

Table 1: Written IAP comments received prior to the release of the Scoping Report

#	Stakeholder	Affiliation	Comment received
1.	Colette Scheemeyer	SAHRA Head Archaeologist, South African Heritage Resources Agency (SAHRA)	2 May 2013
2.	Property Owner (anonymous)	Owner of an affected property	22 July & 13 Augustus 2013

Table 2: Stakeholder meetings held during the EIA process

#	Stakeholders	Purpose of Meeting	Meeting date	Meeting venue
Meetings held during Scoping Phase				
1.	Representatives from DEA: O&C	Meeting with Authority	7 March 2013	Offices of DEA: Oceans and Coasts, 2 East Pier Rd, V& A Waterfront

Table 3: Comments made by stakeholders on the proposed Volwaterbaai Desalination Plant and Associated Infrastructure

#	Issues / Comments	Date	Stakeholder	Response
General				
1.	<p>Die hele padkwessie sal in meer besonderhede bespreek moet word aangesien dit volgens die pad-ingenieur van hierdie gebied van die Noord-Kaap nie 'n publieke pad is nie.</p> <p><i>The road issue will need to be discussed in more detail, seeing that according to the road engineer of this region of the Northern Cape, it is not a public road.</i></p>	22 July 2013	Property Owner	<p>Formele navrae is gerig aan die Noord-Kaapse Provinsiale Departement van Paaie in Kimberley en 'n formele antwoord word verwag.</p> <p><i>A formal enquiry has been made to the Northern Cape Provincial Roads department in Kimberley from whom a formal response is awaited.</i></p>
Stakeholder Engagement				
2.	<p>Die afgelope paar maande het ek die voorreg gehad om meer te wete te kom betreffende genoemde projek en ek bedank alle amptenare van Frontier wat die moeite gedoen het om by my aan te doen om ons op hoogte te hou van verwikkeling betreffende die infrastruktuur van genoemde (Zandkopsdrift) projek wat moontlik ons plasseiendom gaan deurkruis.</p> <p><i>Over the past few months, I have had the privilege to learn more about the project and I thank all the officials from Frontier that made the effort to keep us informed about progress regarding the proposed (Zandkopsdrift) project and associated infrastructure that may potentially cross our property.</i></p>	22 July 2013	Property Owner	<p>Aangeteken.</p> <p><i>Noted.</i></p>
3.	<p>Tot op hede is dit ons ondervinding dat elke aspek van alle beplanning en werksaamhede van Frontier in en deur ons grond, net op Frontier se bereiking van hulle doelwitte gefokus is. Dit is verder ook ons ondervinding dat ons maar ons lewe en besigheid by Frontier se beplanning en die van hul konsultante moet inpas. Alhoewel dit tot datum nie altyd maklik was nie, het ons probeer om ontvanklik en tegemoetkomend te wees. Dit sal egter nie deurgaans moontlik wees nie.</p> <p><i>To date, our experience has been that every aspect of the planning and operations of Frontier on and through our property has been focussed on Frontier achieving their goals. It has also been our experience that we should adapt our life and business to Frontier and their consultants' planning. Although it hasn't always been easy, we have tried to be receptive and helpful. However, this will not be possible throughout.</i></p>	22 July 2013	Property Owner	<p>Frontier het verneem dat die bestaande paaie / spore gebruik moet word waar moontlik en opsies word daardeur beperk. Frontier is egter toegewy daaraan om saam met grondeienaars te werk om impakte op hul en hul lewensbestaan te verminder. Frontier het in die verlede en sal in die toekoms voortgaan om vooraf toestemming te versoek vanaf alle grondeienaars om te verseker dat toegang tot hul grond toelaatbaar is en sal voortgaan om die vereistes van grondeienaars te akkommodeer.</p> <p><i>Frontier has been advised that existing roads / tracks should be used wherever possible which limits options. However, Frontier is committed to working with landowners to minimise impacts to them and their livelihoods. Frontier has in the past and will continue to seek prior permission in future from all land owners before accessing their land and</i></p>

