CYMBIAN
ENVIRO-SOCIAL CONSULTING SERVICES

Date : 10th October 2007
Job No : ESC 146

Dear Authority / Stakeholder

Minutes of the Pipeline Focus Group Meeting held on the 4th of June 2007 and Notes from the Pipeline Landowners Site Visit held on the 11th June 2007 : Environmental Impact Assessment (EIA) for the Mooi-Mgeni River Transfer Scheme Phase 2 (MMTS2).

This document records the minutes of the Pipeline Focus Group Meeting held at the Nottingham Road Library Hall on the 4th June 2007 and the Pipeline Landowners Site Visit held on the 11th June for the Mooi-Mgeni River Transfer Scheme Phase 2 (MMTS2). Cymbian would like to thank all who attended and participated and request that these participants ensure that their comments and inputs contributed at the meeting are accurately captured in this document.

Please direct comments to Mrs Paula Tolksdorff at

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Yours Sincerely

Paula Tolksdorff
Snr Partner: Cymbian Enviro-Social Consulting Service

DEPARTMENT: WATER AFFAIRS AND FORESTRY
REPUBLIC OF SOUTH AFRICA

BKS

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MOOI-MGENI RIVER TRANSFER SCHEME PHASE 2 (MMTS-2)
PIPELINE FOCUS GROUP MEETING – MINUTES

Venue:	Nottingham Road Library Hall 4 June 2007
Date:	4 June 2007
Time:	15:00-17:00

Present:

Members of the Project Team:	
P. Tolksdorff	Cymbian Enviro-Social Consulting
S. Holt	Cymbian Enviro-Social Consulting
P. Teurlings	BKS (Pty) Ltd
Interested and Affected Parties:	
Peter Warren	Maranatha D146 Rosetta
Henley Davies	KZN Crane foundation
Mark Branford	94+95 Springvale Rosetta
Spico Dickson	Mziki Estate
Brett Scott	Customs Services Shonalanga
Mare Moira Gruenenberg	Lynedoch Estate sub of Wilders Pruit
James Berning	Springvale
Derek Greene	Spring Grove Farm Rem of 2169
Wolfang Kanz	Springvale no 2170 portion 175
Anthony Banister	Springvale 2170 portion 176
W Brysiewicz	Locks Pieke Springvale
Gavin Hayhoe	Rem of Gowrie 193

LIST OF ABBREVIATIONS USED

Abbreviation	**Description**
DWAF	Department of Water Affairs and Forestry
EIA	Environmental Impact Assessment
EMP	Environmental Management Plan
m	metres
RoD	Record of Decision

