

[illegible]

Zairani

Mortul

Date	Collected		Sorted		Cardboard		Glass		Metals		Organic (food & green waste)		Composite packaging (tins, paper)		e-waste (computers, electrical appliances, batteries, globes)		Household hazardous waste (Nails, paint, medicine, etc)		Nappies, sanitary towels & condoms		Other (wipers, chips, packets, foil, cling wrap, etc)		Total
	Address of origin	Description (Black/Clear/Blue)	unsorted mass (kg)	Plastic (tall)	Plastic (dents)	Paper	Mass (kg)	Vol (%)	Mass (kg)	Vol (%)	Mass (kg)	Vol (%)	Mass (kg)	Vol (%)	Mass (kg)	Vol (%)	Mass (kg)	Vol (%)	Mass (kg)	Vol (%)	Mass (kg)	Vol (%)	
1			5.40	75	75	75	0.36	10			2.38	75	0.10	15	0.42	18					0.46	20	
2			2.46	75	75	75	0.20	25			1.06	50	0.08	35									
3			2.46	75	75	75	0.20	25			1.06	50	0.08	35									
4			1.90	75	75	75	0.34	75			0.90	25	0.04	10	0.46	25					0.46	15	
5			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
6			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
7			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
8			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
9			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
10			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
11			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
12			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
13			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
14			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
15			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
16			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
17			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
18			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
19			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
20			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
21			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
22			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
23			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
24			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
25			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
26			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
27			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
28			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
29			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
30			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
31			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
32			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
33			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
34			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
35			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
36			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
37			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
38			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
39			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
40			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
41			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
42			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
43			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
44			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
45			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
46			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
47			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
48			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
49			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
50			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
51			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
52			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
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54			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
55			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
56			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
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58			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
59			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
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61			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
62			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
63			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
64			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
65			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
66			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
67			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
68			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
69			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
70			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
71			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
72			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
73			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
74			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
75			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
76			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
77			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
78			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
79			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
80			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
81			3.40	75	75	75	0.36	10			2.38	75	0.10	15									
82			3.40	75	75	75	0.36	10			2.38	75	0.10	15									

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Appendix D. Public Participation Documents



COMMUNITY MEETING NOTICE

In accordance with the National Environmental Management: Waste Act, 2008, the Municipality plans to embark on a Public Participation Process for the 3rd Generation Integrated Waste Management Plan, which requires community engagements regarding waste management, in the form of meetings with communities who reside in the five main towns of the municipality.

The Langeberg Municipality encourages participatory democracy and invites all members of the public to attend our 3rd Generation Integrated Waste Management Plan Public Participation Meetings

GEMEENSKAPSVERGADERING KENNISGEWING

In ooreenstemming met die Wet op Nasionale Omgewingsbestuur: Afval Wet, 2008, beplan die Munisipaliteit om te begin met 'n openbare deelnameproses vir die 3de Generasie Geïntegreerde afvalbestuursplan, wat gemeenskapsbetrokkenheid vereis met betrekking tot afvalbestuur, in die vorm van publieke vergaderings met die gemeenskaplede wat in die munisipale area woon.

Die Langeberg Munisipaliteit moedig demokrasie deelname aan en nooi alle lede van die publiek om ons 3de Generasie Geïntegreerde afvalbestuursplan vergaderings by te woon.

SA MOKWENI
MUNICIPAL MANAGER/ MUNISIPALE BESTUURDER
Municipal Office/ Langeberg Munisipaliteit

Private Bag X2/ Privaatsak X2
ASHTON
6715

Date / Datum	Town /Dorp	Time /Tyd	Venue / Plek
06 March/ Maart 2017	Robertson	19:00	Robertson Town Hall / Stadsaal
07 March / Maart 2017	Ashton	19:00	Ashton Town Hall / Stadsaal
08 March / Maart 2017	Bonnievale	19:00	Chris v Zyl Hall / Saal
09 March / Maart 2017	Montagu	19:00	Wilhelm Thys Hall / Saal
13 March / Maart 2017	McGregor	19:00	McGregor Community Hall / Gemeenskapsaal

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6 March 2017

19:00

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Waste Management Survey Questionnaire