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				<i>will continue to accommodate the requirements of landowners.</i>
4.	<p>Alhoewel ons nog nie in totaliteit op hoogte is van die finale besluit en beplanning van Frontier nie, het ons 'n goeie begrip van die omvang van die projek. Dit is ook vir ons duidelik dat die hele projek vir ons geen voordeel inhou nie maar slegs 'n geweldige permanente inbreuk op ons privaatheid, die omgewing en ons besigheid sal hê.</p> <p>Dit bly egter ons voorneme om sover moontlik ons volle samewerking en ondersteuning te gee.</p> <p><i>Although we are not yet totally informed of Frontier's final decision and planning, we have a good understanding of the scope of the project. It is also clear to us that the project holds no benefit for us, but only a huge permanent violation of our privacy, the environment and our business.</i></p> <p><i>However, it remains our intention to give our full cooperation and support as far as possible.</i></p>	22 July 2013	Property Owner	<p>Aangeteken. In parallel met die Omgewingsimpakevaluering (OIE) proses wat deur SRK bestuur word, is Frontier steeds besig met die voltooiing van haalbaarheid-studies om die lewensvatbaarheid van die projek te bepaal. Die OIE-proses sal alle moontlike voordele en impakte van die projek beide op die biofisiese en sosio-ekonomiese omgewing identifiseer en evalueer.</p> <p>Frontier se finale besluit oor die projek sal gebaseer word op die uitkoms van die OIE-proses en die haalbaarheid-studies. Alle belanghebbendes sal op hoogte gehou word van vordering in hierdie verband deur middel van die OIE-proses.</p> <p><i>Noted. Frontier is still completing feasibility studies on the project to determine project viability, in parallel with the Environmental Impact Assessment (EIA) process which SRK is managing. The EIA process will identify and assess all potential benefits and impacts of the project both on the biophysical and socio-economic environments.</i></p> <p><i>Frontier's final decision on the project will be based on the outcome of the EIA process and feasibility studies. All stakeholders will be kept informed of progress in this regard through the EIA process.</i></p>
5.	<p>Waar ek intussen moet voortgaan met my besigheid en my lewe, doen ek 'n beroep op Frontier om hierdie skrywe in sy totaliteit in 'n ernstige lig te sien. Ek en my gade bevestig andermaal dat ons nie in die pad van vooruitgang of die bereiking van Frontier se doelwitte wil staan nie, maar dat ons nie bereid is om dit ten koste van onself te doen nie en teken hiermee aan dat hierdie skrywe nie ons regte in enige opsigte sal beïnvloed en of benadeel nie.</p> <p><i>While I need to continue with my business and my life, I urge Frontier to take this letter in its entirety seriously. My spouse and I confirm once again that we do not wish to stand in the way of progress or Frontier's achievement of their goals, but we are not prepared to do it at the expense of ourselves and we hereby record that this letter will not influence or hinder our rights in any way.</i></p>	22 July 2013	Property Owner	<p>U kommentaar is in ag geneem en sal aangespreek word deur middel van die OIE-proses en/of deur direkte onderhandelinge met Frontier. Die belanghebbende betrokkenheidsproses, insluitend die indiening van kommentaar vanaf belanghebbendes is wetgewing in terme van die OIE-regulasies, 2010 en daar sal nie teen u gediskrimineer word as gevolg van enige kommentaar wat tydens die OIE-proses voorgelê word nie.</p> <p><i>Your comments are acknowledged and will be addressed through the EIA process and/or in direct discussion with Frontier. The stakeholder engagement process, including the submission of comment from stakeholders is legislated in terms of the EIA Regulations, 2010 and you will not be discriminated against as a result of any comment that is</i></p>

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				submitted during the EIA process.
Potential Impacts				
6.	<p>Soos die geval is met bykans alle boere, is ek ook maar gesteld tot watter mate ons persoonlike lewe, die omgewing en ons boerdery op die kort en langtermyn geskaad gaan word deur die verskillende fases van die skepping en inbedryfstelling van die infrastruktuur wat 'n absolute noodsaaklikeheid is vir die ekonomiese sukses van die Zandkopsdrift projek.</p> <p><i>As is the case with nearly all the farmers, I am concerned about the way in which our personal life, the environment and our farming will be affected by the different phases of the project (infrastructure) that is essential to the economic success of the Zandkopsdrift Mine.</i></p>	22 July 2013	Property Owner	<p>U bekommernisse is aangetken. Die potensiele omgewingsimpakte geassosieer met die projek (insluitend sosio-ekonomiese impakte) sal evalueer word as deel van die OIE en maatreëls sal geïdentifiseer word om enige moontlike impakte te vermy of te verminder. Waar moontlik sal bestaande roetes (deur eiendomme) benut word om sodoende impakte op boere te verminder. Frontier erken dat water 'n skaars hulpbron is, vandaar die besluit om 'n ontsoutingsaanleg te vestig.</p> <p><i>Your concerns are noted. The potential environmental impacts associated with the project (including socio-economic impacts) will be assessed as part of the EIA and measures will be identified to avoid or mitigate any potential impacts. Wherever possible existing routes (through properties) will be utilised so as to minimise impacts to farmers. Frontier recognises that water is a scarce resource, hence the decision to establish a desalination plant.</i></p>
7.	<p>Dit blyk onvermydelik te wees dat die bestaande ongerepte geheelbeeld van ons onmiddellike omgewing beslis drasties verander gaan word. Waar ek en my gade 'n klompie jare gelede besluit het om hier te kom aftree om naby the ongerepte natuur te wees en lewe, blyk dit dat ons droom nou vernietig gaan word. Dit is moeilik om nie tot 'n mate meer die negatiewe as die positiewe aspekte raak te sien nie want die realiteite kan nie wegredeneer word nie.</p> <p><i>It seems unavoidable that the existing unspoilt character of our immediate surroundings will be drastically altered. My spouse and I decided to retire here a number of years ago to be close to the unspoilt natural environment. It now seems inevitable that our dream will be destroyed. It is difficult to see the positive aspects because the realities of the negative aspects cannot simply be argued away.</i></p>	22 July 2013	Property Owner	<p>Soos hierbo aangedui, sal bestaande roetes so ver as moontlik gebruik word om hierdie impakte te verminder. Daar moet kennis geneem word dat sodra die infrastruktuur geïnstalleer is, daar baie min indringende aktiwiteite nodig sal wees om dit in bedryf te hou. Die potensiele impak van die projek op die visuele en estetiese kwaliteit van die omgewing, insluitend die pleksidentiteit, sal evalueer word tydens die OIE-fase. Frontier se finale besluit oor die projek sal gebaseer word op die uitkoms van die OIE-proses en die haalbaarheid-studies.</p> <p><i>As noted above, existing routes will be used as far as possible to minimise these impacts. It should be noted that once infrastructure has been installed, very little intrusive activity will be required to operate it. The potential impacts of the project on the visual and aesthetic quality of the environment, including sense of place, will be assessed in the EIA phase. Frontier's final decision on the project will be based on the</i></p>

