	
	From the Presentations	
8.1	Ms Pretorius (Sustaining the Wild Coast) asked about the large stockpiles of rubble on the Mtentu North haul road and why they were not removed timeously and whether they could be causing run-off into the Jama River which is a tributary to the Mtentu River and whether this could be a	

	<p>contributing factor in the silting up of the Mtentu mouth and the absence of the kingfish from the river this year. She said although SANRAL's presentation showed this wasn't the case the community have raised the concern and they need to be responded to directly and given an explanation.</p> <p>Mr Muir (Aveng Strabag JV – Environmental Manager) said there was a public participation process with the local community when they were establishing the site camp which explained everything that was going to happen on the project and nobody raised any concerns about this issue.</p> <p>Ms Pretorius said that this just goes to show that more effort is required from SANRAL in engaging with the community because not everyone attended the meetings that were referred to and there are real concerns that are being raised and need to be addressed.</p> <p>Mr Drew said that SANRAL must make a concerted effort to inform the local communities of the channels they can use to raise concerns about the project, whether it be through the Project Liaison Committees or other communication channels that SANRAL has in place, so that these kinds of issues can be raised and addressed in the appropriate manner.</p> <p>Ms Makoia (SANRAL) said that the EMP makes provision for submission of complaints and these can also be made to the site environmental personnel, SANRAL or authorities and there is thus no need to wait until the EMC meeting to raise a concern.</p> <p>Matters Arising from the Minutes of EMC Meeting No 7 on 15 May 2018</p>	
8.2	<p><i>Item 8.1: SANRAL to include DEDEAT in the registration process for unlicensed sand mines.</i></p> <p>Mr McLachlan said that this is still a work in progress and SANRAL will include DEDEAT once they are ready to do so.</p>	SANRAL
8.3	<p><i>Item 8.3: SANRAL agreed to raise land use planning with ECSECC as a critical concern on behalf of the EMC and to request that a task team be set up to deal with the issue.</i></p> <p>Mr McLachlan said the last ECSECC meeting was cancelled but he will raise it at the next meeting.</p>	SANRAL
8.4	<p><i>Item 8.6: Mr Van der Merwe to forward details of the estate manager and four DAFF representatives that need to be included for the site visit.</i></p> <p>Mr Drew said the site visit took place and the relevant people were invited to attend.</p>	
8.5	<p><i>Item 8.9: DEDEAT must do compliance monitoring for the conditions in their permit.</i></p> <p>Mr De Villiers (DEDEAT) said that a compliance inspection was undertaken and a report will be sent to SANRAL. He said DEDEAT have developed a standard compliance monitoring procedure and officials have been delegated to ensure that compliance monitoring will take place on a regular basis. He said the current permit expires the following day and he hopes that SANRAL have applied for the new permit which has already been drafted with an amendment that provides clarity on the requirement for additional permits to be issued to anyone receiving TOPS plants from the project. Mr De Villiers further stated that application for renewal of the current permit had to be made 14 days before expiry of the permit.</p>	DEDEAT
	<p>Mr Fredericks (SLR) said he contacted DEDEAT the previous week requesting them to issue a renewal permit and was asked to complete an application form which was sent to him the previous day. This was currently being dealt with.</p> <p>Ms Makoia and Ms Songxaba clarified the reference to application for renewal having to be made 14 days prior to expiry of the permit by highlighting that, according to the permit conditions, it is valid until 16 August 2018 and must be returned to DEDEAT within 14 days of expiry.</p>	SLR
8.6	<p><i>Item 8.9: SANBI to give an opinion regarding the condition in the RoD once they have interacted with all the people concerned.</i></p> <p>Mr Drew said that SANBI is not present at the meeting and should respond at the next meeting.</p>	SANBI
8.7	<p><i>Item 8.11: Revised design standards for crossing wetlands to be developed.</i></p>	