Municipality Langeberg Local Municipality
Location Robertson Town Hall, Robertson

Date of meeting 6 March 2017
Time of meeting 19:00

Details of respondent

Name of respondent: G. Isaiah

Tel no: 0236264876

Resident/
Department/
Company:

Cell no:

Designation:

Email:

Address: Jansen Street 108 Unit BR.15 ROBERTSON 6705

ITEM	TITLE
A.	General list of gaps & needs identified
1.	Stort van Huishoudelike Afval by knip - Skip.
2.	Die keegmaak van Huishoudelike Bin is Stordige.
3.	Die mors van huishoudelike afval van Kobktering.
4.	
5.	
6.	
7.	
B.	Priority list of gaps & needs identified
	Please provide reasons why these gaps and needs have been identified and prioritised. Please outline the consequences/impacts these current gaps and needs are having on waste management in the municipality.
1	Reason: Die Wind waai alle afval by skip na Straatshuise Impact: Verhoorsaak dat Straat en tuine morsig is.
2.	Reason Die Kobktering van Afval in Straate Verhoorsaak Kieme. Impact in Gesondheids Risiko

Robertson PPP Meeting 6/03/2017

- Illegal dumping
- skips for garden waste not used for
- no regulation
- need installation
- waste collection system dropping waste on street
- cleaning of streets in certain areas = dirty
- communication issue between councillor & service
 - signs to warn people
- take photos of people who are guilty
- Beattie street & Main street ↙ Winkel
- waste being thrown out of wheelie bins into skips.
- swap shop pilot in poorer areas

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Time of meeting 19:00

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8 March 2017

19:00

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9 March 2017

19:00

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Attendance Register

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MACDONALD

Subject: Langeberg Local Municipality: 3rd Generation Integrated Waste Management Plan: Internal Stakeholder Meeting

Date of meeting 13 March 2017

Location McGregor Community Hall

Time of meeting 19:00

NAME	COMPANY/ DEPARTMENT/ INSTITUTION	JOB DESIGNATION	TELEPHONE NUMBER	EMAIL ADDRESS	SIGNATURE
H. K. K. K. K.	Ward Comm.	—	0236251806	bettyknapp@telkom.net	<i>[Signature]</i>
D. ZELER	WARD COMM	—			
K. ISAKS	WARD COMM	—	0712240629	whitman@4@prol.com	<i>[Signature]</i>
DAVID ESM		—	071480680		<i>[Signature]</i>
Johannes May		—	07165009576	LOOKST.17, MCGREGOR	<i>[Signature]</i>
J. Leroy J.		—	0765009576	LOOKST.17, MCGREGOR	<i>[Signature]</i>
P. LEAY		—	—	LOOKST.17, MCGREGOR	<i>[Signature]</i>
E. Brendoff		—	—	LOOKST.17, MCGREGOR	<i>[Signature]</i>
H. Zander		—	—	LOOKST.17, MCGREGOR	<i>[Signature]</i>
E. E. Ciole	—	—	—	LOOKST.17, MCGREGOR	<i>[Signature]</i>
M. W. J. J. J.	—	—	—	LOOKST.17, MCGREGOR	<i>[Signature]</i>
CH. STOKER	—	—	—	LOOKST.17, MCGREGOR	<i>[Signature]</i>
P. Simons	—	—	—	LOOKST.17, MCGREGOR	<i>[Signature]</i>
W. K. J. J. J.	—	—	—	LOOKST.17, MCGREGOR	<i>[Signature]</i>
J. Brendoff	—	—	—	LOOKST.17, MCGREGOR	<i>[Signature]</i>
J. S. Munnik	KLEIN BOER	SASA	0724980105 0839805150	Pietoktober Singel Pietoktober Singel	<i>[Signature]</i>

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Waste Management Survey Questionnaire

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Municipality Langeberg Local Municipality

Date of meeting 13 March 2017

Location McGregor Community Hall, McGregor

Time of meeting 19:00

Details of respondent

Name of respondent:

Tel no:

Resident/
Department/
Company:

Cell no:

Designation:

Email:

Address:

