VOTE 11

DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT

Infrastructure Amount to be appropriated by Vote: R19 454 000

Responsible MEC:

Administering Department:

MEC for Agriculture and Rural Development

Department of Agriculture and Rural Development

Accounting Officer: Head of Department

1. STRATEGIC OVERVIEW OF INFRASTRUCTURE PROGRAMME

Strategic overview

The Department of Agricultural and Rural Development derives its strategic direction and operations from the strategic path of National Government to achieve effective service delivery to the people of Gauteng. It seeks to deliver its mandate in partnership with other departments in the Gauteng Province and key stakeholders promoting vibrant, equitable and sustainable rural communities and food security for all (Outcome 7), as well as protected and enhanced environmental assets and natural resources (Outcome 10).

Nature Conservation implements infrastructure development and maintenance projects in order to support implementation of Outcome 10 with Output 4: Protected Ecosystem and Species being the key focus area. Key to biodiversity protection is the creation and sustenance of a system of protected areas. These are clearly demarcated geographic areas that require infrastructure as per set norms and standards namely protected area norms and standards.

The infrastructure includes bulk infrastructure to service buildings and people staying at the nature reserve, visitor facilities to facilitate tourism into the protected areas, buildings to facilitate environmental education and awareness. Protected areas/ nature reserves are expected to contribute to the local economic development in order to alleviate poverty as this is part of the key output of the provincial government. The department, through its various developmental programmes, seeks to address issues of poverty and job creation in line with the priorities of the National Government.

Core functions

As part of its mandate to protect and enhance environmental assets and natural resources under Outcome 10, the department receives an allocation for infrastructure projects for the management of the nature reserves, of which the following are under the management of the department:

- Suikerbosrand Nature Reserve in the Sedibeng District Municipality;
- Alice Glockner- Sedibeng District Municipality;
- Marievale Nature Reserve in Ekurhuleni Metropolitan Municipality;
- Leeuwfontein in Tshwane Metropolitan Municipality;
- Abe Bailey Reserve in Merafong Municipality in the West Rand District Municipality; and
- Roodeplaat in Tshwane Metropolitan Municipality.

Legislative mandate

The department's mandate is derived from Sections 24 and 27, and Schedules 4 and 5 of the Constitution of the Republic of South Africa, 1996 (Act No. 108 of 1996) with regard to ensuring an environment that positively supports the human wellbeing and conservation of environment, provision of sufficient food and water, animal control and diseases, provision of abattoirs management and provision of veterinary service in the province.

National legislation

The infrastructure programme is supported by the following legislation:

- Fertilisers, Farm Feed, Agricultural and Stock Remedies Act, 1947, (Act 36 of 1947);
- Agricultural Products Standards Act, 1990 (Act 199 of 1990);
- Disaster Management Act, 2002 (Act 57 of 2002);
- Conservation of Agricultural Resources Act, 1983 (Act 43 of 1983);
- Environment Conservation Act, 1989 (Act 73 of 1989), as amended;
- Environmental Impact Assessment Regulations (Regulations 1182 and 1183), 1997 as amended;
- Environmental Impact Assessment Regulations 2010;
- National Environment Management Act, 1998 (Act 107 of 1998), as amended;

Provincial legislation

- Nature Conservation Ordinance, 1983;
- Noise Control Regulations, 1999;
- National and provincial policy and guidelines;
- Land Care guidelines;
- Expanded Public Works Programme (EPWP) guidelines;
- Community Based Natural Resource Management (CBNRM) guidelines;
- The Gauteng Strategy for Sustainable Development (GSSD July 2007);
- The Draft Gauteng Rural Development Strategy;
- The Draft Gauteng Clean and Green Campaign Strategy;
- The New Nature Conservation Bill is being drafted internally.

2. FUNDING OF INFRASTRUCTURE

Table 1 shows the infrastructure allocations for the current financial year and the 2014 Medium Term Expenditure Framework (MTEF). Over the 2014 MTEF, R53.9 million is allocated to address infrastructure requirements at various institutions. The budget increases from R7.4 million in 2013/14 to R19.4 million in 2014/15 mainly due to the nature of the projects that will be executed at Suikerbosrand Nature Reserve e.g. Southern Waterline and Northern Waterline projects.