	<p>Mr McLachlan said a draft revised standard was prepared based on a method used overseas. This uses rock enclosed in bidim to cross the wetland so that the seepage can pass under the road without needing to be channelled into a pipe except for situations where there is a high flow volume.</p>	
8.8	<p><i>Item 8.15: SLR to draft revised schedule of EMP fines for distribution to EMC for comment.</i></p> <p>Mr Drew said the revised schedule of fines was sent out for comment and as no comments were received the proposed fines were adopted and the new schedule placed on the project website. Hard copies were provided for EMC members.</p>	
8.9	<p><i>Item 8.17: ECOs must notify DEA or DEDEAT if there are contraventions so that appropriate action can be taken.</i></p> <p>Mr Drew said this was just a reminder for the ECOs.</p>	
8.10	<p><i>Item 8.18: The parties involved should discuss the attendance of DEA Enforcement at EMC meetings and inform the EMC of the decision.</i></p> <p>Mr De Villiers said that once the joint report on compliance monitoring has been released DEA must determine who should attend the meeting to report on any issues that need to be addressed but the feeling was that DEA Enforcement should attend the meetings.</p>	
8.11	<p><i>Item 8.20: Send ToR for palaeontologist's training material for environmental personnel to ECPHRA.</i></p> <p>Mr Fredericks said the ToR were sent to ECPHRA on 18 May 2018.</p>	
8.12	<p><i>Item 8.21: ECPHRA to put concerns regarding the grave relocations in writing to SANRAL.</i></p> <p>Mr Drew said that Mr Mokhanya from ECPHRA had sent an apology and could therefore not provide feedback on this matter. However, to date these concerns have not been put in writing to SANRAL. He said he would follow up with Mr Mokhanya in this regard.</p>	NMA
8.13	<p><i>Item 8.27: EIMS to send draft method statement for a system for checking and cleaning vehicles when they come onto site to PEM and other ECOs.</i></p> <p>Mr Fredericks said that all parties concerned had received the draft method statement and requested the Engineer to consider the practicality of the proposed measures and instruct the Contractor to update his alien and invasive species method statement to include any feasible measures for checking and cleaning vehicles and equipment when they come onto site.</p> <p>Mr Drew asked for a date by when the system can be operational.</p> <p>Mr McCall (HVA JV) said such a system will not be easy to implement as there are trucks coming from quarry sites on a daily basis and every vehicle will have to be pressure hosed. (5 September 2018)</p>	HVA JV / AS JV
8.14	<p><i>Item 8.30: "Distribute audit reports a week before the EMC meeting."</i></p> <p>Mr Drew said it depends on when he receives the environmental audit report but he will try to ensure the reports are distributed a week before the next meeting. (7 November 2018)</p>	NMA / SLR / Letsolo
8.15	<p><i>Item 8.33: Mr Drew to send an itinerary for the site visit before the next EMC meeting.</i></p> <p>Mr Drew said the itinerary was sent to EMC members with the reminder for the meeting.</p>	
8.16	<p><i>Item 8.36: DEA to report back to EMC on their site inspection and audit.</i></p> <p>Mr Drew said he was informed by DEA Compliance that the report is being reviewed by DEA Enforcement and has not been issued to SANRAL. DEA will provide feedback at the next EMC meeting. (14 November 2018)</p>	DEA
8.17	<p><i>Item 8.41: Mr Drew to request a list of additional people to receive EMC information for each organisation due to perceived lack of feedback to member organisations.</i></p> <p>Mr Drew confirmed he sent an email requesting additional names and received a few responses.</p>	

8.18	<p><i>Item 8.42: Mr Drew to send letters to organisations that have missed three consecutive meetings to determine if they still want to be part of the EMC.</i></p> <p>Mr Drew said he sent reminders of the meeting but Port St Johns and Ingquza Hill Municipalities are no longer attending the EMC and ACC meetings and do not respond to emails. He asked SANRAL to speak to these municipalities when they have meetings with them and request that they send representatives to the meetings.</p>	SANRAL
9.	<p><u>OTHER ISSUES / GENERAL</u></p>	
9.1	<p>Ms Hlongwane (DEA Compliance) proposed a meeting be held with the independent environmental auditor because there seems to be a misunderstanding on how she should report to DEA. She said the auditor was not present at the meeting between DEA and SANRAL and she needs to understand that she must assist DEA in monitoring compliance on the project as DEA is not on site regularly like she is. She said compliance also includes the systems and processes that are used on site. Ms Hlongwane said she will arrange the meeting (20 August 2018).</p> <p>Mr Drew asked Ms Hlongwane to copy SANRAL and SLR on the correspondence so that they can determine whether they would also like to attend the meeting.</p>	DEA DEA
9.2	<p>Ms Hlongwane asked if the BOA addendum makes any changes to the timeframes in the agreement as DEA needs to monitor compliance, for example, in terms of the submission of the implementation plan within 90 days and the rehabilitation plan which must be sent to DEA for comment.</p> <p>Ms Makoa said that auditing and reporting on the BOA is provided for in the BOA and is a separate process that is not part of compliance monitoring for the N2 Wild Coast Toll Highway.</p> <p>Mr McLachlan added that the addendum that was signed only concerns the mechanism for the payment of funds from SANRAL to ECPTA and does not affect the rest of the agreement.</p> <p>Dr Songelwa said that the MOU states the timeframes from the date of signature but subsequently it was agreed with SANRAL that ECPTA would draft another addendum to the BOA and ECPTA's legal department is currently preparing this. She said once the addendum has been drafted it can be made available to DEA for comment so that they can offer guidance. She said that as Ms Makoa stated the BOA makes provision for monitoring but if DEA feels that it wants to conduct additional auditing then ECPTA cannot pronounce on that.</p> <p>Ms Kershaw (DEA Biodiversity and Conservation) proposed that the issues being discussed should be addressed through the newly established Project Steering Committee and both DEA Compliance and DEA Biodiversity and Conservation can provide input in this regard at the next meeting.</p> <p>Mr Drew said the next BOA PSC meeting is on 30 October and hopefully all these issues can be addressed at that meeting and a report can then be given at the next EMC meeting.</p>	ECPTA / DEA DEA
9.3	<p>Mr Ricketts (DEDEAT) said that on the site visit Eskom were seen relocating their powerline across the Mtentu gorge and he asked if they had the necessary permits in place to carry out this work.</p> <p>Mr McLachlan said SANRAL told Eskom they could relocate the powerline just inside the road reserve so that they would be covered in terms of the environmental authorisation but they declined. He said he has the details of the relevant Eskom person which he can make available so DEDEAT can follow up on this.</p>	SANRAL / DEDEAT
9.4	<p>Mr Ricketts said that in Mr Lepono's presentation it was mentioned that two of the houses being constructed for relocated families were waterlogged and he said that this is a concern because it is currently the dry season and this could get worse in the rainy season.</p>	
9.5	<p>Mr Gibberd (SANRAL) said that new sites have been found for these two houses and temporary accommodation is being provided until these houses have been completed.</p> <p>Mr Dlamini (DEA Compliance) asked when the silt traps and rock fences will be installed at Mtentu gorge.</p> <p>Mr Passmore (AS JV) said the rock fencing was imported from Switzerland and is currently waiting to be cleared from Durban harbour. The specialist sub-contractor will be on site in two weeks time to begin installing the rock fences and this work should be completed by November. He said the silt traps are being installed as the work proceeds.</p>	
9.6	<p>Mr Dlamini said Ms Stuurman mentioned in her presentation that some of the Site ECOs were no longer on site and asked the reason for this.</p> <p>Mr Fredericks said that at completion of the haul roads the contractors had to ensure that the duties of the Site ECO would be handed over and carried out by another competent person, such as the site agent, should the Site ECO's contract be terminated while there was still outstanding work,</p>	