1	**WELCOME AND OPENING**
1.1	P Tolksdorff welcomed all present and thanked them for their interest in the project.
2	**PURPOSE OF THE MEETING**
2.1	P Tolksdorff noted that through the stakeholder database it has been identified that there are stakeholders on the pipeline route who have not came forward to raise their issues. Cymbian has therefore contacted 35 stakeholders along the route and invited them to today's meeting so that they are afforded an opportunity to participate. P Tolksdorff noted that the meeting is to focus on issues related to the new pipeline link from the proposed Spring Grove Dam wall to the existing pipeline.
2.2	P Tolksdorff explained that issues relating to the pipeline will be noted down and answers that are not accessible will be provided in due course.
2.3	P Tolksdorff indicated that everyone will be afforded the opportunity to raise their issues and when doing so should state their name and property for record keeping purposes.
3	**BACKGROUND**
3.1	P Tolksdorff asked if any of the attendees who would like to view the background video that was screened at the 1st Public Meeting. Two of the attendees noted that they would like to view the video after the meeting.
4	**STAKEHOLDERS ISSUES**
4.1	I Dickson asked if the pipeline route has been finalised. *P Tolksdorff noted that the pipeline route from the proposed dam wall to the existing Mearns servitude has not been finalised and that the purpose of this meeting is to obtain a route for this section with the input of the stakeholders. Mr P Teurlings briefed the group on the pipeline route from the dam wall to the Mpofana Weir.* I Dickson requested details on the type and depth of the pipeline. *P Teurlings replied that the pipeline will be a steel pressurised 1.4m in diameter and at a depth of approximately 1.5m or more. He also noted that the alignment of this section of pipeline is not fixed and the engineers require a 100m wide corridor area in which to finalise the alignment and design thus providing them with flexibility to miss trees, houses, etc.*
4.2	W Kanz asked if the 100m will be the construction servitude. *P Teurlings said that a 100m corridor is required for the design engineers, the servitude that will be registered will be narrower than the existing Mearns pipeline servitude, the latter being 25m. He also noted that only one pipeline will be placed in the servitude as the pipeline will be sized to provide the maximum flow into the Mpofana River that being 4.5m^3/sec (1.3 m^3/sec from Spring Grove Dam and 3.2 m^3/sec from Mearns Weir, or 4.5 m^3/sec directly from Spring Grove Dam).* W Kanz noted that the construction width should not be more than 20m. *P Teurlings replied that it should be in the order of 7 to 10m.* W Kanz asked if the width of the final servitude could be minimised. *P Teurlings said the servitude will be minimised due to the associated costs but will not be determined at the EIA stage.* W Krans asked who will ensure that the construction goes according to plan. *P Teurlings noted that the appointed Environmental Control Officer will have to check the construction against the EMP.* W Kanz asked if the EMP will advise how wide the servitude should be. *P Teurlings said the engineers can only finalise the width after the final design, post RoD.* W Krans asked if the EMP will include pipeline maintenance controls. *P Teurlings confirmed that the EMP will include operational and maintenance controls.*