Table 1: Summary of Infrastructure Payments and Estimates by Category

	2013	3/14	2014/15	2015/16	2016/17
		Adjusted			
R thousand	Main Appropriation	Appropriation	ı	Aedium Term Estimate	s
New Infrastructure	4 056	2 000	108	-	3 000
Existing Infrastructure	3 350	5 406	19 346	16 776	14 665
Upgrading and Additions	500	1 114	11 792	10 454	150
Rehabilitation and Refurbishment	100	2 792	4 350	5 322	10 850
Maintenance and Repairs	2 750	1 500	3 204	1 000	3 665
Total	7 406	7 406	19 454	16 776	17 665

Over the 2014 MTEF there is a maginal decrease in the infrastructure programme. The rehabilitation and refurbishment budgets is mainly to keep the infrastructure in a functional state within the nature reserves which will positively impact on the attraction of visitor numbers to the nature reserves and therefore creates improved environmental education awareness amongst members of the general public.

Table 2: Summary of Infrastructure Payments and Estimates by Source of Funding

	2013	3/14	2014/15	2015/16	2016/17
	Main	Adjusted			
R thousand	Appropriation	Appropriation	M	ledium Term Estimate	es
PROVINCIAL ALLOCATION	7 406	7 406	17 000	16 776	17 665
Provincial Earmarked : Infrastructure	7 406	7 406	17 000	16 776	17 665
Expanded Public Works Programme Incentive Grant	-	-	2 454	-	-
Total	7 406	7 406	19 454	16 776	17 665

Table 2 indicates that the department is funded through the Provincial Equitable Share and the Expanded Public Works Programme (EPWP) Incentive Grant. The allocation takes into consideration upgrading that will take place in 2014/15 where the main focus is on refurbishment of existing infrastructure with less focus on the construction of new infrastructure.

3. REVIEW OF THE 2013/14 FINANCIAL YEAR

In the 2013/14 financial year a budget of R7.4 million was allocated. The following projects were completed:

- Renovation of the breakaway rooms and offices at Suikerbosrand Nature Reserve;
- Renovations of the Agricultural office in Temba;
- Renovations of the Yellow house at Suikerbosrand Nature Reserve;
- Replacement of boom gates at Suikerbosrand Nature Reserve;
- Renovation of house 1 to 7 at Suikerbosrand Nature Reserve;
- Renovations of staff houses at Abe Bailey Nature Reserve;
- Replacement of transformer at Roodeplaat Nature Reserve; and
- Renovation of ablutions at Vredehuis.

4. OUTLOOK FOR THE 2014/15 INFRASTRUCTURE PROGRAMME

4.1 New Infrastructure

Over the 2014 MTEF, a budget of R3.1 million is allocated for the construction of new facilities within existing facilities. New construction work at Roodeplaat Dam and Suikerbosrand Nature Reserve will be undertaken within this period.

Table 3: New Infrastructure and Replacement

R thousand	2014/15	2015/16	2016/17
Institution		Medium Term Estimates	
Suikerbosrand Nature Reserve	108	-	3 000
Total	108	-	3 000

The details of the new construction work to be undertaken are as follows:

- A walking trail of 7.5km will be paved for use by people with disabilities at Roodeplaat Nature Reserve. The
 purpose of this project is to provide access to all citizens and educate them about the various plants and
 trees that are found along the trail.
- The New Adventure Centre concept for Suikerbosrand Nature Reserve came as a result of a need identified to vary the experience of day visitors to the reserve. At this point, day activities are limited to hiking trails, picnic site, driving the tourist route and birding. This limits access to the reserve to interest groups and therefore reduces accessibility of the reserve to the broader community. In addition, the department was looking at the adventure area providing for team building exercises thus moving beyond environmental education, but also impacting on social integration issues, borne study room with respect to archaeology, heritage route, and water study room. All this is aimed at increasing visitor numbers to the reserve and therefore creating improved environmental education awareness amongst members of the general public.

4.2 Upgrading and Additions

Over the 2014 MTEF, R22.4 million is allocated for upgrading and additions at Roodeplaat dam, Suikerbosrand and Abe Bailey Nature Reserve will be undertaken within this period.

Table 4: Upgrading and Additions

R thousand	2014/15	201	5/16	2016/17
Programme		Medium Ter	m Estimates	
Roodeplaat Dam	46			
Suikerbosrand Nature Reserve	11 746	10 454		150
Abe Bailey Nature Reserve		-		-
Totals	11 792	10 454		150

The details of upgrading and additions work to be implemented as follows:

- Southern Water Line at Suikerbosrand Nature Reserve This is an existing line that is 28km long and was constructed in the 1970's. The original line is made from asbestos material and over the number of years with repairs that took place the pipe was fixed with steel pipes. Due to the high maintenance of the asbestos pipe it was then decided that it will be best to replace the entire line with a different material.
- Booster pump at Suikerbosrand Nature Reserve The purpose of the booster pump is to supply adequate
 pressure into pipes so that enough water is supplied to the various residential accommodation, offices and
 overnight facilities in the reserve.
- Signage at Roodeplaat Nature Reserve The reserve requires signage because there is a shortage of clear speed limit signs.
- Mesh on windows at Roodeplaat Nature Reserve The windows in the hall are broken due to birds that flew
 into the window panes and a lot of funds have been spent to replace the window panes. The objective of the
 project is to install mesh on all the windows in the hall to prevent birds from breaking the window panes.
- Upgrading at Kareekloof, Schoongesight and Yellow House- The purpose is to upgrade the facilities so that they become usable over the long term.