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				<i>outcome of the EIA process and feasibility studies.</i>
8.	<p>Alhoewel ons nie in die pad van ontwikkeling wil staan nie, is dit tog moeilik om alles wat in die vooruitsig in en rondom ons eiendom gestel word, in 'n positiewe lig te sien. So is daar verskeie aangeleenthede wat ons ten opsigte van elke fase van die beplande werksaamhede in en rondom ons eiendom kwel, beide op die kort en langtermyn, naamlik:</p> <ul style="list-style-type: none"> • Die humanitêre impak; • Die omgewingsimpak; • Die impak op ons persoonlike sekuriteit sowel as ons boerdery; • Die impak op die opbrengs van ons belegging (die inkomste uit die boerdery is ons lewensaar); en • Die impak op die markwaarde van ons eiendom. <p>Genoemde kwellinge vorm in totaal 'n integrale deel van ons menswees en ons lewe hier.</p> <p><i>Although we don't want to stand in the way of development, it remains difficult to see everything that is envisaged within and around our property in a positive light. A number of aspects related to each phase of the proposed project in and around our property are of concern to us:</i></p> <ul style="list-style-type: none"> • <i>The humanitarian impact;</i> • <i>The environmental impact;</i> • <i>The impact on our personal security as well as our farming;</i> • <i>The impact on our investment (income from the farm is our lifeblood); and</i> • <i>The impact on the market value of our property.</i> <p><i>These concerns form an integral part of our humanity and our life here.</i></p>	22 July 2013	Property Owner	<p>Die projek kan negatiewe impakte hê en een doel van die OIE is om te bepaal of hierdie impakte ooreenstem met plaaslike beplanningsdokumente, toelaatbaar is, en om versagtende maatreëls aan te beveel. Spesialis studies sal gedoen word as deel van die OIE om potensiële impakte in verband met die projek te identifiseer. Voorgestelde spesialis studies (sien Afdeling 7.3 van die Omvangbepalingsverslag) sluit in:</p> <ul style="list-style-type: none"> • Terrestriële ekologie (insluitend botaniese- en fauna-ekologie); • Erfenis (insluitend argeologie en paleontologie); • Fisiese mariene omgewing, en • Mariene ekologie. <p>Ander impakte, insluitend sosio-ekonomiese impakte, visuele impakte en die impak op verkeer, lugkwaliteit en geraas sal ook beoordeel word as deel van die OIE, deur SRK.</p> <p><i>The project may have adverse impacts and one purpose of the EIA is to assess whether these are aligned with regional plans, are tolerable, and to recommend mitigation measures. Specialist studies will be conducted as part of the EIA in order to identify and assess potential impacts of the project. Proposed specialist studies (see Section 7.3 of the Scoping Report) include:</i></p> <ul style="list-style-type: none"> • <i>Terrestrial ecology (including botanical and faunal ecology);</i> • <i>Heritage (including archaeology and paleontology);</i> • <i>Physical marine environment; and</i> • <i>Marine ecology.</i> <p><i>Other impacts, including socio-economic impacts, visual impacts and impacts on traffic, air quality and noise will also be assessed as part of the EIA, by SRK.</i></p>
g.	Waar Frontier dit in die vooruitsig stel om die ondergeskikte pad wat ons	22 July	Property	U bekommernisse is aangeteken. Die potensiële impakte van die projek