NB - In future forms must be in Afrikaans
Get recyclables information from Glem

ITEM	TITLE
A.	General list of gaps & needs identified
1.	- Littering is an issue
2.	- Need a buy back centre to prevent recycling issue - swap shop
3.	- Beu rommel needs to be monitored
4.	- Municipality can come fetch material when volume is sufficient
5.	- Low enforcement + fines - police get involved
6.	- Must be driven by community
7.	- Need municipality needs to clean Sunday & Sunday
B.	Priority list of gaps & needs identified
	Please provide reasons why these gaps and needs have been identified and prioritised. Please outline the consequences/impacts these current gaps and needs are having on waste management in the municipality.
1	Reason: - Storage place
	Impact: - Langeberg is willing to help swap shops start
2.	Reason people must be willing to approach them & start - Need more interaction & working with the community
	Impact - Need to identify who can collect waste recyclables & form a sizable volume for collection

- Need carts / trolley to move waste.
- Form teams

Waste Management Survey Questionnaire

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3.	Reason: - Option of looking at not collecting recyclables from McGregor & maybe outsourcing or getting local contractor to do it.	from contractor
	Impact: - Area where there is bottles, plastic & papers lie around.	
4.	Reason: - People not working hard. Street cleaning - complaints	complaints
	Impact: - Kamp area has a lot of waste. Lots of waste in the new area.	
5.	Reason:	
	Impact:	
6.	Reason:	
	Impact:	
7.	Reason:	
	Impact:	