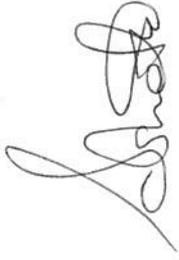
	<p>which in this case was construction of houses for relocated families.</p>	
9.7	<p>Mr Mapiya (ECPTA) said that in Mr Lepono's presentation he mentioned the high survival rate of rescued plants but on the site visit to the plant holding area it was said it is too early to determine this.</p> <p>Mr Lepono said this took into account the period from when the first plants were rescued to date.</p> <p>Mr Drew said this was one of the key issues to be reported on at the end of the project because many of these plants have never been relocated before. He said the plant search and rescue teams are documenting all their work so it can contribute to scientific knowledge in the future.</p>	
9.8	<p>Mr Mbikwana (DWS) said that in terms of water quality monitoring an external accredited laboratory should conduct the testing and not the entity responsible for the activity. However, if this is being conducted internally then the equipment that is used should be calibrated and certified by an accredited service provider.</p> <p>Mr Muir said the water quality monitoring is being done internally using equipment that is calibrated regularly by an accredited service provider.</p>	
9.9	<p>Mr Mbikwana said the location of the testing sites should be properly identified in any reporting.</p> <p>Mr Muir said this will be done going forwards.</p>	AS JV / ECOs
9.10	<p>Mr Mbikwana said the Mtentu is quite a small river which is very sensitive to any potential changes in water quality. He said when work is being carried out the mitigation measures must already be in place and if this is not possible then a proper risk assessment must be done. He said the spring rains will come soon and could cause problems if the proper mitigation measures in the form of rock fences and silt traps are not in place. He said he will invite his head office to do a compliance audit.</p> <p>Mr Muir said that it is difficult to install the rock fences without the necessary access so it is a Catch 22 situation and they are working as fast as they can to get them installed. He said the silt traps are being installed as the work progresses. He said the contractor only started working in the gorge from the beginning of May and the sedimentation spike that occurred in April was due to natural causes and was not related to the project.</p> <p>Mr Lepono said that such a spike could be caused by something like cattle crossing the river upstream and until there is more long term data that establishes the trends it is difficult to say exactly what might have caused such a spike.</p> <p>Mr Drew asked if it was not possible to use the water quality data that was collected during the EIA to create a stronger set of baseline data.</p> <p>Mr Fredericks said the information is available and could be used for this purpose.</p>	DWS
9.11	<p>Mr Mbikwana said that some of the secondary activities such as the water supply and sanitation for the site camp will require permits in terms of the National Water Act and the applications for these must make allowance for the time it takes to issue such permits.</p> <p>In response Muir said the sanitation system will use conservancy tanks that will be emptied at least twice a week. He said the water extraction licence applications have been made and water extraction will not commence before the permits have been issued.</p>	SLR / ECOs / AS JV
9.12	<p>Mr Mbikwana said that for the General Authorisation and WULA applications the borrow pits were not taken into consideration and he requested that when considering the source of materials SANRAL must take account of issues in the National Water Act and try to keep these to a minimum.</p>	
9.13	<p>Mr Mbikwana said that any new wetlands that are identified which do not form part of the original wetland delineation study should be updated on the DWS register. The method statements for the bridge piers and the footbridge must also be sent to DWS so that the files for the project are kept up-to-date.</p>	SLR / SANRAL
9.14	<p>Mr Drew noted the hands of the two observers who would like to ask questions. He said the issue of speaking rights for observers was discussed at the ACC meeting in the morning because there were concerns around what happened at the previous meeting when community issues were raised and some of the speakers were quite emotional. He said the EMC was not the right forum to respond to such issues and there are other channels like the PLCs that are being established in each area that can be used to raise community concerns. He said a decision was taken in line with the Terms of Reference for the EMC that observers should state in advance if there are issues they want to raise, preferably in writing when asking for permission to attend, or before the meeting starts if this was not possible, and if the issues fall within the scope of the EMC then they should be allowed to speak. He</p>	