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	<p>plaaseiendom deurkruis, op te gradeer ten einde alle konstruksie en ander voertuie vir die projek te akkommodeer, kan ek maar net met groot bekommernis aan die volgende dink:</p> <ul style="list-style-type: none"> • Die deurlopende steurnis vir ons en ons diere oor 'n relatiewe lang periode. • Die moontlike beskadiging van ons persoonlike eiendom waarvan sommige noodsaaklike infrastruktuur vir ons is. • Watter beskerming en gemoedsrus gaan Frontier in die vorm van versekering vir ons bied ten opsigte van die volgende. <ul style="list-style-type: none"> ○ Persoonlike ongevalle; ○ Strukture, voertuie, implemente en infrastruktuur; ○ Lewende hawe; en ○ Verlies aan inkomste. • Watter toename in verkeer gaan deur ons gronde ervaar word nadat die pad opgradeer en Frontier se projekte afgehandel is. • Wat gaan die effek op ons welstand wees. • Gaan Frontier bereid wees om saam te werk om beheer oor verkeersvloei uit te oefen. • Sal ons dalk moet verhuis. <p><i>Where Frontier proposes to upgrade the minor road that crosses our property in order to accommodate all construction and other vehicles associated with the project, I can only think of the following with great concern:</i></p> <ul style="list-style-type: none"> • <i>The ongoing nuisance to us and our animals over a relatively long period.</i> • <i>The possible damage to our personal property some of which is crucial infrastructure to us.</i> • <i>What protection and peace of mind will Frontier be able to offer us in respect of the following:</i> <ul style="list-style-type: none"> ○ <i>Personal accidents;</i> ○ <i>Structures, vehicles, implements and infrastructure;</i> ○ <i>Livestock; and</i> ○ <i>Loss of income.</i> • <i>What increase in traffic going through our property will we experience after the</i> 	2013	Owner	<p>op die geaffekteerde grondeienaars sal in detail beskryf en evalueer word tydens die OIE-fase van die projek, insluitend die identifikasie van maatreëls om impakte te voorkom en te verminder in verband met alle fases van die projek.</p> <p>Daarbenewens sal Frontier direk kontak maak met geaffekteerde grondeienaars om hulle ingelig te hou in verband met verwikkelinge en om maniere om ontwrigting te verminder te identifiseer.</p> <p><i>Your concerns are noted. The potential impacts of the project on affected property owners will be described and assessed in detail in the EIA phase of the project, which will include the identification of measures to avoid and minimise such impacts at all phases of the project.</i></p> <p><i>In addition, Frontier will engage directly with affect property owners to keep them informed of developments and identify ways of minimising disruptions.</i></p>

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	<p><i>road is upgraded and Frontier's projects have been completed.</i></p> <ul style="list-style-type: none"> • <i>What will the effect on our well-being be.</i> • <i>Will Frontier be prepared to help exercise control over traffic flow.</i> • <i>Will we perhaps need to relocate.</i> 			
10	<p>Dit is voor die handliggend dat die genoemde onderafdelings van die projek in verskillende fases en tye uitgevoer sal word en oor 'n relatiewe lang periode.</p> <p>Dit sal heel waarskynlik onvermydelik wees dat sommige werksaamhede gedurende tye in en rondom skrywer se gronde sal geskied wanneer skrywer tradisioneel sy gronde moet gebruik. Waar skrywer gedurende sodanige tye nie bereid sal wees om met sy veeboerdery in sulke omstandighede voort te gaan nie en alternatiewe reëlings sal moet tref, kan dit 'n redelike negatiewe impak om my belegging hê.</p> <p><i>It is obvious that various components of the project will be carried out in different phases and times and over a relatively long period.</i></p> <p><i>It will probably be unavoidable that some operations will take place in and around our property during times at which we would normally make use of our property. Where we would not be prepared to continue with livestock farming during these conditions and alternative arrangements need to be made, this may have a negative impact on my investment.</i></p>	22 July 2013	Property Owner	<p>Dit word voorgestel dat alle projek infrastruktuur opgerig sal word oor 'n tydperk van 30 maande, alhoewel toekomstige opgradering van sekere komponente later onderneem mag word, indien nodig. 'n Omgewingsbestuursplan (OBP) sal implimenteer word tydens konstruksie (en operasie) om te verseker dat konstruksie aktiwiteite beperk word tot 'n baie klein area en minimale impakte tot gevolg het.</p> <p>Die potensiële impakt van konstruksie (en operasie) aktiwiteite sal tydens die OIE evalueer word en die relevante versagende maatreëls sal identifiseer word om impakte te vermy of te verminder. As daar spesifieke omstandighede is wat boerderye negatief sal beïnvloed, moet dit so gou as moontlik genoem word om te verseker dat it in ag geneem word tydens die beplanning van die projek.</p> <p><i>It is proposed at all project infrastructure would be constructed over a period of 30 months, although subsequent upgrades of certain components may be undertaken later if required. An Environmental Management Programme (EMP) will guide construction (and operation) to ensure that construction activities are confined to a very small area and have minimal impacts.</i></p> <p><i>The potential impacts of construction activities as well as the operations of the project will be assessed in the EIA and relevant mitigation measures identified to avoid or reduce impacts. If there are specific conditions which would negatively affect farming activities, these should be raised as soon as possible to ensure they are taken into consideration during project planning.</i></p>