Appendix E. DEA&DP Comments Registers

No.	Clause (Indicate clause/ regulation Number)	Comment (State why the clause/regulation or proposed amendment is not supported or what the problem is with the provision)	Suggestion (Suggested deletion/amendment/ addition)	Ammendment Acton												
		WMF – Waste Management Facility														
1	General comment	Please note the difference between the two. WMF refers to all facilities i.e. RTS, MRF, WDF, Drop-off facility, etc. Example: refer to list of facilities, Section 6.4.9 Waste Management Infrastructure	Please correct throughout the report	Corrected												
2	General comment	Please refer to Schedule 3 (Section 80) "Defined Wastes" of NEMWA for the correct terms and	Please correct throughout the report	Corrected builders' rubble to building and demolition waste and garden greens												
3	Page ii, 4.1 Legislation, paragraph 1, line 2	The sentence reads as follow: However, it to improve with respect to the following:	However, it must improve with respect to the following:													
4	Page ii, 4.2 Demographics, paragraph 1, line 1	The sentence reads as follow: Overall LLM experienced a population growth between 2001 and 2011 of approximately 1.79% per annum (Stats SA, 2011).	Using the same Stats SA data, between 2001 and 2011, the population growth rate calculated and included in the 2nd generation WC IWMP Status Quo Report is 1.9%. Please verify and confirm the figure of 1.79%.	According to Stats SA it is 1.79% p.a												
5	Page ii, 4.2 Demographics, paragraph 1, line 3	Assuming the same level of growth (1.79% p.a.) as the period 2001 to 2011, the 2016 figure should be approximately 106 792 people living in approximately 27 477 households.	Please check this figure against Table 14 of the Western Cape Population Projections 2011 - 2040 Report Final Updated which has the figure at 102,472 for 2016 and has projections until 2040.	Corrected to match Department of Social Development (2015) figures which have been used in IDP as well												
6	Page iii, 4.2 Demographics, paragraph 2, line	The distribution of income levels according to population is shown in.	The sentence is incomplete, please complete	Removed												
7	Page iv, 4.2 Demographics, 4 th paragraph, 2 nd	The main of transport for waste collection services is via road transportation	Please rephrased the sentence.	The main mode of transport for waste collection services is via the road networks												
8	Page v, 4.4.1 Organizational Structure and	In addition to the supervisors, there are team leaders for each of the transfer stations	Please indicate/list the names of these transfer	Corrected to: "In addition to the supervisors, there are team leaders for the Ashton,												
9	Page v, 4.4.1 Organizational Structure and	"Skips are also provided for garden waste in open residential areas."	Please rephrased the sentence.	Corrected to: "Skips for garden waste are provided in all towns and are placed in												
10	Page vi, 4.4.1 Organizational Structure and Responsibilities, paragraph 2, line 4&5	Clear bags are provided to the main town areas in each town for the collection of recyclables. These are then taken to the Ashton MRF.	Please expand on flow of recyclables from Ashton MRF to markets or recycling companies?	Corrected to: "The recyclables are then taken to the Ashton MRF and sold to private recycling companies."												
11	Page vi, 4.4.1 Organizational Structure and	"Skip containers are provided to the townships of Zolani and Nqubela in open spaces for	Please rephrased the sentence.	Sentence was changed to "Skips for garden waste are provided in all towns and are												
12	Page vii, 4.4.1 Organizational Structure and Responsibilities, paragraph 1, line 3,4&5 should only refer to the 3 rd sentence	The sentence reads as follow: Ashton will soon do the same when the Ashton Transfer Station becomes operational in a few months.	Please state estimated operational date e.g. January 2017	Ashton will soon do the same when the Ashton Transfer Station becomes operational in February 2017												
13	Page vii, 4.4.1 Organizational Structure and Responsibilities, paragraph 1, line 5 (4 th)	The sentence reads as follow: Bonnievale will also have its own transfer station in the future.	Please state estimated project or operational date e.g. January 2018	Bonnievale will also have its own drop off facility in June 2017												
14	Page vii, 4.4.1 Organizational Structure and	No operational issues were mentioned but many of the vehicles are much older than the	Please state the size of the fleet and thereafter	Corrected to: "No operational issues were mentioned but 23 of the 34 vehicles in the												
15	Page vii, 4.4.1 Organizational Structure and	Most of the fleet is old and will need to be replaced in order to realise savings.	Please state the size of the fleet and how many	Corrected to: "At least 23 of the 34 vehicles within the fleet will need to be replaced in												
16	Page viii, 4.4.2 Waste Management Facilities, 1 st paragraph, 3 rd bullet	"Ashton Transfer Station (Recently completed)"	Please be more specific wrt when these facilities will be rehabilitated and don't just indicate soon.	Changed to: "Ashton Transfer Station (operational in February 2017)."												
17	Page viii, 4.4.2 Waste Management Facilities,	"The list above excludes the soon to be constructed Bonnievale drop off facility."	Please refrain from using the word "soon". Be	Changed to : "The list above excludes the Bonnievale drop off facility which will be												
