

**SHONGWENI  
LANDFILL  
SITE**



# **MONITORING COMMITTEE**

**Chairman:** Mr. Linda Mlotshwa

**Secretary:** Ms. Siphelisiwe G. Sithole

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**MINUTES OF THE SHONGWENI LANDFILL MONITORING COMMITTEE MEETING (MC) HELD ON THE 14<sup>th</sup> MARCH (THURSDAY),  
VENUE: KwaLINDA HALL, KwaNDENGEZI**

**Notice for the Meeting of the Shongweni Landfill Monitoring Committee held on the 6<sup>th</sup> of December 2018 (Thursday), 13h00 (Site Visit) and 15h00 (meeting) at Kwa Linda Hall, KwaNdengezi (29°50'26.8"S 30°46'08.2"E).**

## **Agenda:**

1. Welcome, Introduction & Apologies.
2. Minutes of the Previous Meeting: 6<sup>th</sup> December 2018 (Thursday).
3. Matters Arising from the Previous Meeting: 6<sup>th</sup> December 2018 (Thursday).
4. Feedback on Improvement Plan.
5. Date of Next Meeting: To be Confirmed

PARA NO.	DESCRIPTION OF DISCUSSION	ACTION BY
	<b>1. <u>Welcome, Introduction &amp; Apologies.</u></b>	
1.	Mr. Mlotshwa welcomed all present. He explained that according to the Shongweni Monitoring Committee Terms of Reference his term of office expired last year in September 2018. As a result, he cannot proceed as a chairperson for today's meeting (14 <sup>th</sup> of March 2019). Ms. Gugu Sithole was asked to facilitate.	
2.	Ms. Sithole welcomed all present and asked if there were any apologies. Apologies were recorded from Ms. Michelle Govender (DEA), Mr. Tex Collins (Councillor, Kloof), Ms. Thandeka Ndlovu (Baby Bear Day Care) and Mr. Mlungisi Nkabinde (translator).	
3.	Mr. Van Wyk queried whether the representatives from the Department of Environmental Affairs (DEA) had sent apologies in writing as per the terms of reference. The facilitator confirmed that there were no apologies received in writing from DEA.	
4.	Ms. Baloyi (DEA) responded that in future any apologies from DEA will be in writing.	DEA
5.	Ms. Sithole reiterated that the Term of Office for the chairperson expired last year therefore a new Chairperson and Deputy Chairperson should be elected today. She stated that the action item must be incorporated on the agenda. Mr. Nkosie Mkhize suggested that the meeting should commence by nominating the Chairperson and the Deputy Chairperson.	
6.	The monitoring committee members agreed, and the agenda was amended accordingly.	
7.	Ms. Carlson queried whether the posts were not supposed to be advertised before the elections.	
8.	Mr. Taaka responded that the members of the monitoring committee can nominate any person they see fit and the secretariat will record the nominees. He added that process is the same however, EnviroServ is following the procedure set by the Department of Environmental Affairs.	
	<b>2. Re-election of the Chairperson and the Deputy Chairperson.</b>	
9.	Mr. Mlotshwa was nominated as the chairperson. He was the only candidate for the chairperson position. Mr. Errol Van Wyk and Ms. Brenda Francis were nominated for the deputy chairperson position.	
10.	Mr. Mlotshwa was re-elected as the chairperson of the Shongweni Monitoring Committee with ninety-three (93) votes.	
11.	Mr. Van Wyk had four (4) votes and Ms. Francis received ninety-two (92) votes. Subsequently, Ms. Francis was elected as the deputy chairperson.	
12.	Ms. Sithole handed over to the chairperson to proceed with the meeting.	
	<b>3. Minutes of the Previous Meeting: 6<sup>th</sup> of December 2018 (Thursday).</b>	
14.	Mr. Mlotshwa went through the minutes of the previous meeting held on the 6 <sup>th</sup> December 2018 (Thursday). The minutes of the meeting held on the 6 <sup>th</sup> December 2018 were moved by Mr. Mbongeni Linda and seconded by Mr. Musa Ngubane.	

