



ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

RICHARDS BAY GAS TO POWER PLANT, KWAZULU-NATAL PROVINCE

PUBLIC PARTICIPATION PROCESS

NOTES OF THE MEETING

RICHARDS BAY INDUSTRIAL DEVELOPMENT ZONE - PERCY LANGA

HELD ON

FRIDAY 22 APRIL 2016 AT 08:30

VENUE

150A PIONEER ROAD, RICHARDS BAY

Savannah Environmental (Pty) Ltd

Contact: Gabriele Wood

Address: PO Box 148
Sunninghill, 2157

Tel: 011 656 3237

Fax: 086 684 0547

E-mail: gabriele@savannahsa.com

Notes for the Record prepared by:

Savannah Environmental

Please address any comments to Gabriele Wood at the above address.

RICHARDS BAY GAS TO POWER PLANT, KWAZULU-NATAL PROVINCE

Venue: 150A Pioneer Road, Richards Bay
Date: Friday 22 April 2016
Time: 08:30

WELCOME AND INTRODUCTION

Candice Hunter of Savannah Environmental welcomed all in attendance and introduced herself as the Social Consultant from Savannah Environmental. She noted that Richards Bay Gas Power 2 (Pty) Ltd (a Special Purpose Vehicle (SPV) established for the project) is proposing the establishment of a gas to power plant and associated infrastructure on a site located within the Richards Bay Industrial Development Zone 1F. The power station will have a capacity of up to 400MW (300MW from the gas turbines, 150MW from the steam turbines) and will be developed in 2 phases to operate with a wide variety of fuels, including diesel and Liquefied Petroleum Gas (LPG) (phase 1 of the proposed development) and ultimately Liquid Natural Gas (LNG) / Natural Gas (NG) (phase 2 of the proposed development). She noted that the proposed site is situated within the uMhlatuze Local Municipality (ULM), which is located within the jurisdiction of the uThungulu District Municipality (UDM) in the KwaZulu-Natal (KZN) Province.

Candice Hunter thanked all in attendance for the opportunity to brief them about the proposed project. She noted that the purpose of the meeting was to present the background of the project, provide an overview of the environmental assessment process and discuss any potential social issues and concerns with the proposed developments. She noted that any issues raised would be recorded as part of the public participation process and included in the Comments and Responses Report which would be appended to the Environmental Impact Assessment Report that would be submitted to the Department of Environmental Affairs.

MEETING ATTENDEES

Name	Organisation & Position
Percy Langa (PL)	RBIDZ – Environmental Manager
Joe Muller (JM)	RBIDZ
Candice Hunter (CH)	Savannah Environmental –Social Consultant

APOLOGIES

None

BACKGROUND & TECHNICAL ASPECTS REGARDING THE PROPOSED PROJECT

Candice Hunter discussed the background and introduction to the project and the Environmental Impact Assessment process. A Background Information Document (BID) and a map including the location of the proposed developments were presented.

DISCUSSION SESSION

Question / Comment	Response
<i>JM:</i> Are you presenting this project at ERC? Because the ERC is definitely a stakeholder in this process.	<i>CH:</i> Yes. Savannah Environmental and the developer will be attending the ERC meeting on the 17 th May. Savannah Environmental is also arranging the public meeting on the same day.
<i>JM:</i> Will the EIA report be finalised at that stage?	<i>CH:</i> The draft EIA report would have been released into the public domain by then. The review period for the draft EIA Report is from the 10 May 2016 – 9 June 2016.
<i>CH:</i> What other developments are planned in the IDZ phase 1F?	<i>PL:</i> It will be general industrial development. A big titanium pigment plant on all the properties on the other side. Biomass has been allocated for these two sites next to the gas sites. A chemical plant is also planned for the area, as well as Element Chemicals and Light Metals. There might be additional developments.
<i>CH:</i> Do you have any justification documents stating how you chose this area for the IDZ? Do you have any feasibility document? What kind of developments would be in the area?	<p><i>JM:</i> There has been numerous social economic studies in the area. We didn't specifically look at what type of company should be in the IDZ. We looked at it from a general industrial point of view and the socio-economic impacts on the area.</p> <p><i>PL:</i> If you look at existing Phase 1A, it is very much light, non-polluting estate while 1F is more general industry.</p>
<i>CH:</i> There is a residential area close by, this IDZ may impact the local community.	<i>PL:</i> It will be general industry with minimal emissions. Even though it is general, the air quality will still be a critical factor.