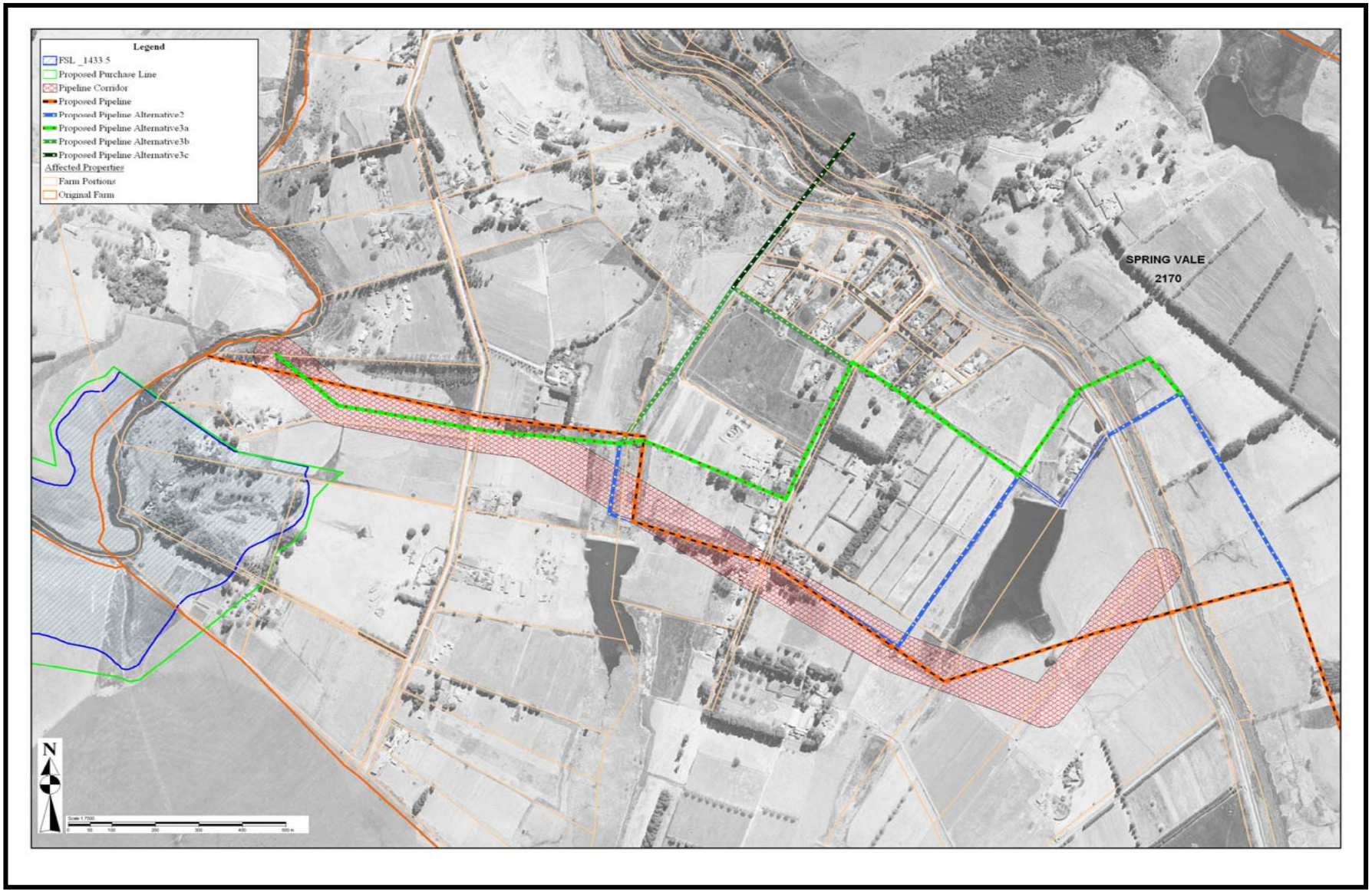
4.3	M Bradford asked when the pipeline will be installed, i.e. before or after the construction of the dam wall. *P Teurlings replied that it will be after the construction of the dam wall.* *P Tolksdorff noted that manufacturing of steel pipelines are done on order and thus affect the timing of installation.* *P Teurlings noted that the pipeline would be installed towards the end of 2010.* M Bradford questioned the further development of his land and if this meant that he could not build within this 100m corridor area until 2010. *P Teurlings noted that M Bradford must continue with his development until notification is given of the proclamation of the servitude.* M Bradford stated that he is going to be building upmarket houses and would like to know how far from the boundary can he build, so as to minimise the impact of the pipeline on this development. *P Teurlings requested that M Bradford provide him with a layout of his proposed development to assist in determining a route that will not compromise his development.* M Bradford asked when the proposed route will be finalised. *P Teurlings noted that the proposed pipeline corridor will be presented on the 25th June at the Public Meeting.*
4.4	W Kanz stated that buildings add value to property and if DWAF wants to expropriate the land they will compensate the owner for the loss. He also mentioned that development is planned in the area and it may be difficult to find a 100m corridor. *P Teurlings said that if they can't find 100m, they will use whatever space they can.*
4.5	I Dickson suggested a second meeting should be held once the route has been finalised. He also asked whether the district road could be used. *P Teurlings replied the district road route is longer and there are logistic issues of having a pressured pipeline within a road reserve. He added that he would ask the engineers about this suggested route.* I Dickson asked how security will be guaranteed during construction and maintenance. *P Teurlings noted that this can be denoted in the EMP which becomes a legislated document once an RoD has been obtained. He also noted that the public can report non-conformances to the Environmental Control Officer or designated authorities. P Teurlings reminded the group that affected landowners will be afforded the opportunity to participate in the compliance monitoring of the EMP by becoming members of the Mitigation Monitoring Committee.*
4.6	P Warren noted that his neighbour has had two visitors with conflicting maps. On of whom glanced over the properties and said there was nothing of importance there. *P Tolksdorff asked if P Warren could identify the person.* P Warren noted that is was a lady. *P Tolksdorff noted that ladies from the project team would have been either an Ecological or Heritage consultant.* P Warren noted that the lady was from the ecological team. *P Teurlings agreed to obtain a comment from the Ecological consultant as to why she did not undertake a visual assessment of the property.* P Warren noted that when the pipeline is installed, land will be disturbed and rehabilitated, and he would like to know if it is possible for the landowners to sign off their approval/disapproval of the rehabilitation undertaken. P Warren mentioned that the rehabilitation of the Mearns pipeline was not acceptable in places and that the landowners had no recourse. *P Teurlings noted that in 1983 the environmental legislation was in its infancy. He added that the EMP will detail the rehabilitation requirements and that the appointed Environmental Control Officer will have to audit the rehabilitation status and sign off acceptance there of. He added that the EMP will also include a window of post monitoring and follow up rehabilitation if required.* P Tolksdorff asked P Teurlings if the EMP could include a commitment that the Environmental Control