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<b>4. Matters Arising from the Previous Meeting: 6<sup>th</sup> December 2018 (Thursday).</b>		
15.	Mr. Van Wyk referred to paragraph 44 on page 5 of 6, which reads, <i>“The chairman asked whether there was any member from DEA to report on the feedback.”</i> He then queried if any member from DEA was present. He then asked for the feedback.	
16.	Mr. Mahlangu (DEA) responded that the action can be added on the agenda for the next meeting since Department of Environmental Affairs has scheduled a meeting with EnviroServ for next week.	DEA
17.	Mr. Mlungisi Shozi referred to paragraph 47 on page 6 of 6 which reads, <i>“He stated that a suggestion was made to alternate the MC meetings in Kloof/Hillcrest so that all members are catered for. He further added that it seems that the MC members who raised this issue are not present therefore they are not able to motivate personally.”</i> He then stated that the MC Members who suggested to alternate the venue are present in today’s meeting hence the matter should be discussed.	
18.	Ms. Carlson responded that the concern was raised due to security reasons. She stated that there was some shooting that happened in the area sometime last year and it is for that reason many are afraid to attend the meetings at KwaLinda Hall.	
19.	She further stated that the meetings should be alternated to give everyone a chance since vast areas are affected by the stench from EnviroServ.	
20.	Mr. Vincent. Mkhize stated that every person has the right to choose the venue however, the MC members have collectively agreed to conduct the meetings at KwaLinda Hall. Additionally, this matter was resolved in the previous meeting.	
21.	Mr. Nkosie Mkhize responded by referring to paragraph 52 on page 6 of 6 which reads, <i>“Mr. Nkosie Mkhize stated that the decision of conducting MC meetings at KwaLinda hall in KwaNdengezi was taken by the MC members and we oblige to that.”</i> Paragraph 53 reads, <i>“Mr. Vincent Mkhize echoed the same sentiments and suggested that the individuals against this should come to the meeting and rose their concerns.”</i> He echoed the same sentiments with Mr. V. Mkhize as he stated that the matter was resolved in the previous meeting and the MC members have agreed to meet at KwaLinda Hall for the Shongweni MC meetings.	
22.	Mr. Taaka responded that there were no shootings that ever happened instead there were some political tensions in the area. He added that the scenario of intimidation Ms. Carlson referred to was at Shongweni Polo Club in June 2017 and not at KwaLinda Hall. He added that Mr. Mark Gordon suggested the change of venue and it was done.	
23.	Ms. Carlson then suggested that MC meetings should be convened at the EnviroServ landfill site.	
24.	Mr. Taaka referred to paragraph 50 on page 6 of 6 which reads, <i>“Mr. Taaka responded that EnviroServ is also a member of the MC meeting, it does not decide where the MC meeting should take place. He then stated that the MC members have decided where the MC meetings should happen therefore, EnviroServ obliges.”</i> He added that the agreement was made in the previous meeting (6 <sup>th</sup> of December 2019) and the venue shall be KwaLinda Hall.	

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	<b>5. Feedback on Improvement Plan</b>	
25.	Mr. Zondo from EnviroServ reported on the Improvement Plan for the Shongweni Landfill Site. He stated that he will report back on the Valley 2 active area, waste volumes, emissions, complaints, liquids (contaminated storm water & leachate) and the way forward.	
26.	With the aid of a photograph showing Valley 2, Mr. Zondo reported that EnviroServ placed a temporary cover on top of the landfill site to prevent the rain water infiltration and leachate production during the times when the site was inactive	
27.	. <p>He then stated that after receiving an authorization from DEA and schedule trade permit to resume with an operation a certain portion of a temporary liner was opened for daily operations. Mr. Zondo further depicted the active area.</p>	
28.	Mr. Zondo stated that EnviroServ has received the following waste volumes as of October 2018 to February 2019:	
29.	<ul style="list-style-type: none"> <li>▪ October 2018 –513 tons.</li> <li>▪ November 2018- 732 tons.</li> <li>▪ December 2018- 467 tons.</li> <li>▪ January 2019- 599 tons.</li> <li>▪ February 2019- 913 tons.</li> </ul>	
30.	Mr. Zondo stated that all these volumes are lower than the volumes EnviroServ used to receive before site closure.	
31.	He further stated that EnviroServ is working under strict conditions in order to monitor the emissions emanating from the site hence they have equipments installed within and outside the site for air quality monitoring <p>Mr Zondo then gave an update on the emmissions</p>	
32.		
33.	With the aid of a graph, Mr. Zondo illustrated hydrogen sulphides emissions from the site as recorded by Gate /Leachate Treatment Plant monitor. He stated that the H2S emissions are strongly dependent on pH of the site. He also mentioned that when the Ph of site is low H2S emissions will be high, therefore it is crucial to keep the ph high at all times. <p>He added that by implementing all the recommendations as per the engineers and keeping the Ph of the site high there are significant improvements (&gt;86 %) on the emissions.</p>	