<p>9.15</p>	<p>said, however, that as today's observers were not aware of this they should be allowed to speak.</p> <p>Mr Goss (Wild Coast Citizen) apologised but said the issues he wants to raise have arisen through the discussions during the meeting. He said he would like to start by commending SANRAL, the contractor, the consultants and the EMC for the controls on the project. He had just returned from Bhutan and the devastation being caused by the construction of the new 400 km transect across the foothills of the Himalayas had to be seen to be believed. He said the controls on this project are by an order of magnitude better than those in place in Asia.</p> <p>He said that he is concerned that the outside service provider for the implementation of the BOA will only be appointed by 30 August when the funds for the project were made available in May. He requested that at the next EMC meeting a clearer idea of the programme be provided. He said 2 years of stakeholder engagement is probably going to be necessary and the project is already 2 years behind. He said there needs to be a progress update every quarter with a detailed presentation, similar to what SANRAL provides, to demonstrate what has been done.</p> <p>Dr Songelwa thanked Mr Goss for the enthusiasm he consistently displays for the BOA. She said that any government appointment takes at least 3 months but within 2 weeks of the money becoming available ECPTA had appointed the manager to lead the BOA. She said the project will not be implemented after the stakeholder engagement but concurrently to it and ECPTA is in the process of appointing its stakeholder engagement team. She said the service provider for the implementation will be appointed by the end of the month. There will be quarterly PSC meetings where stakeholders will be kept up-to-date with progress on the implementation as well as the reports at the EMC meetings. She said the service provider may present on progress to the EMC but the face of the BOA will remain the permanent staff of ECPTA to ensure continuity once the service provider has finished its work.</p>	
<p>9.16</p>	<p>Ms Pretorius requested SANRAL to stop saying that her organisation is creating controversy as the project has always been controversial. She said society needs groups of people and organisations like hers, which are not paid by government, to act as watchdogs and raise the concerns of real people who are affected by the project and are trying to protect their way of life and livelihoods. It is not helpful to say that SWC is creating controversy around the project.</p> <p>She also requested the Relocation Action Plan (RAP) for the rest of the households that will be relocated as part of the project.</p> <p>Mr McLachlan said there is no RAP. He said the road has been divided into different packages which are handled separately by a service provider, MANCO Aurecon JV, appointed to carry out the relocation process. The process is led by the Department of Rural Development and Land Reform (DRDLR) in terms of the Interim Protection of Informal Land Rights Act (IPILRA) and agreements are drawn up in consultation with the communities and traditional authorities as well as agreements with the individual households concerned. Once the agreements for a particular section are all in place, a tender is issued to appoint a contractor to carry out the relocation. This contractor in turn will appoint sub-contractors to construct the houses, undertakers to do the grave relocations, etc. The first relocations were done under the haul road contracts and it was seen through the delays on these contracts that it is better to get this work done well before construction is due to commence. The contracts for the packages will be rolled out periodically over the next 18 months.</p> <p>Ms Makoa said the RoD required the land acquisition process to be finalised before construction commences and in terms of this the general methodology was submitted to DEA. The detail is then worked out for each section under the auspices of DRDLR in consultation with the communities and households concerned.</p>	
<p>10.</p>	<p><u>WAY FORWARD AND CLOSURE</u></p>	
<p>10.1</p>	<p>Mr Drew apologised for the meeting over-running and said that he will have to discuss shortening the presentations and sending information out to attendees beforehand in order to try and shorten the meetings. He said the next EMC meeting will be on 14 November 2018 and a decision on whether there will be a site visit will be taken nearer the time.</p>	<p>NMA</p>

NMA EFFECTIVE SOCIAL STRATEGISTS (PTY) LTD				ATTENDANCE REGISTER			
Project	N2 WILD COAST TOLL HIGHWAY			Meeting	ENVIRONMENTAL MONITORING COMMITTEE		
Date	Wednesday 15 August 2018	Time	10h30	No.	8	Venue	Mtamvuna Room, Wild Coast Sun
Organisation		Name		Contact Numbers		Signature	
1	SANRAL		M PATI	MAKOA		Tel : 012 844 8000	
	Position / Designation		E-mail:			Fax:	
	ENV. MANAGER		makoa.m@nra.co.za			Cell: 083 387 6420	
2	SANRAL		MOGOLE MPHAHLELE			Tel : 012 844 8000	
	Position / Designation		E-mail:			Fax:	
	ENV. MANAGER		mphahlele@mra.co.za			Cell: 083 474 1041	
3	SANRAL		NEWELAZI SONGXABA			Tel : 041 398 3200	
	Position / Designation		E-mail:			Fax:	
	ENVIRO. CO-ORDINATOR		songxabene@nra.co.za			Cell: 083 988 5156	
4	EIMS (pty) Ltd		Andisive Gummer			Tel : 043 722 7572	
	Position / Designation		E-mail:			Fax:	
			andisive@eims.co.za			Cell: 081 4102569	

NMA EFFECTIVE SOCIAL STRATEGISTS (PTY) LTD				ATTENDANCE REGISTER			
Project		N2 WILD COAST TOLL HIGHWAY		Meeting		ENVIRONMENTAL MONITORING COMMITTEE	
Date	Wednesday 15 August 2018	Time	10h30	No.	8	Venue	Mtamvuna Room, Wild Coast Sun
Organisation		Name		Contact Numbers		Signature	
5	ALFRES NZO DM		ZOLA MBUTHANA		Tel : 039 254 5073		
	Position / Designation		E-mail:		Fax :		
	ENVIRO OFFICER		MbuthanaZ@andm.gov.za		Cell: 066 4760 812		
	Organisation		Name		Contact Numbers		Signature
6	DEDIBA		Div de Ullior		Tel :		
	Position / Designation		E-mail:		Fax :		
	Director		div.devlivers@dediba.gov.za		Cell: 082 617 0158		
	Organisation		Name		Contact Numbers		Signature
7	DAFF		Izak van der Merwe		Tel : 012-309 5771		
	Position / Designation		E-mail:		Fax :		
					Cell: 086 912 604		
	Organisation		Name		Contact Numbers		Signature
8	DAFF		WISMAN YAKO		Tel : 043 604 5433		
	Position / Designation		E-mail:		Fax : -		
	Deputy Director		Yakow@daff.gov.za		Cell: 082 805 4182		
	Organisation		Name		Contact Numbers		Signature