	Officer will liaise with the landowner regarding the status and acceptance of rehabilitation. *P Teurlings noted that practice is for the Environmental Control Officer to document the pre-construction status with site inspections and photographs as a reference and then ensure that the post-construction meets or improves this reference point.* P Warren noted that when consultants or surveyors conduct site work that they should establish contact with the landowner and obtain permission to enter private land prior to their visit. *P Tolksdorff agreed that this is courteous and requested that P Teurlings send out notification to the project team that this should be undertaken prior to future site visits.*
4.7	G Hayhoe asked if there is compensation due to the loss of income during construction. *P Teurlings noted that landowners will be compensated for the loss of crops that could not be harvest or that could not be planted in the next season due to construction activities.* G Hayhoe asked who will supervise the contractors; will it be the Environmental Control Officer? *P Teurlings said that DWAF will place a permanent independent Environmental Control Officer onsite to oversee and inspect the construction and rehabilitation activities. He noted that an independent Environmental Auditor will audit the project, at specified time intervals, against the EMP to ensure compliance thereof.* G Hayhoe stated that critical activities include the excavation and backfilling of the trench. *P Teurlings agreed that these activities require supervision and that is the function of the Environmental Control Officer.*
4.8	M Gruenenberg said she had no issues at present.
4.9	W Brysiewicz said he can only raise his objections or issues when he knows the pipeline route. *P Teurlings notes that there is a proposed route which will be revised as stakeholders raise their issues or concerns.*
4.10	W Kanz asked if there will be alternative routes. *P Tolksdorff noted that there are currently alternatives, and the stakeholders present today will inform the alternative and form additional alternatives.*
4.11	*P Teurlings noted that the proposed route should be ideally sited along boundary fences. He noted that no graves have been identified along the proposed routes and that the ecologist has identified a sensitive wetland area.*
4.12	I Dickson and D Greene asked if there will be compensation for the loss in value of the land due to servitudes traversing the properties and limiting the future use thereof. *P Tolksdorff said that if one can't use the land for its original or intended purpose, then it should be possible.* *P Teurlings explained the land expropriation process as explained by Mr J Geringer at the 1st Public Meeting.* *P Tolksdorff said she would ask the TCTA what compensation process is followed in terms of pipeline routes and servitudes.*
4.13	H Davies said that the Mooi Mpofana Municipality will raise the rates in 2009 and at present no allowance has been made for a reduction in rates for properties that have servitudes. *P Teurlings noted the interesting point.*
4.14	D Greene said that the route at this stage doesn't affect him.
4.15	M Gruenenberg noted that the existing Mearns pipeline has air valve chambers and asked if the new pipeline requires additional chambers and if so will they will be sited at the same locations as the existing chambers. *P Tolksdorff replied that air valves will be required and that they will probably be located in the same vicinity as the existing chambers.*