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34.	Mr. Zondo stated that the emissions have remained fairly low as from October 2018 to present when EnviroServ started to dispose t waste.	
35.	With the aid of a graph, Mr. Zondo reported that EnviroServ also monitored the emissions trends using H <sub>2</sub> SUS EPA approved monitor located in valley 2. He reported that the H <sub>2</sub> S results clearly show that emissions coming from the site have improved.	
36.	Mr. Zondo further stated that emissions were also measured in Winston Park since many complaints were recorded in the area. He stated that the results further confirm that the emissions are being controlled.	
37.	Mr. Zondo then reported on the Sulphur dioxide (SO <sub>2</sub> ) readings using the Valley 2 US EPA approved and Total Reduced Sulphur (TRS) monitor. He stated that the SO <sub>2</sub> that emanates from the site are within the acceptable levels. He further stated that SO <sub>2</sub> levels were also monitored in Winston Park using US EPA approved monitor and the results show that the emissions are within acceptable levels.	
38.	With the aid of a graph, Mr. Zondo reported on the trends of complaints from March 2016 to date. The results clearly show that the number of complaints has reduced.	
39.	Mr. Zondo then reported on the liquid management of contaminated stormwater	
40.	Mr. Zondo further stated that EnviroServ is authorized to send treated contaminated stormwater to the Southern Waste Water Treatment Works (SWWTW). Mr. Zondo then depicted the dams in valley 1 and 2. According to the data presented valley 1 dam level is seven thousand seven hundred and sixty-nine cubic metres (7 769m <sup>3</sup> ) i.e. 51% full and valley 2 dam level is four thousand six hundred and seventeen cubic metres (4 617 m <sup>3</sup> ) i.e. 39% full.	
41.	<p>Mr. Zondo then reported on the liquid management of leachate.</p> <p>He stated that temporary cover has reduced rain water infiltration and leachate production. He then stated that the leachate production per day has reduced from previously when the site was not covered. Mr. Zondo stated that the leachate production per day is 31.7m<sup>3</sup>.</p> <p>He stated that EnviroServ has five thousand one hundred and forty-seven cubic metres (5 147m<sup>3</sup>) of leachate to be treated on site. He further reported that EnviroServ has a leachate treatment plant on site to deal with leachate generated. With the aid of a graph, Mr. Zondo indicated that the leachate quality has improved. He added that the results show that the methanogenesis process has improved due to the increase of methane concentrations in landfill gas prior to flaring</p>	
42.	Mr. Zondo then reported on the way forward. He stated that EnviroServ will continue to accept waste in accordance with Minister of Environmental Affairs decision. In addition, EnviroServ will continue to monitor emissions and report accordingly.	
43.	He then stated that EnviroServ has received an authorization to install a permanent system for the gas extraction and flaring. However, EnviroServ will continue with gas extraction and flaring using trial unit	

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	until permanent system gets commissioned.	
	Mr. Zondo further stated that EnviroServ has applied for the renewal of a Schedule Trade Permit which expires on 27 March 2019	
44.	Mr. Van Wyk queried the types of municipal waste received at the active area. He also asked the types of waste and volumes that have been received at the site.	
45.	Mr. Van Wyk mentioned that he saw a truck from Drizit Environmental offloading asbestos at the site and then queried the process of handling the asbestos waste.	
	Mr. Taaka responded that EnviroServ will respond accordingly in the next meeting. As for the matter of asbestos, he stated that EnviroServ will respond in the next meeting or will send a response to Mr. Van Wyk through the secretariat after proper investigations.	EnviroServ
46.	Mr. Van Wyk then queried the Schedule Trade Permit (STP) renewal process.  Mr Linda queried about the level of the security onsite as it was indicated previously that there was a challenge with scavenging.	
	Mr Zondo reported that the security is intense onsite, EnviroServ has also introduced dog units which is visible 24hrs a day and they work hand in hand with SAPS.	
47.	Mr. Larrat responded that the STP will follow the same process as it will be advertised in the newspaper for comment.	
48.	In conclusion, Mr. Van Wyk acknowledged that the stormwater has improved	
	<b>6. Date of Next Meeting:</b>	
49.	To be confirmed.	