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9		Organisation	Name	Contact Numbers		Signature	
	DAFF		Joyi Nuyisa	Tel: 039-72761745			
	Position / Designation	E-mail:		Fax: 039-7273239			
	FOREST STATE MANAGER		Nuyisa@daff.gov.za	Cell: 0828096448			
10		Organisation	Name	Contact Numbers		Signature	
	DAFF		Mikabise DANOKA	Tel: 043604 5308			
	Position / Designation	E-mail:		Fax:			
	Forestry Scientist		Mikabise@daff.gov.za	Cell: 071892 8574			
11		Organisation	Name	Contact Numbers		Signature	
	SLR		FURAD	Tel: 021 461 1118			
	Position / Designation	E-mail:		Fax:			
	PEM		ffrederi@slrconsulting.com	Cell: 083 412 9340			
12		Organisation	Name	Contact Numbers		Signature	
	SLR		ELOISE COSTANOVUS	Tel: 021 461 1118			
	Position / Designation	E-mail:		Fax:			
	PEM		ecostanovus@slrconsulting.com	Cell: 082 612 1939			

NMA EFFECTIVE SOCIAL STRATEGISTS (PTY) LTD				ATTENDANCE REGISTER			
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13	DEDEBEAT - ALFRED N2 REGION	THEMBARU TSHUFI	Tel : 039 256837	Contact Numbers Tel : 040-609575- Fax : Cell: 011 876529			
	REGIONAL DIRECTOR	E-mail:	thembaru.tshufu@dedebeat.co.za				
	Organisation	Name	Contact Numbers				
14	Cooper	WILSON ntombela@p.southafrica.gov.za	Tel : 040-609575- Fax : Cell: 0827999499	Contact Numbers Tel : 040-609575- Fax : Cell: 0827999499			
	Position / Designation	E-mail:	peacosta.gov.za				
	Organisation	Name	Contact Numbers				
15	NMA	Julian Drew	Tel : 082 654 4365 Fax : Cell:	Contact Numbers Tel : 082 654 4365 Fax : Cell:			
	Position / Designation	E-mail:	julian@nma.org.za				
	Organisation	Name	Contact Numbers				
16	NMA	Nomi Muthialu	Tel : 082 652 6285 Fax : Cell:	Contact Numbers Tel : 082 652 6285 Fax : Cell:			
	Position / Designation	E-mail:	nomi@nma.org.za				
	Organisation	Name	Contact Numbers				

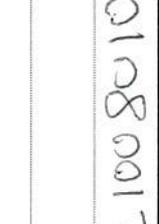
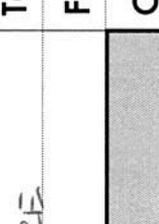
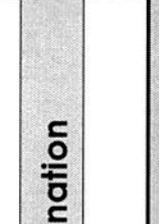
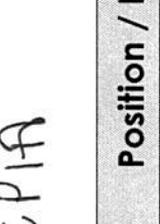
NMA EFFECTIVE SOCIAL STRATEGISTS (PTY) LTD				ATTENDANCE REGISTER			
Project	N2 WILD COAST TOLL HIGHWAY			ENVIRONMENTAL MONITORING COMMITTEE			
Date	Wednesday 15 August 2018	Time 10h30	Meeting No.	8		Venue	Mfamvuna Room, Wild Coast Sun
Organisation		Name		Contact Numbers		Signature	
17	DEA	Stanley TshFusamulomni		Tel : 012 349 9587			
	Position / Designation	E-mail:		Fax :			
	Acting Director: Biodiversity conservation	StanleyT@environment.gov.za		Cell:			
18	DEA	Anwala Keshaw		Tel : 012 379 - 9585			
	Position / Designation	E-mail:		Fax :			
	Deputy Director: Biodiversity	akeshaw@environment.gov.za		Cell:			
19	DEA	Bamey Kgope		Tel : 012 394 - 9168			
	Position / Designation	E-mail:		Fax :			
		Bkgope@environment.gov.za		Cell:			
20	Actsolo Consultants	Mosib Mose		Tel :			
	Position / Designation	E-mail:		Fax :			
	Auditor			Cell:			

NMA EFFECTIVE SOCIAL STRATEGISTS (PTY) LTD				ATTENDANCE REGISTER			
Project	N2 WILD COAST TOLL HIGHWAY			Meeting	ENVIRONMENTAL MONITORING COMMITTEE		
Date	Wednesday 15 August 2018	Time	10h30	No.	8	Venue	Mtshvuna Room, Wild Coast Sun
Organisation		Name		Contact Numbers		Signature	
21	ECOSOLVE		TSEPO USPOND				
	Position / Designation	E-mail:					
	ECO-MIBUTU						
	Organisation	Name		Contact Numbers		Signature	
22	DWS - E. London		NOEL MLONDOLAZI MBIKWANA			Tel : 0437010366 Fax : Cell: 0829405474	
	Position / Designation	E-mail:					
	Organisation	Name		Contact Numbers		Signature	
23	DEDEAF		DEWA RICKENS			Tel : Fax : Cell: 0605524302	
	Position / Designation	E-mail:	dean.rickens@cleantech.org.za				
	AD. BCZM						
	Organisation	Name		Contact Numbers		Signature	
24						Tel : Fax : Cell:	
	Position / Designation	E-mail:					