416	G Hayhoe asked if the current break pressure tank will be broken and a new one built. *P Teurlings said that this will be the case, the new break pressure tank will however be larger than the existing one.* *P Tolksdorff noted that P Teurlings and herself have visited the site earlier that day and noted the erosion gully where water overflows.* G Hayhoe said there seems to be a misunderstanding as he is talking about a different place, about 500m from the tank, opposite the Bierfassl restaurant. *P Tolksdorff requested that G Hayhoe take the project team there after the meeting.*
4.17	W Kanz asked at what interval air valves are placed. *P Tolksdorff noted that it depended on the gradient of the land.*
4.18	M Gruenenberg asked whether professional maintenance contractors will be appointed as a valve was not closed during previous maintenance and this creates chaos. *P Teurlings noted that maintenance is carried out by Umgeni Water and the point would be noted for their attention.*
4.19	W Kanz asked if there will be air valves on the rising main. *P Tolksdorff noted there could be.*
4.20	D Greene asked if the break pressure tank can be moved. *P Teurlings noted that that the break pressure tank must be within the registered servitude.* D Greene requested that it be moved closer to the side of the sports club. G Hayhoe noted that previously they requested that the break pressure tank be moved away from the sports club and were told that this can be done as the tank is best placed at highest elevation and if not placed at the highest elevation the pipeline depth under the road would be excessive. *P Teurlings agreed that a break pressure tank should be placed at the highest elevation he also noted that a change in the tank elevation would require a realignment of the existing Mearns pipeline.* D Greene mentioned that the existing break pressure tank is an eye sore and that an additional tank will create further visual impacts. *P Teurlings noted that the engineers prefer separate break pressure tanks but proposed the construction of a super structure or cladding around the tanks to improve the aesthetics.* D Greene agreed that this would be an improvement.
4.21	B Scott noted that according to the drawings he has seen the pump station has been sited on his property and the pipeline route along his driveway. He asked how guests will access the cottages during the construction period or would he be forced to close for 2 years. *P Tolksdorff noted that the pipeline will be laid in sections, and that the time period of disturbance would be limited and that during construction temporary crossings will be provided so that properties can be accessed.* B Scott added that construction activities will be visually displeasing and unpleasant. *P Tolksdorff noted that the EMP will address issues such as maximum length of open excavations and excavation timeframes.* B Scott asked where the measuring weir will be. *P Teurlings noted that it would be downstream of the dam wall, but the position has not been finalised. It will probably be upstream of the pump station on the property opposite the Scott's.* B Scott added that guests currently have access to the river and asked if they will have access to the weir or if it will be fenced. *P Teurlings noted that the weir will be a one to two meter high structure to measure the flow.* *P Tolksdorff noted that access to the weir could be possible but the measuring device may not be tampered with.*