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Project Description				
11	<p>Die pyplyn en kraglyn:</p> <p>Skrywer begryp dat nog heelwat gedoen moet word voordat finaliteit oor hierdie aangeleenthede beskikbaar is, maar ag dit tog belangrik om nou reeds sy kwellinge onder u aandag te bring en sal we soos volg:</p> <ul style="list-style-type: none"> • Sal Frontier bereid wees om die finale spesifikasie en werkstekeninge aan skrywer te openbaar; • Gaan die finale beplanning wat ons grond raak met ons bespreek word en gaan skrywer die geleentheid kry om sy insette te lewer. <p><i>The pipeline and power line:</i></p> <p><i>We understand that a considerable amount still needs to be done before finality regarding these matters is achieved, but we consider it important to start to bring the following concerns to your attention:</i></p> <ul style="list-style-type: none"> • <i>Will Frontier be prepared to present the final specification and working drawings to us;</i> • <i>Will the final planning that concerns our property be discussed with us and will we be given an opportunity to provide input.</i> 	22 July 2013	Property Owner	<p>Die projek beskrywing, insluitende die verskillende alternatiewe wat steeds onder oorweging is en evalueer sal word tydens die OIE-proses is beskryf in Afdeling 3.6 van die Omvangbepalingsverslag. Dit is gebaseer op die inligting wat tans beskikbaar is en sal verfyn word soos die OIE-proses voortgaan. Die finale ontwerp van die projek sal dus potensieël omgewingsimpakte sowel as die bekommernisse van geaffekteerde grondeienaars en ander belanghebbendes in ag neem, met die doel om impakte te verminder.</p> <p>Waar infrastruktuur private eiendomme affekteer, sal Frontier en hul konsultante die belyning direk met die betrokke grondeienaars bespreek om te verseker dat 'n werkbare oplossing gevind kan word.</p> <p>Daar word beplan om alle ontwerpe vir die beplande Volwaterbaai ontsoutingsaanleg en verwante infrastruktuur voor te lê by die Openbare Ope Dag gedurende die OIE-fase (tans beplan vir die eerste helfte van 2014) siende dat die ontwerpe nog nie gefinaliseer is nie.</p> <p><i>The project description including various alternatives that are still under consideration and will be assessed in the EIA process is presented in Section 3.6 of the Scoping Report. This is based on the information currently available and will be refined as the EIA process proceeds. The final design of the project will thus take potential environmental impacts as well as concerns of affected property owners and other stakeholders into account, with the aim of minimising impacts.</i></p> <p><i>Where infrastructure affects private property, Frontier and their consultants will also discuss the alignment directly with property owners to ensure that a workable solution can be found.</i></p> <p><i>It is planned to present all designs relating to the planned Volwaterbaai Desalination plant and associated infrastructure during the EIA phase.</i></p>

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Alternatives				
12	<p>The selection and consideration of alternatives will need to be presented in the EIA and the sites that were identified and the decisions that were taken need to be documented.</p> <p>A clear motivation for the selection of the desalination plant site must be provided, along with an indication of alternatives considered. A clear motivation for disposal of brine must be provided, including the consideration of other alternatives.</p>	7 March 2013	Nitasha Baijnath-Pillay, DEA: O&C	The consideration of various alternatives is described in detail in Section 3.5 of the Scoping Report.
13	<p>Ons ag dit egter noodsaaklik om die volgende onder u aandag te bring en aan te teken ten opsigte van die volgende voorkeuroetes van Frontier soos wat dit identifiseer en aan die skrywer bekendgestel is:</p> <p>Geel Roete:</p> <p>Sou daar op hierdie as die finale hoofroete besluit word, sal daar noodwendig baie noue samewerking met skrywer moet wees betreffende die gedeelte van sy grondgebied wat geraak word.</p> <p>Ek neem aan dat u daarvan bewus is dat genoemde roete my plaaseiendom in twee verdeel en enige langtermyn werksaamhede op hierdie roete nie bevorderlik vir my persoonlike lewe en veral my boerdery sal wees nie.</p> <p>U is blykbaar ook daarvan bewus dat ek op eie koste en met goedkeuring van die plaaslike owerheid (afdeling paaie), noodsaaklike infrastruktuur vir die bedryf van my beisgheid langs genoemde roete gevestig het. Hierdie aangeleentheid glo ek sal deur Frontier in aanmerking geneem word in die beplanning en uitvoering van die verskillende fases en dat skrywer vooraf geken sal word in alle beplanning.</p> <p>Dit word dan ook hiermee aangeteken dat enige verandering aan of uitbreiding van skrywer se infrastruktuur vir die bereiking van Frontier se doelwitte vir Frontier se rekening sal wees en dat die standard van al sodanige werk onderhewig sal wees aan skrywer se aanvaarding.</p> <p><i>It is essential that we record and bring the following to your attention in respect of the proposed route alignments that were presented to us:</i></p>	22 July 2013	Property Owner	<p>Frontier sal die voorgestelde roete belynings met alle geaffecteerde grondeienaars bespreek om te verseker dat hul bekommernisse aangespreek word en om ontwriging op private eiendomme te beperk.</p> <p>Deur die OIE-proses, sal SRK die beduidenheid van impakte op die omliggende omgewing evalueer, insluitend dié op private eiendomme.</p> <p>Enige infrastruktuur wat ontwikkel, verander of uitgebrei word deur Frontier sal voldoen aan die voorgeskrewe ingenieurs-standaarde wat deur die betrokke owerhede goedgekeur is en sal as 'n minimum dieselfde standaard wees as dit wat bestaande was in die tydperk direk voor die aanvang van die ontwikkeling, verandering of uitbreiding van infrastruktuur.</p> <p>Soos hierbo aangedui, word daar beplan om alle ontwerpe vir die beplande Volwaterbaai ontsoutingsaanleg en verwante infrastruktuur voor te lê by die Openbare Ope Dag gedurende die OIE-fase (tans beplan vir die eerste helfte van 2014) siende dat die ontwerpe nog nie gefinaliseer is nie.</p> <p><i>Frontier will discuss the proposed route alignments with all affected property owners to ensure that their concerns can be addressed and that disruption to private property can be minimised.</i></p> <p><i>Through the EIA process, SRK will assess the significance of any impacts on the surrounding environment, including those on private properties.</i></p>