Question / Comment	Response
<p><i>CH:</i> Do you have any documentation that explains the process for choosing the type of industries to be developed in the IDZ?</p>	<p><i>JM:</i> No, we only get the land use in place, making sure that the land use can accommodate the type of industries. Although the social-economic study we did, does include the actual impacts that the companies would have but that study was done in 2014.</p>
<p><i>CH:</i> How was the EIA conducted without knowing which companies would be developed in the IDZ?</p>	<p><i>PL:</i> It was done for the infrastructure. It is difficult to anticipate the impacts as some of the companies might be very different.</p>
<p><i>CH:</i> Have these EIAs started for the other industrial developments in the IDZ? Do you know who the consulting companies are?</p>	<p><i>JM:</i> SRK Consulting is doing the EIA for the chemical plant. We have made the information available of all the specialist studies that was done.</p>
<p><i>JM:</i> The issue of the gas infrastructure coming in to the site. In our engineering design, we've allowed for a gas corridor to enter the site internally. Percy will check, then he'll forward it to you. I informed Deon that if it isn't there, it should be included in this process. But we need to double check it. Where is your gas corridor coming from?</p>	<p><i>CH:</i> The gas corridor will be assessed in a separate EIA process.</p>
<p><i>JM:</i> The one issue which we've also raised to Deon is the water supply. Infrastructure can accommodate their requirement, but with the drought we can't guarantee the water supply. The infrastructure has been designed to meet their demand, but with the drought those demands cannot be guaranteed.</p>	<p><i>CH:</i> Noted.</p>
<p><i>PL:</i> You mentioned that you are also undertaking an ecological study?</p>	<p><i>CH:</i> Yes. An ecological impact study is being undertaken.</p>
<p><i>PL:</i> There are two wetlands identified on the site for the biomass projects. Joe will forward you the new layout where you can actually see the wetlands.</p>	<p><i>CH:</i> <i>Noted</i></p>

WAY FORWARD AND CLOSURE

In closing Candice noted that the EIA Report will be made available for public review in the next few weeks and that Interested and Affected Parties could submit their written comments on the EIA process and proposed project to Savannah Environmental. She noted that the comments received would be included in the EIA Report that will be submitted to the Department of Environmental Affairs. She thanked all in attendance for the inputs which were provided. The meeting was closed at 09:30.



ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

RICHARDS BAY GAS TO POWER PLANT, KWAZULU-NATAL PROVINCE

Savannah Environmental (Pty) Ltd

Contact: Gabriele Wood
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Sunninghill, 2157
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Fax: 086 684 0547
E-mail: gabriele@savannahsa.com

PUBLIC PARTICIPATION PROCESS

NOTES OF THE MEETING CITY OF UMHLATHUZE MUNICIPALITY - WARD 2 COUNCILLOR

HELD ON
FRIDAY 22 APRIL 2016 AT 10:00

VENUE
5 MARK STRASSE, RICHARDS BAY

Notes for the Record prepared by:

Savannah Environmental

Please address any comments to Gabriele Wood at the above address.

MEETING:
RICHARDS BAY GAS TO POWER PLANT, KWAZULU-NATAL PROVINCE

Venue: 5 Mark Strasse, Richards Bay
Date: Friday 22 April 2016
Time: 10:00

WELCOME AND INTRODUCTION

Candice Hunter of Savannah Environmental welcomed all in attendance and introduced herself as the Social Consultant from Savannah Environmental. She noted that Richards Bay Gas Power 2 (Pty) Ltd (a Special Purpose Vehicle (SPV) established for the project) is proposing the establishment of a gas to power plant and associated infrastructure on a site located within the Richards Bay Industrial Development Zone 1F. The power station will have a capacity of up to 400MW (300MW from the gas turbines, 150MW from the steam turbines) and will be developed in 2 phases to operate with a wide variety of fuels, including diesel and Liquefied Petroleum Gas (LPG) (phase 1 of the proposed development) and ultimately Liquid Natural Gas (LNG) / Natural Gas (NG) (phase 2 of the proposed development). She noted that the proposed site is situated within the uMhlathuze Local Municipality (ULM), which is located within the jurisdiction of the uThungulu District Municipality (UDM) in the KwaZulu-Natal (KZN) Province.

Candice Hunter thanked Mr Viljoen for the opportunity to brief them about the proposed project. She noted that the purpose of the meeting was to present the background of the project, provide an overview of the environmental assessment process and discuss any potential social issues and concerns with the proposed developments. She noted that any issues raised would be recorded as part of the public participation process and included in the Comments and Responses Report which would be appended to the Environmental Impact Assessment Report that would be submitted to the Department of Environmental Affairs.