	P Teurlings noted that the dam wall, section of the dam and the outfall/overflow from the dam will be fenced off for safety reasons as well as the sections where the water is pumped out of the dam. B Scott noted that here is an existing weir (2m), and asked if the new weir will be above or below it. *P Teurlings said he wasn't aware of this weir and noted that the engineers will investigate the matter.*
4.22	M Gruenenberg excused herself from the meeting.
4.23	J Berning noted his issues from the construction of the previous pipeline, those being: (1) that dams were built with excess soil that would not, in his opinion, pass the DWAF guidelines, (2) that two of the three dams have been washed away, (3) whether DWAF could rebuild these dams, and (4) that due to the lack of latrines being used during construction, cattle became infected with tape worms/measles. *P Tolksdorff said the EMP would ensure sufficient portable latrines are provided and maintained during the construction period.* J Berning added that there was no place for the cattle to cross the excavations and that 50% of the farmland was inaccessible. *P Tolksdorff asked whether in the EMP it could state that there should be a metal plate/board for the cattle to cross the excavation at agreed points along the pipeline route.* *P Teurlings noted that the servitude will be fenced during construction. P Tolksdorff clarified the point that the farm needs to be grazed on both sides. P Teurlings agreed.* J Berning said that Umgeni Water uses their internal roads, leave gates open and have damaged fences. *P Tolksdorff noted that this issue will be forwarded to Umgeni Water and suggested that J Berning decide which roads would be preferable and mark these up on a map for the project team to further the discussion with Umgeni Water.* *P Teurlings added that Umgeni Water has a limited budget to repair sections of the existing pipeline and that DWAF has noted that sections may also be repaired during the construction of the new pipeline.* J Berning also noted that there are alien weeds which increase every year. *P Teurlings replied that M Howard from BKS has been on site to investigate the quarry site and the matter regarding the alien weeds on the existing pipeline has been addressed.* J Berning then excused himself from the meeting.
4.24	M Bradford requested that pipeline excavation be limited in length and duration per property. *P Teurlings mentioned that this will depend on the length of the pipeline section – the minimum length open will then be three pipeline sections – 1 being excavated, 1 being laid and 1 being backfilled.* M Bradford requested that the contactor concentrate on one area at a time. M Bradford asked if Umgeni Water will monitor water quality downstream of the construction of the dam wall as at present they draw drinking water directly from the Mearns Weir. *P Teurlings said a water purification package plant will be built for construction workers and that the ablution facilities will tie into this.* *P Tolksdorff asked if M Bradford could clarify his concern being that water could become contaminated upstream of the Mearns Weir.* M Bradford agreed. *P Tolksdorff asked P Teurlings if they could request in the EMP monitoring of the water upstream of the Mearns Weir during the construction phase.* H Davies mentioned that sometimes the E. Coli count at Mearns Weir is so high that Umgeni Water will not pump the water to Midmar. He noted that the Upper Umgeni Catchment Management Forum does monitor the water and this report is available from Lyn Archer. He suggested that the Upper Umgeni Catchment Management Forum and the KZN DAEA be involved in investigating the problem.

5	WAY FORWARD
5.1	M Bradford said it has been stated that the pipeline route will be known by the 25th June, how this will be determined? *P Teurlings replied that today's meeting is to obtain an idea of the constraints on the alternative corridors with the input from the attendees.* *P Tolksdorff asked if the attendees could gather around the map, discuss the corridor constrains and alternatives. She suggested that a map be complied of the outcome of the discussion and circulated prior to the 2nd public meeting.*
5.2	D Greene asked if the EIA closes, on the 25th June? *P Tolksdorff replied that the next public meeting will be held on the 25th of June after which the draft Environmental Impact Assessment, Specialist Studies and Environmental Management Plan will be made available for 30 days for public review. After this comment period the reports will be amended and circulated once more to the public for comment. After the second comment period the reports will be finalised and submitted to the competent authority.*
5.3	H Davies said the Crane Foundation has donated property from J Berning and C Brown, and thus all J Berning's issues also pertain to the Crane Property. He added that should the project team require comparative material there are aerial photos available from the Crane Foundation and Umgeni Mr. Steve Simpson. *P Teurlings thanked H Davies.*
5.4	Everyone then gathered around a map and discussed various possible options for the pipeline route. Please refer to the attached map of the three possible routes that were discussed at the meeting.



MAP OF THE ALTERNATIVE PIPELINE ROUTES AS DETERMINED AT THE MEETING

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MOOI-MGENI RIVER TRANSFER SCHEME PHASE 2 (MMTS-2)
PIPELINE LANDOWNERS SITE VISIT MINUTES

Venue:	Nottingham Road and Rosetta
Date:	11 June 2007
Time:	8:30-15:30

Present:

Members of the Project Team:	
P. Teurlings	BKS (Pty) Ltd
S. Holt	Cymbian Enviro-Social Consulting
Interested and Affected Parties:	
G Hayhoe	Rem of Gowrie 193
G. Smith and P Greene	Gowrie golf course
I Dickson	Mziki Estate
M Bradford	94+95 Springvale Rosetta
Bettison	Ugly Duckling
P Warren	Maranatha D146 Rosetta