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	<p><i>Yellow Route:</i></p> <p><i>Should you decided on this as the preferred route, there will need to be very close collaboration with us regarding the part of our property that will be affected.</i></p> <p><i>I assume you are aware that the said route divides my farm property into two and any long-term operations on this route will not be conducive to my personal life and particularly my farming.</i></p> <p><i>You are apparently also aware that I have at my own expense and with the approval of the local authority (roads section), established essential infrastructure for the operation of my business along said route. I believe this matter will be considered in the planning and execution of the different phases and that we will be consulted in advance in all planning.</i></p> <p><i>It is also hereby noted that any alteration or expansion of our infrastructure to achieve Frontier's goals will be for Frontier's account and that the standard of all such work shall be subject to our acceptance. It is also hereby noted that any alteration or expansion of our infrastructure to achieve Frontier's goals will be for Frontier's account and that the standard of all such work shall be subject to our acceptance.</i></p>			<p><i>Any infrastructure developed, altered or expanded by Frontier will meet the prescribed engineering standards approved by the relevant authorities and as a minimum will be to the same standard as those at the time directly before commencement of infrastructure development, alteration or expansion.</i></p> <p><i>It is planned to present all designs relating to the planned Volwaterbaai Desalination plant and associated infrastructure during the EIA phase.</i></p>
14	<p><i>Swart en Groen Roetes:</i></p> <p><i>Na oorweging het skrywer en sy gade besluit om slegs die swart roete te ondersteun waar dit ons grond moontlik sal deurkruis. Ons besluit is egter onderhewig aan die aanvaarding deur Frontier van ons voorwaardes en vereistes.</i></p> <p><i>Black and Green Routes:</i></p> <p><i>Following review, we have decided to support only the black route where it will possibly cross our land. Our decision is subject to Frontier's acceptance of our conditions and requirements.</i></p>	22 July 2013	Property Owner	<p>Aangeteken. Daar word na die groen roete verwys as die Verbypad Roete in die Omvangbepalingsverslag en hierdie roete word in groen op al die figure in die verslag aangedui. Daar word na die swart roete verwys as die Alternatiewe Verbypad Roete en hierdie roete word in swart op al die figure in die verslag aangedui.</p> <p>Die Kotzesrus Roete, Verbypad Roete en Alternatiewe Verbypad Roete sal almal in detail evalueer word tydens in die OIE-fase van die projek, siende dat daar waarskynlik voor-en nadele is wat verband hou met al die alternatiewe roetes. SRK moedig belanghebbendes en veral potensieël geaffekteerde grondeienaars aan om bekommernisse of enige voorkeur vir sekere van die alternatiewe roetes aan te dui, sodat dit oorweeg kan word tydens die OIE en gedetailleerde beplanning van die projek. Uiteindelik is dit die betrokke owerhede wat moet besluit om die roetes goed te keur.</p>