MEETING ATTENDEES

Name	Organisation & Position
Allen Viljoen (AV)	City of uMhlathuze Municipality – Ward 2 Councillor
Candice Hunter (CH)	Savannah Environmental –Social Consultant

APOLOGIES

None

BACKGROUND & TECHNICAL ASPECTS REGARDING THE PROPOSED PROJECT

Candice Hunter discussed the background and introduction to the project and the Environmental Impact Assessment process. A Background Information Document (BID) and a map including the location of the proposed developments were presented.

DISCUSSION SESSION

Question / Comment	Response
AV: Is this the same gas to power plant where they did a presentation a while ago?	CH: Are you referring to the ERC meeting? Yes, this is the same project. There is another meeting on 17 May 2016.
AV: Is this project within the IDZ?	CH: Yes. RBIDZ Phase 1F.
AV: North of the IDZ (approximately 2km) there is a planned mega housing development where there will be approximately 10 000 new houses in the area. It will be high density, 3-4 storey flats as well as houses. Semi-supported housing will also be there. There will be schools etc.	CH: Noted.
AV: Where will the gas pipeline come from?	CH: A separate EIA process for the gas pipeline will be undertaken at a later stage.
AV: What capacity of water will be required? There is no water, as this is the worst drought in a 100 years as well as incompetency from the municipality. The dam will be empty by the end of October if there isn't a drastic drop in consumption before that.	CH: Water quantity amount are being finalised. The developer will present these quantities at the ERC meeting. The amount of water required for the development will also be stipulated in the Draft EIA report which will be released for public review on the 10 May 2016.
AV: When you refer to two phases, is this referring to the different type fuel only that will be different?	CH: Yes, diesel or LPG will be used for the first phase, and LNG or natural gas will be utilised for the second phase.
AV: In terms of Ecology, that whole area there has been timber farms and is now basically used for industrial purposes.	CH: Noted.
AV: Regarding the traffic impact, we've just approved a weight restriction on construction vehicles. Here where the	CH: Noted. This will be taken into consideration in the SIA.

Question / Comment	Response
<p>access road into the light industrial area will have a weight restriction of 10.9 tons. They will need to use the N2 and R34 road to access the IDZ area. The name of the road is North Central Arterial (R619) there is heavy traffic already and it becomes heavily congested. So the construction vehicles will need to divert there routes if they are planning to use the road with weight restriction. We would prefer if they use the N2 and the R34 (John Ross highway) into the industrial area.</p>	
<p>AV: How high will the gas power plant be?</p>	<p>CH: Maximum height of the infrastructure will be 15m.</p>
<p>AV: What about noise and vibration impacting the residential area close by?</p>	<p>CH: We have a letter from Morne de Jager, the noise specialist, stating that it won't be necessary to do a noise assessment. If it is a mid-merit plant, then there will only be noise during peak hours.</p>
<p>AV: Will the employment be more highly skilled personnel?</p>	<p>CH: The proposed development is likely to create approximately ~300-400 employment opportunities, depending on the final design. Of this approximately 25% of the opportunities will be available to low-skilled workers (construction labourers, security staff etc.), 35% will be available to semi-skilled workers (drivers, equipment operators etc.), and 40% will be available to skilled personnel (engineers, land surveyors, project managers etc.). Majority of low-skilled and semi-skilled opportunities are likely to be available to local workers ($\pm 25\%$).</p>

WAY FORWARD AND CLOSURE

In closing Candice noted that the EIA Report will be made available for public review in the next few weeks and that Interested and Affected Parties could submit their written comments on the EIA process and proposed project to Savannah Environmental. She noted that the comments received would be included in the EIA Report that will be

submitted to the Department of Environmental Affairs. She thanked Mr Viljoen for the inputs which were provided. The meeting was closed at 11:00.



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PUBLIC PARTICIPATION PROCESS

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Fax: 086 684 0547

E-mail: gabriele@savannahsa.com

NOTES OF THE MEETING ADJACENT LANDOWNER - NDUMISO NGONGOMA (TATA STEEL)

HELD ON
FRIDAY 22 APRIL 2016 AT 12:00

VENUE
22 BRONZE BAR, KRUGERRAND

Notes for the Record prepared by:

Savannah Environmental

Please address any comments to Gabriele Wood at the above address.