18	Page viii, 4.4.2 Waste Management Facilities,	"All operational facilities are open, six days per week."	Please indicate if these facilities are manned on	Changed to: "All operational facilities are open and manned six days per week,												
19	Page viii, 4.4.3 Minimisation, Reuse and	"Tedcor (Youth in Waste) door to door campaign."	Please indicate what does this door to door	Changed to: "• Tedcor (Youth in Waste) door to door campaign - The main aim of the												
20	Page ix, 4.5 Economics and financing, 2 nd	"In total LLM has budgeted for 2016/17 is approximately R 38 million."	Please rephrased the sentence.	Corrected to: "LLM Solid Waste Management has been allocated a total budget of R38												
22	paragraph, 1 st sentence	"Currently LLM does not have any waste legislation and so cannot deal penalties or fines or properly enforce or prosecute any persons solid waste legislation."	Please reward parts of this sentence.	Corrected to: "Currently LLM has an outdated by-law that does not make provision for the enforcement or prosecution of any persons or parties that are guilty of littering,												
24	Page 5, 4 Terms of Reference, 2 nd	The sentence reads as follow:	Please include the TOR as per the contract and don't just refer to Section 12 of the Waste Act which refer to the minimum requirements for the development of an IWMP. Please include this as Annexure A in the IWMP.	Amended - includes TOR reference to the DEA&DP IWMP Guideline Template												
25	paragraph, 1 st sentence	"In response to Contract: 42/2015, Mott MacDonald Africa (Pty) Ltd was appointed by the LLM for the provisioning of professional services in developing the 3 rd generation IWMP for the Langeberg Municipality."	Please rephrased the sentence by referring to													
26	Page 9, 5.2, Industry Waste Management Plans, 1 st Paragraph, 2 nd Sentence	"The Department of Environmental Affairs has released a report titled: Generic Guideline Document for Preparing Industry Waste Management Plans (Draft, March 2010). Mandatory plans are currently being developed for the following areas:	"The Department of Environmental Affairs &	Corrected												
27	Page 9, 5.2, Industry Waste Management Plans, Paragraph 3	These Industry Waste Management Plans have however been withdrawn through government	Please add Electrical and Electronic Equipment Industry to this list.	Corrected												
28	Page 13, 5.4.2 Phase 2: Situational Analysis,	"The Western cape Integrated Waste Management Plan"	Please refer to the WCIWMP as the "1 st	Corrected												
29	Page 15, 5.5.4 Strategic Objectives, 5.5.4.5 (National Outcomes)	The sentence reads as follow: What are the National Outcomes in the first column? Are these not the same at the NDP	The sentence should reads as follow:	Part of Medium Term Strategic Framework. Heading of column in table rephrased as:												
33	Page 27, 6, Situational Analysis, 1 st paragraph,	The sentence reads as follow:	The sentence should reads as follow:													
35	Page 30, 6.1.1.2 National Environmental	The sentence reads as follow:	The sentence should reads as follow:													
36	Page 31, 6.1.1.3 National Environmental Management: Waste Act 2008, 1 st paragraph	"The major amendments to the National Environmental Management: Waste Act, 2008 included in the Amendment Act are the changes to basic definitions such as waste and the involvement	Please indicate specifically if you refer to the "Department of Environmental Affairs (DEA) or	Corrected												
38	Page 32, 6.1.1.5 & 6.1.1 National Environmental Management Act, Paragraph 2, line 1	The sentence reads as follow: authorisation through different processes. In reference to the Environmental Conservation Act, 1989, (ECA) it is stated:	The sentence should reads as follow:													
40	Page, 51, Table 6.1: Current Level of Implementation	As part of the National Department of Environmental Affairs (DEA) initiative to licence all Closure licences are currently underway for these facilities. Closure report stating the closure	Please note that licensing of waste management facilities is in terms of the NEM: WA. The aforementioned description should thus be included under the NEM:WA and not the ECA.	Changed to: "LLM does clean ups of illegal dumping as and when reported by residents but greater enforcement and prosecution of offenders is needed."												
	Table 6.3	The projected population indicated in the IDP Review document is 106 016 people by 2020	The same figure must be used in the IDP and the Moses.Mlangeni@westerncape.gov.za for more details.	Corrected to match Department of Social Development (2015) figures which have												
43	Page 55, Table 6.4 & 6.5, Income level definition & Income levels and distribution	<table><tr><td colspan="3">The DEA&DP is currently using Annual Household Income data from the Western Cape Provincial</td></tr><tr><td>Low income</td><td>R0 - R50 613</td><td>57%</td></tr><tr><td>Middle income</td><td>R50 614 - R404 901</td><td>38%</td></tr><tr><td>High income</td><td>R404 902 - R3 239 207 or more</td><td>5%</td></tr></table>	The DEA&DP is currently using Annual Household Income data from the Western Cape Provincial			Low income	R0 - R50 613	57%	Middle income	R50 614 - R404 901	38%	High income	R404 902 - R3 239 207 or more	5%		
The DEA&DP is currently using Annual Household Income data from the Western Cape Provincial																
Low income	R0 - R50 613	57%														
Middle income	R50 614 - R404 901	38%														
High income	R404 902 - R3 239 207 or more	5%														