NMA EFFECTIVE SOCIAL STRATEGISTS (PTY) LTD				ATTENDANCE REGISTER			
Project	N2 WILD COAST TOLL HIGHWAY			ENVIRONMENTAL MONITORING COMMITTEE			
Date	Wednesday 15 August 2018	Time	10h30	Meeting No.	8	Venue	Mfamvuna Room, Wild Coast Sun
Organisation		Name	Contact Numbers		Signature		
33	Costs	N.N. SOMFENGO	Tel :	040. 6895735			
	Position / Designation	E-mail:	Cell:	082799429			
	SM	wombekwa.somfeng@ecosta.gov.za	Fax :				
	Organisation	Name	Contact Numbers		Signature		
34	DEA	Phuks Dlamini	Tel :	012 399 9237			
	Position / Designation	E-mail:	Fax :	076 598 6676			
	EMI	pdlamini@environment.gov.za	Cell:				
	Organisation	Name	Contact Numbers		Signature		
35	DEA	Nkakanipho HONGWANE	Tel :	012 3999444			
	Position / Designation	E-mail:	Fax :				
	EMI	nhlangwe@environment.gov.za	Cell:	0727200200			
	Organisation	Name	Contact Numbers		Signature		
36	SANRAL	Coza Mlachlan	Tel :				
	Position / Designation	E-mail:	Fax :				
	Project Manager	wlachlan@sa.co.za	Cell:	0825762035			

NMA EFFECTIVE SOCIAL STRATEGISTS (PTY) LTD				ATTENDANCE REGISTER			
Project	N2 WILD COAST TOLL HIGHWAY			Meeting	ENVIRONMENTAL MONITORING COMMITTEE		
Date	Wednesday 15 August 2018	Time 10h30	No.	8	Venue	Mtamvuna Room, Wild Coast Sun	
Organisation		Name	Contact Numbers		Signature		
37	SANRAL	JIM GIBBERD	Tel :				
	Position / Designation	E-mail:	Fax :				
	P. MANAGER	gibberd.j@nra.co.za	Cell:	0836273778			
38	Dedebe	Sithemiso Ndlovu	Tel :	047-5311191			
	Position / Designation	E-mail:	Fax :				
	Assistant Manager	Sithemiso.Ndlovu@dceda.gov.za	Cell:	0634029061			
39	ECP JA	VISANI MAPIYA	Tel :	047 495 0282			
	Position / Designation	E-mail:	Fax :	086 546 2765			
	REG. MGR - MARINE & COASTAL	visani.mapiya@ecpta.co.za	Cell:	079 496 7821			
40			Tel :				
	Position / Designation	E-mail:	Fax :				
			Cell:				

NMA EFFECTIVE SOCIAL STRATEGISTS (PTY) LTD				ATTENDANCE REGISTER			
Project	N2 WILD COAST TOLL HIGHWAY			Meeting	ENVIRONMENTAL MONITORING COMMITTEE		
Date	Wednesday 15 August 2018	Time	10h30	No.	8	Venue	Mtamvuna Room, Wild Coast Sun
Organisation		Name		Contact Numbers		Signature	
41	SMEC		Cas Kempff	Tel :			
	Position / Designation		casper.kempff@smec.com	Fax :			
	RE- Contractual		E-mail:	Cell: 0827827459			
42	DEDEAT		Ntshila	Tel : 0392563200			
	Position / Designation		Mfingwana	Fax :			
	Assistant Director		E-mail:	Cell: 083 9684634			
43	SMEC		John McCall	Tel :			
	Position / Designation		CHIEF RESIDUAL ENGINEER	Fax :			
	Organisation		john.mccall@smec.com	Cell: 082 4584366			
44	ASJV		Serf	Tel :			
	Position / Designation		Serfontein	Fax :			
	SECO		E-mail:	Cell: 082 800 2948			
		serf.serfontein@avenggroup.com					

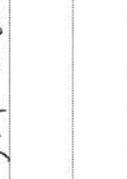
NMA EFFECTIVE SOCIAL STRATEGISTS (PTY) LTD				ATTENDANCE REGISTER			
Project	N2 WILD COAST TOLL HIGHWAY			Meeting	ENVIRONMENTAL MONITORING COMMITTEE		
Date	Wednesday 15 August 2018	Time	10h30	No.	8	Venue	Mfamvuna Room, Wild Coast Sun
	Organisation	Name	Contact Numbers	Signature			
45	ASJV	Mark Muir	Tel : Fax : Cell: 072 100 8010				
	Position / Designation	E-mail:					
	Environmental Manager	mark.muir@ginginkel-hta.co.za					
	Organisation	Name	Contact Numbers	Signature			
46	ASJV	JUAN PASSMORE	Tel : Fax : Cell: 082 416 0203				
	Position / Designation	E-mail:					
	CONTRACTOR'S REPRESENTATIVE	juan.passmore@ginvaker-hta.co.za					
	Organisation	Name	Contact Numbers	Signature			
47	DEDEAT	Nosineshi Ntola	Tel : 047 531191 Fax : 047 5326736 Cell: 078 206 7502				
	Position / Designation	E-mail:					
		nosineshi.ntola@cedea.gov.za					
	Organisation	Name	Contact Numbers	Signature			
48	ECPTA	Sakhiwo Nombembe	Tel : 043 492 078 Fax : Cell: 072 111 5534				
	Position / Designation	E-mail:					
	SM: SE	Sakhiwo.Nombembe@ecpta.co.za					