MEETING:
RICHARDS BAY GAS TO POWER PLANT, KWAZULU-NATAL PROVINCE

Venue: 2 Bronze Bar, Krugerrand
Date: Friday 22 April 2016
Time: 12:00

WELCOME AND INTRODUCTION

Candice Hunter of Savannah Environmental welcomed all in attendance and introduced herself as the Social Consultant from Savannah Environmental. She noted that Richards Bay Gas Power 2 (Pty) Ltd (a Special Purpose Vehicle (SPV) established for the project) is proposing the establishment of a gas to power plant and associated infrastructure on a site located within the Richards Bay Industrial Development Zone 1F. The power station will have a capacity of up to 400MW (300MW from the gas turbines, 150MW from the steam turbines) and will be developed in 2 phases to operate with a wide variety of fuels, including diesel and Liquefied Petroleum Gas (LPG) (phase 1 of the proposed development) and ultimately Liquid Natural Gas (LNG) / Natural Gas (NG) (phase 2 of the proposed development). She noted that the proposed site is situated within the uMhlatuze Local Municipality (ULM), which is located within the jurisdiction of the uThungulu District Municipality (UDM) in the KwaZulu-Natal (KZN) Province.

Candice Hunter thanked Mr Ngongoma for the opportunity to brief him about the proposed project. She noted that the purpose of the meeting was to present the background of the project, provide an overview of the environmental assessment process and discuss any potential social issues and concerns with the proposed developments. She noted that any issues raised would be recorded as part of the public participation process and included in the Comments and Responses Report which would be appended to the Environmental Impact Assessment Report that would be submitted to the Department of Environmental Affairs.

MEETING ATTENDEES

Name	Organisation & Position
Ndumiso Ngongoma (NN)	Adjacent Landowner – Tata Steel
Candice Hunter (CH)	Savannah Environmental –Social Consultant

APOLOGIES

None

BACKGROUND & TECHNICAL ASPECTS REGARDING THE PROPOSED PROJECT

Candice Hunter discussed the background and introduction to the project and the Environmental Impact Assessment process. A Background Information Document (BID) and a map including the location of the proposed developments were presented.

DISCUSSION SESSION

Question / Comment	Response
<i>CH:</i> Tata Steel was liquidated in September 2015. Who will be reopen it? Where are all the employees?	<i>NN:</i> A company from USA. It should start up in two months.
<i>CH:</i> Will the new company be doing the same operation?	<i>NN:</i> Yes, the same process will continue (Chrome).
<i>NN:</i> When are you anticipating to start the construction?	<i>CH:</i> We are currently in EIA phase of the project. We still need to get Environmental Authorisation, then the project needs to be bid in the gas bidding round. We are not sure when the bidding round will be.
<i>NN:</i> Will there be a public meeting?	<i>CH:</i> Yes, a public meeting will be held on the 17 May 2016. The venue and time is still to be confirmed.
<i>NN:</i> At this point in time, my main concern is regarding the wetlands. Surely this activity will require a water use licence. Once the EIA is out, then I'll be able to comment.	<i>CH:</i> The draft EIA report will be available on 10 May 2016.
<i>CH:</i> Do you have any concerns regarding the proposed development?	<i>NN:</i> No, it's within the IDZ area.

WAY FORWARD AND CLOSURE

In closing Candice noted that the EIA Report will be made available for public review in the next few weeks and that Interested and Affected Parties could submit their written comments on the EIA process and proposed project to Savannah Environmental. She noted that the comments received would be included in the EIA Report that will be submitted to the Department of Environmental Affairs. She thanked Mr Ngongoma for the inputs which were provided. The meeting was closed at 13:00.



ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

RICHARDS BAY GAS TO POWER PLANT, KWAZULU-NATAL PROVINCE

Savannah Environmental (Pty) Ltd

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E-mail: gabriele@savannahsa.com

PUBLIC PARTICIPATION PROCESS

NOTES OF THE MEETING: UTHUNGULU DISTRICT MUNICIPALITY

Held on:
FRIDAY 22 APRIL 2016 AT 14:00

Venue:
UTHUNGULU HOUSE, CBD, RICHARDS BAY

Notes for the Record prepared by:

Savannah Environmental

Please address any comments to Gabriele Wood at the above address.