1.	**G HAYHOE**
1.1	G Hayhoe indicated the area where water flows out the overflow pipe for the break pressure tank. He indicated that the water flows out and damages his fence (electric) and road and flows into his new dam and then on to Guy Smith's big dam on the golf course. G Hayhoe mentioned that draining the Mearns weir and pipeline at times for maintenance contribute to this overflow. *P Teurlings said that DWAF will attend to the problem when they construct the new pipeline and another pipeline will create additional outflow of 4 m^3 per second.* G Hayhoe said 4 m^3 per second will have a large impact. *P Teurlings noted that a larger pipe can be installed to ensure the overflow flows under Hayhoe's road.* G Hayhoe said the water flows for two to three days when they forget to turn the pump off and noted that the small dam wall will breach if additional flow occurs.
2.	**G. SMITH AND P GREENE – GOWRIE GOLF COURSE**
2.1	G Smith asked which side of the existing Mearns pipeline they will lay the new pipeline. In Gowrie village, will it go on the common area side, or the side in peoples gardens? He added that pipeline maintenance is an issue as last time excavations lay open for three months. He would like the new pipeline to be excavated and backfilled within a reasonable timeframe so that disruption to the golf course is minimised. *P Teurlings noted that he believes the new pipe will be laid on the northern side of the servitude. P Teurlings would, however, make sure about the position of the pipeline in the servitude.* G Smith said it would be better for the Gowrie houses if the pipeline was laid on the southern side due to the presence of well established gardens. *P Teurlings said they the Environmental Control Officer would photograph the gardens and rehabilitate them.*

	G Smith stated he requires detailed plans/maps in order to see which greens would be affected. He questioned if the servitude could not be altered or moved? *P Teurlings said they would need to deregister the servitude.* ***[Following discussions with DWAF after the meeting, DWAF are not very keen to move an existing registered servitude]*** P Greene asked if they would tunnel or pipe jack under the district road that comes into Gowrie Farm. G Smith noted that there are other services along that road. *P Teurlings replied it would be too expensive, they will excavate the road, place the pipeline and then backfill, compact and repair the road to its original pavement. He noted that the pipeline section under the R103 will be jacked.* G Smith asked when the construction of the pipeline would commence. *P Teurlings stated that according to the project schedule they expect the RoD towards the end of November 2007 and pending the appeal process the construction of the Dam Wall will commence in August 2008 with the pipeline construction is scheduled towards the latter half of 2010. He noted that other landowners have requested that the pipe be built earlier.* ***[Comment inserted: Please note that the deadlines have moved to an as yet unknown date]*** G Smith asked why the existing pipe could not be used. *P Teurlings noted that the existing Mearns pipeline can not accommodate the flow rates required (i.e. 4.5 m^3/sec).* G Smith asked whether they had looked at alternative routes. *P Teurlings replied that on this section of pipeline alternatives have not been considered as there is an existing servitude reserved for this use. He noted that the project cost will be lower when using the existing servitude than when compared to expropriation of additional land.* P Greene asked if they will build another break pressure tank. *P Teurlings confirmed that a second break pressure tank will be constructed. He continued to say that BKS propose the construction of a super structure or cladding around the tanks to improve the aesthetics.* G Smith said they drew up plans to make the break pressure take aesthetically pleasing and that the plans are at The Junction sales office. He noted that the plans illustrate a lighthouse looking structure with a staircase to the top. He also questioned the size of the tank. *P Teurlings noted that the size of the tank will be determined by the flow rate discharged into the Mpofana River.* G Smith noted that he will forward a copy of the suggested visual illustration of the break pressure tank to P Teurlings. **[Added comment: P Teurlings confirmed that a visual illustration was received by e-mail.]** G Smith notes that he would like a map/layout plan indicating the pipeline position so that he can relocate the greens. G Smith requested that open excavations are minimised and rehabilitated with care. *P Teurlings said the pipeline will remain in the proposed 10m wide construction corridor or within the existing Mearns pipeline servitude. The pipe will be 1.4m diameter (rising) and 900mm (gravity). He also noted that a minimum of three lengths of pipeline will be open at any given time. P Teurlings concluded that the contractor will rehabilitate the Mearns servitude and the problems previously caused.* ***[Added comment: the exact position of the pipeline will only be know after an RoD has been issued.]***
3.	**P WARREN**
3.1	P Warren noted that the Godwins, opposite, started digging a new dam but have stopped. He also stated that downstream of the dam, where the water table is high, there is a wetland where Reedbuck breed, at the top dam there are breading Crested Cranes. P Warren pointed out the flood line from 1987 and the area where clay is dug out the ground. P Warren pointed out the under flow pipe under the lower dam wall and the pump station on Bradford's property. P Warren noted that Eskom have requested the installation of power lines 10m inside his boundary. *P Teurlings said that the grass will be kept short on top of the pipeline and any telephone /electricity lines will be moved.* ***[Additional note: It is Eskom policy that steel pipelines can not be constructed in the same servitude as electricity lines as the electromagnetic field of the electricity lines could***