4.3 Rehabilitation and Refurbishment

Over the medium term, a budget of R20.6 million is allocated for rehabilitation and refurbishment at Roodeplaat Dam, Suikerbosrand and Abe Bailey Nature Reserves will be undertaken. The rehabilitation work includes the restoration of existing amenities, lapa at picnic site, pool, oxidation tanks, chalets and fencing at these facilities.

Table 5: Rehabilitation and Refurbishment

R thousand	2014/15	2015/16	2016/17
Programme		Medium Term Estimates	
Roodeplaat Dam	1 630	-	-
Suikerbosrand Nature Reserve	2 720	5 272	3 850
Abe Bailey Nature Reserve	-	50	7 050
Totals	4 350	5 322	10 900

Details of the refurbishment work include the following:

- Training Centre: Refurbishment and restoration of existing amenities The purpose of the project is to rehabilitate most of the existing structures/ buildings to be fully operational. Most of the buildings have not been used over a number of years therefore plans have been drafted on how to make full use of the buildings in the Training Centre thus the undertaking of refurbishments was considered.
- Refurbishment at Schoongesight The Schoongesight house does not have lights and a proper kitchen. The kitchen needs to be renovated and lights installed in order to accommodate officials from the reserve.
- Walking Trail Benches at Roodeplaat Nature Reserve- To allow visitors to sit when they are tired and when discussing the various species along the trail.
- Fencing at Roodeplaat Nature Reserve-To secure the property against unauthorised access as well as animals straying into private property.
- Lapa at picnic site at Roodeplaat Dam To provide a proper seating environment with a stage to perform and shade for daily visitors.
- Renovation of Adult pool at Roodeplaat Nature Reserve-There is an existing pool that is dilapidated. The the

- pool needs to be refurbished so that it can be fully utilised.
- Repair crack in the Auditorium at Suikerbosrand Nature Reserve- To prevent any further structural damages to the wall.
- Refurbishment of Manager's house at Kareekloof- To rehabilitate the house so that it can be put to use.
- Refurbishment of chalets at Suikerbosrand Nature Reserve- Most of the chalets requires minimal refurbishment such as peeling of paint work, painting of walls and replacement of plumbing work.
- Provision of cover lids for septic tanks at Abe Bailey Nature Reserve- To prevent spillage of the sewer into the area for environmental reasons.
- Replacement of tanks at house 1 at Abe Baily Nature Reserve To replace the leaking tank as it cannot be repaired any longer.
- Construction of Fence at Abe Bailey Nature Reserve- To replace the stolen fence and to stop the community from trespassing and to prevent theft in the reserve.

4.4 Maintenance

Over the medium term, a budget of R7.8 million is allocated for maintenance work undertaken on all the facilities. This includes scheduled, routine, day to day and emergency maintenance.

Table 5 shows budgets allocated for maintenance programmes over the 2014 MTEF and are classified according to various categories.

Table 5: Maintenance

R thousand	2014/15	2015/16	2016/17
Programme		Medium Term Estimates	
Scheduled Maintenance	450	500	2000
Routine Maintenance	100	200	265
Day to Day Maintenance	100	100	400
Emergency Maintenance	100	200	1 000
EPWP Incentive Grant Projects	2 454		
Total for Maintenance	3 204	1 000	3 665