MEETING:

RICHARDS BAY GAS TO POWER PLANT, KWAZULU-NATAL PROVINCE

Venue: uThungulu House, CBD, Richards Bay
Date: Friday 22 April 2016
Time: 14:00

WELCOME AND INTRODUCTION

Candice Hunter of Savannah Environmental welcomed all in attendance and introduced herself as the Social Consultant from Savannah Environmental. She noted that Richards Bay Gas Power 2 (Pty) Ltd (a Special Purpose Vehicle (SPV) established for the project) is proposing the establishment of a gas to power plant and associated infrastructure on a site located within the Richards Bay Industrial Development Zone 1F. The power station will have a capacity of up to 400MW (300MW from the gas turbines, 150MW from the steam turbines) and will be developed in 2 phases to operate with a wide variety of fuels, including diesel and Liquefied Petroleum Gas (LPG) (phase 1 of the proposed development) and ultimately Liquid Natural Gas (LNG) / Natural Gas (NG) (phase 2 of the proposed development). She noted that the proposed site is situated within the uMhlathuze Local Municipality (ULM), which is located within the jurisdiction of the uThungulu District Municipality (UDM) in the KwaZulu-Natal (KZN) Province.

Candice Hunter thanked all in attendance for the opportunity to brief them about the proposed project. She noted that the purpose of the meeting was to present the background of the project, provide an overview of the environmental assessment process and discuss any potential social issues and concerns with the proposed developments. She noted that any issues raised would be recorded as part of the public participation process and included in the Comments and Responses Report which would be appended to the Environmental Impact Assessment Report that would be submitted to the Department of Environmental Affairs.

MEETING ATTENDEES

Name	Organisation & Position
W. Mpofu (WM)	uThungulu District Municipality - PNR Manager: Planning
Nontokozo Hlongwa (NH)	uThungulu District Municipality - Environmental Officer
Candice Hunter (CH)	Savannah Environmental – Social Consultant

APOLOGIES

None

BACKGROUND & TECHNICAL ASPECTS REGARDING THE PROPOSED PROJECT

Candice Hunter presented the background and introduction to the project and the Environmental Impact Assessment process. She presented a map including the location of the proposed development.

DISCUSSION SESSION

Question / Comment	Response
<i>WM:</i> How many megawatts are you proposing?	<i>CH:</i> 400MW (300MW from the gas turbines, 150MW from the steam turbines)
<i>WM:</i> Will it only be on these three properties in the IDZ area?	<i>CH:</i> Yes.
<i>WM:</i> Is this project part of the IPP Programme?	<i>CH:</i> Yes.
<i>WM:</i> Does this kind of activity have opportunities for recycling of water that has already been used?	<i>CH:</i> I would need to confirm this information.
<i>WM:</i> The air quality might be an issue. Because we had some issues with Tata Steel, Foskor and Mondi.	<i>CH:</i> The air quality specialist is currently undertaking an air quality impact assessment. The Draft EIA report will be available for review on 10 May 2016.
<i>WM:</i> So this project is still in the initial phase	<i>CH:</i> Yes, currently in the EIA phase.
<i>WM:</i> Are you interacting with anyone from the local municipality?	<i>CH:</i> Yes, we met with Sharon Govender and will be attending the ERC meeting on the 17 May.
<i>WM:</i> Is there a possibility of public meetings?	<i>CH:</i> Yes, a public meeting will be held on the 17 May 2016, the time and date is still to be confirmed.
<i>NH:</i> Will we be receiving a hard copy of the Draft EIA report?	<i>CH:</i> A CD of the Draft EIA report will be sent to the District Municipality. A hard copy will be available at the public library and the report will also be available on our website.
<i>NH:</i> Will the public meeting be in the evening?	<i>CH:</i> Approximately 6pm in Richards Bay.
<i>WM:</i> What about the rezoning of the properties?	<i>CH:</i> The area is zoned for general industry.
<i>WM:</i> In terms of fuel inputs, are you planning to use the railway?	<i>CH:</i> No. Fuel for phase 1 of the operation phase will transported to site via trucks.

Question / Comment	Response
<i>WM:</i> There is a lot of traffic on the R619. The road is majorly congested. It would be necessary for trucks to come into the IDZ from the south off the R34.	<i>CH:</i> Noted. The ward councillor has the same concern.
<i>WM:</i> Where will the fuel be coming from?	<i>CH:</i> It depends, still needs to be confirmed.
<i>WM:</i> Please email Nontokoza the minutes for this meeting.	<i>CH:</i> Noted. The minutes will be distributed next week.

WAY FORWARD AND CLOSURE

In closing Candice Hunter noted that the EIA report will be released in the coming weeks and the public will have an opportunity to comment on the report. The comments received from the public review will then be incorporated into the final report and thereafter it will be submitted to the Department of Environmental Affairs (DEA). Candice Hunter thanked all in attendance for the inputs which were provided. The meeting ended at 14:30.