	cause problems to both the pipeline and the electricity lines. Pipelines can cross Eskom servitudes but at 90degree angles.] *P Teurlings noted that Bradford's proposed route was not possible as the area crossing the R103 road was too steep.* P Warren proposed to run the pipe west of Bradford's property, then inside the boundary of portion 94, then through 93 and on the border between 92 and 174.
4.	**BETTISON - UGLY DUCKLING**
4.1	Mr Bettison noted that there is an approximate 20 m space between Bettison's fence around his house and the property border fence (at the blue gum trees). He also stated that he liked the trees and did not want them removed if the pipeline was laid in that area. *P Teurlings noted, next to the fence, on Greene's property is a covered reservoir and the dam at the bottom of the property (forming the border with Dickson).*
5	**BRADFORD**
5.1	M Bradford was not in Natal so the project team spoke to Mr K.G. Flint who owns the house and a small square piece of land on portion 94 (Bradford's property), as well as to the occupiers of a house on the Bardford property.
6	**I DICKSON**
6.1	I Dickson noted his concern about the reedbuck living in the bush on Bettison's property next to the dam. He sated that he is concerned that during construction and maintenance the reedbuck will leave. *P Teurlings said they could move the pipe to Greene's side next to the bush.* ***[Added comment: a bushbuck was unknowingly photographed on the currently vacant portion of land showing that the reedbucks move in and out of the area in spite of construction activities occurring in the area].*** I Dickson asked whether they could rather put the pipeline along the D682. *P Teurlings said the road servitude is too narrow and would cause too much disruption to landowners along the D682.* I Dickson asked whether it would be possible to miss the existing and proposed properties on the property. *P Teurlings showed that the pipeline could easily be constructed between the properties, missing the large tree but properly needing to relocate the pumphouse to a more suitable location on the property as shown on the final layout plan.* I Dickson said that Brysiewicz (portion 92) has built a new dam downstream of Dickson's. *P Teurlings sated that during construction the security fence will be maintained on both sides. A security company can be hired during pipeline maintenance. P Teurlings also noted that on Dickson's property there was an open space between the Eskom line and the boundary with Kanz's property.* I Dickson said that his boundary fence was not correct and an electric fence will be erected 2m inside the current fence. He asked whether the pipe could cross Brysiewicz's property. *P Teurlings said that he would investigate it later that day.* ***[Added comment: following investigations on Brysiewicz's property, it is clear that no pipeline crossing is possible due to the steep terrain, rocky nature of the Brysiewicz property and lack of available terrain between the R103 and the Brysiewicz property.]***