NMA EFFECTIVE SOCIAL STRATEGISTS (PTY) LTD				ATTENDANCE REGISTER			
Project	N2 WILD COAST TOLL HIGHWAY			Meeting	EMC / ACC Site Visit		
Date	Tuesday 14 August 2018	Time	11h30	No.	8	Venue	Mtentu North bridge site
Organisation		Name		Contact Numbers		Signature	
1	SANRAL	MPATI	MAKOA	Tel :	012 844 8000	Signature	
	Position / Designation	E-mail:		Fax :		Signature	
				Cell:	083 387 6620	Signature	
2	ECOSOLVE	BSPO	LEPONO	Tel :	011 000 1364	Signature	
	Position / Designation	E-mail:		Fax :		Signature	
				Cell:	083 339 9103	Signature	
						Signature	
3	SMEC	CAS	KEMPF	Tel :		Signature	
	Position / Designation	E-mail:		Fax :		Signature	
				Cell:	082 782 7459	Signature	
						Signature	
						Signature	
4	SMEC	JOHN	MCCAW	Tel :		Signature	
	Position / Designation	E-mail:		Fax :		Signature	
				Cell:	082 458 9368	Signature	
						Signature	
						Signature	

NMA EFFECTIVE SOCIAL STRATEGISTS (PTY) LTD				ATTENDANCE REGISTER			
Project	N2 WILD COAST TOLL HIGHWAY			Meeting	EMC / ACC Site Visit		
Date	Tuesday 14 August 2018	Time	11h30	No.	8	Venue	Mtentu North bridge site
Organisation		Name		Contact Numbers		Signature	
5	DEPT	DEAN RICKERS	Tel :				
	Position / Designation	E-mail:	Fax :			Cell: 0605324300	
	AD.	dean.rickers@doe.gov.za					
6	DEA	Barney Kgope	Tel :	0123449165			
	Position / Designation	E-mail:	Fax :			Cell: 0722338506	
	Acting Chief Director	BKgope@environment.gov.za					
7	DAFF	Izakod. Mene	Tel :				
	Position / Designation	E-mail:	Fax :			Cell: 0849102602	
8			Tel :				
	Organisation	Name	Contact Numbers		Signature		
	Position / Designation	E-mail:	Tel :				

NMA EFFECTIVE SOCIAL STRATEGISTS (PTY) LTD			ATTENDANCE REGISTER		
Project	N2 WILD COAST TOLL HIGHWAY		Meeting	EMC / ACC Site Visit	
Date	Tuesday 14 August 2018	Time	11h30	No.	8
	Organisation		Name	Contact Numbers	Signature
9	NMA		J. Drew	Tel : 082 654 4365	
	Position / Designation		E-mail: jward@nma.org.za	Fax :	
				Cell:	
10	Organisation		Name	Contact Numbers	Signature
			Tel :		
			Fax :		
	Position / Designation		E-mail:		
11	Organisation		Name	Contact Numbers	Signature
			Tel :		
			Fax :		
	Position / Designation		E-mail:		
12	Organisation		Name	Contact Numbers	Signature
			Tel :		
			Fax :		
	Position / Designation		E-mail:		

NMA EFFECTIVE SOCIAL STRATEGISTS (PTY) LTD				ATTENDANCE REGISTER			
Project	N2 WILD COAST TOLL HIGHWAY			Meeting	EMC / ACC Site Visit		
Date	Tuesday 14 August 2018	Time	11h30	No.	8	Venue	Mfentu North bridge site
	Organisation	Name	Contact Numbers	Signature			
13	SANRAL	Mogale Mphahlele	Tel: 012 844 8000				
	Position / Designation	E-mail: mphahlelem@nra.co.za	Fax:				
	Env. Specialist		Cell: 0834741041				
14	DEA	Stanley Tshitwamutema	Tel: 012 399 9587				
	Position / Designation	E-mail: StanleyT@environment.gov.ze	Fax:				
	Acting Director		Cell: 082 643 0623				
15	SANRAL	JOHN GIBBERD	Tel:				
	Position / Designation	E-mail: john.gibberd@nra.co.za	Fax:				
	P. MANAGEER		Cell: 0836273778				
16	SANRAL	Nenekaji Songxaba	Tel:				
	Position / Designation	E-mail: songxaba@nra.co.za	Fax:				
	Env. Co-ordinator		Cell: 083 988 5156				

NMA EFFECTIVE SOCIAL STRATEGISTS (PTY) LTD				ATTENDANCE REGISTER			
Project	N2 WILD COAST TOLL HIGHWAY			Meeting	EMC / ACC Site Visit		
Date	Tuesday 14 August 2018	Time	11h30	No.	8	Venue	Mtentu North bridge site
17	Organisation	Lekolo Consultancy		Name	Messie		
	Position / Designation			E-mail:			
	Organisation			Name			
18	Position / Designation			E-mail:			
	Organisation			Name			
	Position / Designation			E-mail:			
19	Organisation			Name			
	Position / Designation			E-mail:			
	Organisation			Name			
20	Position / Designation			E-mail:			
	Organisation			Name			
	Position / Designation			E-mail:			
				Contact Numbers	Tel : 079 5179275		
				Contact Numbers	Fax :		
				Contact Numbers	Cell:		
				Contact Numbers	Signature		
				Contact Numbers			

NMA EFFECTIVE SOCIAL STRATEGISTS (PTY) LTD				ATTENDANCE REGISTER			
Project	N2 WILD COAST TOLL HIGHWAY			Meeting	EMC / ACC Site Visit		
Date	Tuesday 14 August 2018	Time	11h30	No.	8	Venue	Mtentu North bridge site
	Organisation	Name	Contact Numbers	Signature			
21	Dedeab	Sibemico Ndlovu	Tel : 047-0311191				
	Position / Designation	E-mail:	Fax :				
	Assistant Manager	Sibemico.Ndlovu@dedeab.gov.za	Cell: 0634029061				
22	Organisation	Name	Contact Numbers	Signature			
	Position / Designation	E-mail:	Tel :				
			Fax :				
			Cell:				
23	Organisation	Name	Contact Numbers	Signature			
	Position / Designation	E-mail:	Tel :				
			Fax :				
			Cell:				
24	Organisation	Name	Contact Numbers	Signature			
	Position / Designation	E-mail:	Tel :				
			Fax :				
			Cell:				