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				<p><i>Noted. The green route is referred to as the Bypass Route in the Scoping Report and is shown in green on all figures in the Report. The black route is referred to as the Alternative Bypass Route and is shown in black on all figures in the Report.</i></p> <p><i>The Kotzesrus Route, Bypass Route and Alternative Bypass route will all be assessed in detail in the EIA phase of the project since there are likely to be advantages and disadvantages associated with all routes. SRK would encourage stakeholders and particularly potentially affected property owners to specify reasons for concern or preference for certain route alternatives, so that these can be considered in the EIA and detailed planning phases of the project. Ultimately the relevant authorities must decide whether to approve the alignments.</i></p>
15	<p>Ek is deur Mnr Derick de Wit van u betrokkeheid by hierdie projek ingelig.</p> <p>Ek neem kennis dat my kwellinge in hierdie verband aan u oorgedra is en meer spesifiek waar die projek my eiendom direk mag raak. Ek glo dat u van die nodige tegniese inligting van die projek voorsien is aangesien dit my mening is dat dit 'n redelike impak op verskeie aspekte sal hê wat my, my bedryf en die onmiddellike omgewing drasties kan verander, (meer negatief as positief).</p> <p>Ek ontvang graag mettertyd volledige dokumente van u en onderneem om my samewerking te gee waar dit vir my moontlik mag wees.</p> <p><i>I was informed by Mr Derick de Wit of your involvement in this project.</i></p> <p><i>I understand that my concerns in this regard have been communicated to you, more specifically relating to where the project may affect my property directly. I believe that you have been supplied with the necessary technical information relating to the project seeing that it is my opinion that it will have a considerable impact on various aspects that could drastically change my circumstances, my business and the immediate environment (in a more negative than positive way).</i></p> <p><i>I would gladly receive your completed documents over time, and I agree to cooperate where it would be possible for me to do so.</i></p>	13 Augustus 2013	Property Owner	<p>U bekommernisse is aangeteken. As grondeienaar en geregistreerde belanghebbende sal u op hoogte gehou word van die OIE-proses en u sal die geleentheid gegun word om publieke dokumentasie in verband met die OIE te hersien en kommentaar te lewer.</p> <p><i>Your concerns have been noted. As an affected property owner and registered stakeholder, you will be kept informed of the EIA process and will be given the opportunity to review and comment on all documents relating to the EIA, which will be released for public comment.</i></p>

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Permit Requirements				
16	The extraction of sea water is not yet included in Regulations promulgated in terms of NEM: ICMA and currently falls under the mandate of the DWA. A future amendment to NEM: ICMA will make allowance for seawater extraction permits to be authorised by DEA: O & C, but this legislation has not yet come into effect. The required extraction permits therefore need to be authorised by the DWA, for which a WUL will be required.	7 March 2013	Nitasha Baijnath-Pillay, DEA: O&C	SRK will make contact with DWA to clarify the requirement for a WUL during the stakeholder engagement process. It will however be necessary for the two government department to reach agreement on these requirements.
17	A CWDP will be required in terms of NEM: ICMA and DEA: O&C will be responsible for the issuing of such a permit.	7 March 2013	Nitasha Baijnath-Pillay, DEA: O&C	An application of a CWDP will be submitted to DEA: O&C towards the end of the EIA process, and will be informed by the EIA process.
18	There will likely be a number of permit requirements: <ul style="list-style-type: none"> • Water extraction permit (issued by DWA); • CWDP (issued by DEA: Oceans and Coasts); and • Permit for driving on the beach (issued by DEA: Oceans and Coasts). EA would need to be granted before a decision on issuing permits can be granted by DEA: O&C.	7 March 2013	Nitasha Baijnath-Pillay, DEA: O&C	SRK would aim to submit permit applications along with the Draft EIA Report when submitted to DEA: O&C for comment, so that these applications can be considered simultaneously.
Scope of Specialist Studies				
19	Specialist studies would need to provide specific information in order to comply with the requirements of the permit applications. A draft list of (permit application) assessment criteria has been produced, by DEA: O&C which provides an overview of the information that must be contained in the permitting application for CWDP. Although the intention is to develop specialised criteria for different industries in future, these are general draft assessment criteria applicable to all CWDP applications.	7 March 2013	Nitasha Baijnath-Pillay, DEA: O&C	The EIA and associated specialist studies will aim to include the information necessary for the permit applications. The draft list of assessment criteria will be used to inform the scope of the specialist studies that will be undertaken as part of the EIA, to ensure that they also address the requirements for the CWDP, where these are considered to be relevant.
Marine and Coastal Impacts				
20	It would not be desirable to discharge brine into the surf zone, which is generally considered a sensitive environment. The disposal of brine into the surf zone will only be permitted if specialist studies and modelling indicate that there would be sufficient mixing and brine plumes would not result in environmental impacts. As a general	7 March 2013	Nitasha Baijnath-Pillay, DEA: O&C	Noted. Impacts associated with the discharge of brine will be taken into consideration during the EIA. Potential environmental impacts will be identified and assessed during the specialist studies that will be conducted as part of the EIA. Mitigation measures will be set in place to