44	Page 59, Section 6.2.5 Economic Activities	MERO (final, 9 October 2015)	Situational Analysis	Please double check the percentages for the three sectors indicated in the MERO report. What is the purpose for the second graph?	Corrected	
		Agriculture, forestry and fishing	18.3			18
		Manufacturing	31.6			29
		Construction	3.1			3
		Commercial services	34.6			36
		General government and Community, social and personal services	11.9			13
		Other	0.7			1
45	Page 62, Section 6.3.2.1 Definition of general, hazardous and industry waste	"...(e) any waste classified as non-hazardous waste in terms of the regulations made under and includes non-hazardous substances, materials or objects within business, domestic, inert, The definition for "Hazardous waste" in the Amendment Waste Act (26 of 2014) includes the	The definitions provided in the Situational Analysis are therefore incomplete.	Corrected		
46		"...and includes hazardous substances, materials or objects within business waste, residue				
49	Page 65, Section 6.3.2.2 Domestic waste, 1 st sentence	"...which include:..." as defined in the Amendment Act.	Use the definition as defined in the Amendment Act.	Corrected		
50	Page 67, Section 6.3.2.5 Tyre waste, 2 nd paragraph	Regulation 4 of the Waste Tyre Regulations (2009 including the 11 August 2016 Amendment) reads "General prohibitions 4. No person may - (a) manage waste tyres in a manner which does not comply with these Regulations; (b) recycle, recover or dispose of a waste tyre, or knowingly or negligently cause or permit a (c) recover or dispose of a waste tyre in a manner that is likely to cause pollution of the (d) dispose of a waste tyre at a waste disposal facility."	The Regulations need to be quoted properly.	New 2016 regulation has been included		
51	Page 69, Section 6.3.2.7 Abattoir waste	Please indicate if the abattoir waste accepted at the Ashton WDF is infectious or non-infectious. Also please confirm if the waste is covered with slaked or hydrated lime. Please provide the	Please provide the tonnages for all waste types (streams) discussed under this main heading.	Waste is being processed at abattoir plant in Robertson. Makes use of compost from Robertson composting plant. Separate private operation.		
52	Page 69, Section 6.3.2.11 Sewage sludge waste	If possible, could you please provide sludge quantities? Are all sludge used for agricultural applications?		Corrected. Obtaining information for inclusion in the final report		
53	Page 70, 6.3.2.12 Health care risk waste, 1 st paragraph, 1 st sentence	The sentence reads as follow: "Waste from health care facilities can be categorised as health care general waste (HCGW) and	Please do not refer to general waste generated at Healthcare Risk Waste facilities as health care	All reference to HCGW removed from section		
54	Page 71, 6.3.2.12 Health care risk waste	Please indicate if all these HCRW facilities are registered on the provincial Integrated Pollutant and Waste Information System (IPWIS) and if so do they report on a monthly basis to the system.		Obtained information		
55	Page 71, 6.3.2.13 Other Hazardous waste	Its impossible to made such a statement that no hazardous waste was observed during the visits.	Please conduct a survey of all industries and determine what waste streams are produced after their production processes.	Add info on processes - agricultural farm locations		
	6.3.5.1 Current Waste Generation, 2nd last paragraph, line 2	This is not shown in the list of acronyms.	Please add and define.	Changed to 1st Generation WCIWMP and has been added to acronyms list		
	6.3.5.2 Future Waste Management and Airspace Requirements, Table 6.14	Please refer to the waste generation tonnages. When using the growth rate of 1.79% it does not correlate with the projected tonnages.	Please rectify.	Waste growth rate removed to simplify calculations		
	6.4.1 Organisational Structure, 1st paragraph	Please indicate if the municipality has a designated Waste Management Officer		Changed to include: "Currently, the role of Waste Management Officer is fulfilled by the LLM Solid Waste Manager."		
	6.4.6 Waste Collection Services	Section 6.4.6 "Waste Collection Services" can be placed under Section 6.4.2 "Collection and	Please amend.	Moved as suggested		
61	Page 88, Section 6.4.9.1 Ashton WDF, 2 nd paragraph, 2 nd last sentence	Reads "...Worcester Regional Transfer Station (WRTS)..."	Please note that this facility is a regional waste disposal facility.	Corrected to Worcester Regional Waste Disposal Facility (WRWDF)		