NMA EFFECTIVE SOCIAL STRATEGISTS (PTY) LTD				ATTENDANCE REGISTER			
Project	N2 WILD COAST TOLL HIGHWAY			Meeting	EMC / ACC Site Visit		
Date	Tuesday 14 August 2018	Time	11h30	No.	8	Venue	Mtentu North bridge site
	Organisation	Name	Contact Numbers	Signature			
25	DAFF	WISGITHU YAKO	Tel : 043 604 5433 Fax : 043 604 Cell: 082 8054182				
	Position / Designation	E-mail:					
26	ECP TA	VUYANI MAFISA	Tel : 0474950282 Fax : 0865462765 Cell: 079 496 7821				
	Position / Designation	E-mail:					
	Reg. March - M & C	Vuyani Mafisa @ ecpta.co.za					
27	SINRAU	Gröid Mlachen	Tel : Fax : Cell: 082 574 2065				
	Position / Designation	E-mail:					
	Project Manager	mlachen@wma.co.za					
28	DBA	Pamela Cosshew	Tel : 012 379 9585 Fax : Cell:				
	Position / Designation	E-mail:					
	Deputy Director:	pcosshew@environment.gov.za					

NMA EFFECTIVE SOCIAL STRATEGISTS (PTY) LTD				ATTENDANCE REGISTER			
Project	N2 WILD COAST TOLL HIGHWAY			Meeting	EMC / ACC Site Visit		
Date	Tuesday 14 August 2018	Time	11h30	No.	8	Venue	Mtentu North bridge site
	Organisation	Name	Contact Numbers	Signature			
29	SLR	Fuad	Tel : 021 461 1118				
	Position / Designation	FREDERICKS	Fax :				
	PEM	E-mail:	Cell: 083 412 9340				
	Organisation	ffredricks@slrconsulting.com					
30	SLR	ELOISE	Tel : 021 461 1118				
	Position / Designation	COSTANDIUS	Fax :				
	PEM	E-mail:	Cell: 082 612 1939				
	Organisation	ecostandius@slrconsulting.com					
31	ASTU	Mark Muir	Tel :				
	Position / Designation		Fax :				
	Enrico Manager	E-mail:	Cell: 0721008200				
	Organisation	mark.muir@genetel-uk.co.uk					
32	DWS - E. LOMPON	NOEL MLOMPOLOZA	Tel : 0437010366				
	Position / Designation	MBSIKWANA	Fax :				
	SCIENTIST - GRAD EB	E-mail:	Cell: 082 940 5474				
	Organisation	mbikwanam@dws.gov.za					

NMA EFFECTIVE SOCIAL STRATEGISTS (PTY) LTD				ATTENDANCE REGISTER			
Project	N2 WILD COAST TOLL HIGHWAY			Meeting	EMC / ACC Site Visit		
Date	Tuesday 14 August 2018	Time	11h30	No.	8	Venue	Mtentu North bridge site
	Organisation	Name	Contact Numbers	Signature			
37	DEDEAT	TREMBALAZI ISHETHU	Tel : 089 256 2251 Fax : 086 519 7748 Cell: 071 876 5250				
	Position / Designation	E-mail:	trembalazi.ishethu@dedeat.gov.za				
	REGIONAL DIRECTOR						
38	COGTA	N.N SOMFONDO	Tel : 082799409 Fax : Cell: 040-6095735- ntombekaya.somfondo@cosg.gov.za				
	Position / Designation	E-mail:	ntombekaya.somfondo@cosg.gov.za				
	ORGANISATION	Name	Contact Numbers				
39	DEDEAT	NOSISA NADABA	Tel : 039 256 0229 Fax : 039 256 0665 Cell: 073 164 5155				
	Position / Designation	E-mail:	nosisa.nadaba@dedeat.gov.za				
	CONTROL ENVOI OFFICER						
40	DEDEAT	NOSINODI NTOLA	Tel : 047 531191 Fax : 047 5326736 Cell: 078206 7502				
	Position / Designation	E-mail:	nosinodi.ntola@dedeat.gov.za				
	ASSISTANT MANAGER						

NMA EFFECTIVE SOCIAL STRATEGISTS (PTY) LTD				ATTENDANCE REGISTER			
Project	N2 WILD COAST TOLL HIGHWAY			Meeting	EMC / ACC Site Visit		
Date	Tuesday 14 August 2018	Time	11h30	No.	8	Venue	Mtentu North bridge site
41	DAFF	Organisation	Name	Contact Numbers		Signature	
	Mikayise DANONGA		Mikayise DANONGA	Tel : 043 684 5400		[Signature]	
	Position / Designation	E-mail:		Fax :			
Forsby Swertiso	Organisation	Name	Contact Numbers		Signature		
			Mikayise DANONGA	Tel : 043 684 5400			
				Fax :			
				Cell: 074 812 8574			
42		Position / Designation	E-mail:	Contact Numbers		Signature	
				Tel :			
				Fax :			
				Cell:			
43		Position / Designation	E-mail:	Contact Numbers		Signature	
				Tel :			
				Fax :			
				Cell:			
44		Position / Designation	E-mail:	Contact Numbers		Signature	
				Tel :			
				Fax :			
				Cell:			