No./ Project	Nature of Investment	Project Name	Municipality /	Strategic	Type of Infrastructure	Project Status	Source	Budget	Total Available	MTE	MTEF Forward Estimates	
Ref.				Projects (SIP)	Description		Funding	Name	2013/14	2014/15	2015/16	2016/17
_	New Infrastructure Assets	Suikerbosrand Nature Reserve	Ekurhuleni	Not related to SIPs	New adventure centre	Identification	Equitable share	ENVIRONMENTAL AFFAIRS	750		•	3,000
2	New Infrastructure Assets	Roodeplaat Nature Reserve	City of Tshwane	Not related to SIPs	New swimming pool for small children	Design	Equitable share	ENVIRONMENTAL AFFAIRS	103	•	•	
က	New Infrastructure Assets	Leewfontein Nature Reserve	City of Tshwane	Not related to SIPs	Basic picnic site for day visitors	Identification	Equitable share	ENVIRONMENTAL AFFAIRS	400	•	•	
4	New Infrastructure Assets	Roodeplaat Nature Reserve	City of Tshwane	Not related to SIPs	Paving for disabled walking trail	Identification	Equitable share	ENVIRONMENTAL AFFAIRS	•	108	•	
5	Upgrading and Additions	Suikerbosrand Nature Reserve	Ekurhuleni	Not related to SIPs	Booster pump for Northern water line	Construction	Equitable share	ENVIRONMENTAL AFFAIRS	37	000′9	•	
9	Upgrading and Additions	Suikerbosrand Nature Reserve	Ekurhuleni	Not related to SIPs	Southern water line	Identification	Equitable share	ENVIRONMENTAL AFFAIRS	1,110	5,639	10,354	
7	Upgrading and Additions	Roodeplaat Nature Reserve	City of Tshwane	Not related to SIPs	Signage	Identification	Equitable share	ENVIRONMENTAL AFFAIRS	•	28	•	
&	Upgrading and Additions	Suikerbosrand Nature Reserve	Ekurhuleni	Not related to SIPs	Renovation of house 1 to 7	Hand over	Equitable share	ENVIRONMENTAL AFFAIRS	497	•	•	•
6	Upgrading and Additions	Vredehuis Regional office	City of Tshwane	Not related to SIPs	Upgrade of female and male toilets	Hand over	Equitable share	ENVIRONMENTAL AFFAIRS	69		•	
01	Upgrading and Additions	Suikerbosrand Nature Reserve	Ekurhuleni	Not related to SIPs	Maintenance and Repairs at Ouhoutkamp	Hand over	Equitable share	ENVIRONMENTAL AFFAIRS	452	•	•	
=	Upgrading and Additions	Kareekloof	Ekurhuleni	Not related to SIPs	Reconstruct stables into accomodation	Identification	Equitable share	ENVIRONMENTAL AFFAIRS	300	•	•	
12	Upgrading and Additions	Suikerbosrand Nature Reserve	Ekurhuleni	Not related to SIPs	General Renovations of Yellow house	Hand over	Equitable share	ENVIRONMENTAL AFFAIRS	195		•	
13	Upgrading and Additions	Roodeplaat Nature Reserve	City of Tshwane	Not related to SIPs	Upgrade and additions	Hand over	Equitable share	ENVIRONMENTAL AFFAIRS	114	•	•	
14	Upgrading and Additions	Roodeplaar Nature Reserve	City of Tshwane	Not related to SIPs	Mesh on windows	Hand over	Equitable share	ENVIRONMENTAL AFFAIRS	•	18	•	
15	Upgrading and Additions	Kareekloof	Ekurhuleni	Not related to SIPs	Refurbishments	Identification	Equitable share	ENVIRONMENTAL AFFAIRS	•	107	•	
91	Upgrading and Additions	Suikerbosrand Nature Reserve	Ekurhuleni	Not related to SIPs	Cupboards,bathroom of Schoongesight house	ldentification	Equitable share	ENVIRONMENTAL AFFAIRS	•	•	100	100
17	Upgrading and Additions	Suikerbosrand Nature Reserve	Ekurhuleni	Not related to SIPs	Kitchen cupboards at Yellow house	Identification	Equitable share	ENVIRONMENTAL AFFAIRS	•	•	•	20
81	Rehabilitation and Refurbishment	Themba Satellite Office	City of Tshwane	Not related to SIPs	Upgrading of Agricultural offices	Hand over	Equitable share	ENVIRONMENTAL AFFAIRS	310	•	•	•