Corrections to DEA&DP Comments on Draft LLM IWMP

No.	Section No.	Section Heading	Comment	Correction
1	2	Strategic Linkages	There is no alignment with the 2nd generation Western Cape IWMP, which could be due to the fact that the WC IWMP was in draft form during the drafting of the IWMP report, however this could have been mentioned by the Municipality.	Included in section 5.5.4.6
2	4.3	Waste Management Cost and Financing	The estimated costs are not for infrastructure required to meet the 20% diversion target but for the rehabilitation and closure of the WDFs. The Municipality needs to correct the statement on this page.	Corrected to: "The cost requirement for the rehabilitation and closure of the WDFs as no further infrastructure is required to meet the 20% diversion. It is estimated that the closure and rehabilitation costs for Ashton WDF and Bonnievale WDF will be R18 million and R12.5 million respectively."
3	4.3	Waste Management Cost and Financing	There is no title for Table 6-37 on page 104 for the 2016/17 financial year.	Heading changed to: Solid Waste Collection Services for Households and Businesses Tariff
4	4.4	Services and Service Delivery	The backlog for informal households is 150, however there is no indication how this will be remedied.	Included in section 11.4 as part of the provision of wheelie bins project: "It is envisaged that part of the roll out of wheelie bins will cater for the current backlog of 150 households that are not serviced."
5	4.9 10	Waste Awareness and Education Conclusions and Recommendations	The Municipality needs to focus awareness and education campaigns on all aspects of integrated waste management. The campaign needs to focus on for example, illegal dumping awareness, provision of household hazardous waste receptacles at transfer stations, etc. Illegal dumping awareness should also be addressed by considering various options such as- - The erection of illegal dumping signboards with contact details to report illegal dumping and signboards indicating the nearest dropoff facility could be included in order to discourage illegal dumping. - Informing the farmers that disposal of their waste on their properties is illegal and the Municipality should engage the farmers with the aim of implementing alternative options for disposal of their waste.	Included as part of section 11.7: "The campaigns should focus on all aspects of integrated waste management including but not limited to collections, reuse, recycling, composting, farm waste, WMFs and WDFs, littering, waste streams, disposal, illegal dumping, enforcement, and general solid waste management. Sign boards for illegal dumping and relevant contact information have already been provided in lower income areas where it has been cited as an issue. Part of the initiative should include engagement with local farmer forums to discuss suitable waste collection options that will prevent illegal backyard dumping of waste."
6	4.1	Waste Information Management	The draft report also mentions the quarterly reporting on compliance with the National Waste Management Strategy on page 10, bullet point two, which is under section 5.3. Quarterly reporting done by municipalities currently is through IPWIS in compliance with the Waste Information Regulations. The Municipality needs to clarify this reference to the NWMS.	Corrected to: "To report every quarter is done through the Integrated Pollutant and Waste Information System (IPWIS) has waste reporting in terms of the National Waste Information Regulations (WIS) for Level 1, Level 2 and Level 3."
7	6	Goals Objectives and Targets	... the Municipality needs to ensure alignment of its goals with the 2nd generation WC IWMP.	This has now been acknowledged and included in section 10 as follows: "For the purposes of this report the NWMS has been used but it is acknowledged that the 2nd generation WCIWMP aligns with the NWMS. As the 2nd generation WCIWMP was received after the draft report was compiled, thus time constraints have not allowed for directly aligning this IWMP in terms of the 2nd generation WCIWMP in this report. However, cognisance of this relationship between the NWMS and the 2nd generation WCIWMP has been developed in the table that follows. The reader should keep this in mind when reading the sections that follow."
8	7	Implementation	This needs to however be aligned with the new second generation WC IWMP	Addressed by the correction above
9	10	Conclusions and Recommendations	The municipality must conduct an assessment of the hazardous waste generated within the municipality and thereafter develop a strategy for its appropriate management.	
10	10	Conclusions and Recommendations	In some sections of the IWMP, it was stated that hazardous waste must be managed in accordance with DWAF's Minimum Requirements for Handling, Classification and Disposal of Hazardous Waste. Please be informed that the Waste Classification and Management Regulations in GN No. R. 634 of 23 August 2013, must also be implemented in the IWMP.	Corrected in section 6.3.2.2 to include as follows: "Hazardous waste must be managed in accordance with DWAF's Minimum Requirements for the Handling, Classification and Disposal of Hazardous Waste and the Waste Classification and Management Regulations in GN No. R. 634 of 23 August 2013."
11	10	Conclusions and Recommendations	Tariff column headings are incorrect because the values excluding VAT are higher than those values including VAT and the column headings should be swapped (Table: 6-36).	Corrected. Headings were swapped