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	principle, it would be preferable to discharge at a point further out to sea.			ensure that environmental impacts are reduced. It is however at this stage the opinion of the marine Engineers and marine specialist that due to the high wave energy along this stretch of the coastline, discharge into the surf zone may allow for the greatest mixing and dilution of brine. This will however be further investigated in the marine specialist assessments.
21	Potential impacts of the discharge of brine must also take into consideration key habitats or conservation areas close by that may be affected (e.g. birdlife or MPAs)	7 March 2013	Nitasha Baijnath-Pillay, DEA: O&C	The impact of the discharge of brine into the receiving environment will be assessed as part of the EIA and the associated specialist marine ecology study.
22	The placement of the desalination plant in relation to the high water mark may be determined based on engineering requirements, although cognisance must be taken of potential sea-level rise if considering placement close to the high water mark.	7 March 2013	Nitasha Baijnath-Pillay, DEA: O&C	The location of the desalination plant in relation to the high water mark and potential sea level rise have been taken into consideration in the consideration of alternatives (see Section 3.5 of the Scoping Report) and will be further considered during detailed design.
23	Coastal setback lines have not yet been determined for the area, but that it would be possible to consult with a coastal planner from DEA: O&C in order to determine the potential requirements in terms of required distances from the coastal zone and the high water mark.	7 March 2013	Thilivhali Merengi, DEA: O&C	A coastal planner from DEA: O&C (Pottlako Khati) was consulted by SRK in April 2013. Mr Khati indicated that no setback lines have been determined for the area and that a setback line of 100m from the high water mark was recommended.
24	Some blasting may be required during construction, particularly with respect to the sea water extraction point. DEA: O&C will comment once the Draft EIA has been submitted and will clarify whether there are any specific requirements in terms of blasting.	7 March 2013	Nitasha Baijnath-Pillay, DEA: O&C	Noted. Reference to the required blasting is also made in Section 3.6.1 of the Scoping Report.
Heritage Impacts				
25	In terms of the National Heritage Resources Act, no 25 of 1999, heritage resources, including archaeological or palaeontological sites over 100 years old, graves older than 60 years, structures older than 60 years are protected. They may not be disturbed without a permit from the relevant heritage resources authority. This means that before such sites are disturbed by development it is incumbent on the developer (or mine) to ensure that a Heritage Impact Assessment is done. This must include the archaeological component (Phase 1) and any other applicable heritage components. Appropriate (Phase 2) mitigation, which involves recording, sampling and dating sites that are to be destroyed, must be done as required. In your application received by SAHRA there was no indication of such an assessment of the	2 May 2013	Colette Scheemeyer, SAHRA	Heritage (including archaeology) and palaeontology specialist assessments will be undertaken by suitably qualified specialists during the EIA phase. See Section 7.7 of the Scoping Report for the ToR for these studies.

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	palaeontological/archaeological resources. The quickest way forward is to contact suitably qualified specialists to provide a Phase 1 Palaeontological/Archaeological Impact Assessment Report (see www.asapa.org.za).			
26	The Phase 1 Impact Assessment Report will identify the archaeological sites and assess their significance. It should also make recommendations (as indicated in section 38) about the process to be followed. For example, there may need to be a mitigation phase (Phase 2) where the specialist will collect or excavate material and date the site. At the end of the process the heritage authority may give permission for destruction of the sites.	2 May 2013	Colette Scheemeyer, SAHRA	Heritage (including archaeology) and palaeontology specialist assessments will be undertaken by suitably qualified specialists during the EIA phase. See Section 7.7 of the Scoping Report for the ToR for these studies.
27	Where bedrock is to be affected, or where there are coastal sediments, or marine or river terraces and in potentially fossiliferous superficial deposits, a Palaeontological study must be undertaken to assess whether or not the development will impact upon palaeontological resources - or at least a letter of exemption from a Palaeontologist is needed to indicate that this is unnecessary. If the area is deemed sensitive, a full Phase 1 Palaeontological Impact Assessment will be required and if necessary a Phase 2 rescue operation might be necessary (see www.palaeontologicalsociety.co.za). If the property is very small or disturbed and there is no significant site the specialist may choose to send a letter to the heritage authority to indicate that there is no necessity for any further assessment.	2 May 2013	Colette Scheemeyer, SAHRA	Heritage (including archaeology) and palaeontology specialist assessments will be undertaken by suitably qualified specialists during the EIA phase. See Section 7.7 of the Scoping Report for the ToR for these studies.
28	Any other heritage resources that may be impacted such as built structures over 60 years old, sites of cultural significance associated with oral histories, burial grounds and graves, graves of victims of conflict, and cultural landscapes or viewsapes must also be assessed.	2 May 2013	Colette Scheemeyer, SAHRA	Noted. These will all be identified and assessed in the Heritage Assessment, which will meet the requirements of the NHRA.
Cumulative Impacts				
29	Cumulative impacts would need to be taken into consideration.	7 March 2013	Nitasha Baijnath-Pillay, DEA: O&C	Cumulative impacts will be assessed as part of the EIA.
Environmental Management and Monitoring				
30	Monitoring of the receiving environment and reporting may be required over the long term.	7 March 2013	Nitasha Baijnath-Pillay, DEA: O&C	Recommendations for monitoring (where necessary) will be made by the relevant specialists. Should DEA: O&C however have any specific requirements in this regard, it would be constructive if the application could be informed of these as soon as possible.

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31	Any unwanted material that is discarded and has no further use is identified as being waste in terms of NEM: WA. The disposal of waste into the discharge stream will need to be included in the application and waste should be minimised and avoided as far as possible. A management plan for dealing with debris/solid waste may be required.	7 March 2013	Nitasha Baijnath-Pillay, DEA: O&C	The EMP that will be included as part of the EIA, will take the management of waste into consideration.