No./	Nature of	Project Name	Municipality /	Strategic	Type of	Project Status	Source	Budget	Total Available	M	MTEF Forward Estimates	es
Project Ref.	Investment		Region	Integrated Projects (SIP)	Intrastructure		ot Funding	Programme Name	2013/14	2014/15	2015/16	2016/17
19	Rehabilitation and Refurbishment	Suikerbosrand Nature Reserve	Ekurhuleni	Not related to SIPs	General Renovations of Schoengesight house, outbuildings and pallisade fence	Construction	Equitable share	ENVIRONMENTAL AFFAIRS	488			
20	Rehabilitation and Refurbishment	Abe bailey Nature Reserve	Merafong	Not related to SIPs		Hand over	Equitable share	ENVIRON MENTAL AFFAIRS	633	•	•	
21	Rehabilitation and Refurbishment	Suikerbosrand Nature Reserve	Ekurhuleni	Not related to SIPs	Replacement of carpets in breakaway rooms	Hand over	Equitable share	ENVIRONMENTAL AFFAIRS	300	•	•	
22	Rehabilitation and Refurbishment	Roodeplaat Youth Centre	City of Tshwane	Not related to SIPs	Renovation of existing swimming pool	Pre-feasibility	Equitable share	ENVIRON MENTAL AFFAIRS	72	•	•	
23	Rehabilitation and Refurbishment	Roodeplaar Nature Reserve	City of Tshwane	Not related to SIPs	Walking Trail Benches	Identification	Equitable share	ENVIRON MENTAL AFFAIRS	•	110	•	
24	Rehabilitation and Refurbishment	Roodeplaar Nature Reserve	City of Tshwane	Not related to SIPs	Fence at Training Centre	Identification	Equitable share	ENVIRON MENTAL AFFAIRS	•	300	•	
25	Rehabilitation and Refurbishment	Roodeplaar Nature Reserve	City of Tshwane	Not related to SIPs	Lapa at picnic site	Identification	Equitable share	ENVIRON MENTAL AFFAIRS	•	130	•	
26	Rehabilitation and Refurbishment	Roodeplaat Training Centre	Ekurhuleni	Not related to SIPs	Refurbishment and restoration of existing amenities	Identification	Equitable share	ENVIRONMENTAL AFFAIRS		1,075	•	•
27	Rehabilitation and Refurbishment	Kareekloof	Ekurhuleni	Not related to SIPs	Renovation of Oxidation tank	Identification	Equitable share	ENVIRON MENTAL AFFAIRS	•	2,285	•	
28	Rehabilitation and Refurbishment	Suikerbosrand Nature Reserve	Ekurhuleni	Not related to SIPs	Refurbishment at Schoongesight	Identification	Equitable share	ENVIRON MENTAL AFFAIRS	•	152		
29	Rehabilitation and Refurbishment	Suikerbosrand Nature Reserve	Ekurhuleni	Not related to SIPs	Refurbishment at vehicle garages	Identification	Equitable share	ENVIRONMENTAL AFFAIRS	•	173	•	
30	Rehabilitation and Refurbishment	Roodeplaat Nature Reserve	City of Tshwane	Not related to SIPs	Renovation of adult pool	Identification	Equitable share	ENVIRON MENTAL AFFAIRS	•	125	•	
31	Rehabilitation and Refurbishment	Abe bailey Nature Reserve	Merafong City	Not related to SIPs	ruction of fence	Identification	Equitable share	ENVIRONMENTAL AFFAIRS			•	000'L
32	Rehabilitation and Refurbishment	Suikerbosrand Nature Reserve	Ekurhuleni	Not related to SIPs	Oxidation Tank	Identification	Equitable share	ENVIRON MENTAL AFFAIRS	•	•	1,500	2,800
33	Rehabilitation and Refurbishment	Suikerbosrand Nature Reserve	Ekurhuleni	Not related to SIPs	Repair crack in Audotorium	Identification	Equitable share	ENVIRON MENTAL AFFAIRS	•	•	2,000	
34	Rehabilitation and Refurbishment	Suikerbosrand Nature Reserve	Ekurhuleni	Not related to SIPs	Refurbishment of Managers house at Kareekloof	ldentification	Equitable share	ENVIRONMENTAL AFFAIRS	•	•	1,500	1,000
35	Rehabilitation and Refurbishment	Suikerbosrand Nature Reserve	Ekurhuleni	Not related to SIPs	Refurshment of shalleys	Identification	Equitable share	ENVIRON MENTAL AFFAIRS	•	•	272	
36	Rehabilitation and Refurbishment	Abe Bailey Nature Reserve	Merafong City	Not related to SIPs	Provision of cover lids for Septic tank	Identification	Equitable share	ENVIRONMENTAL AFFAIRS	•		50	

No./ Project	Nature of Investment	Project Name	Municipality / Region	Strategic Integrated	Type of Infrastructure	Project Status	Source	Budget Programme	Total Available	MTE	MTEF Forward Estimates	v
Ref.				Projects (SIP)	Description		Funding	Name	2013/14	2014/15	2015/16	2016/17
37	Rehabiliration and Refurbishment	Abe Bailey Nature Reserve	Merafong City	Not related to SIPs	Replacement of tank at house 1	Identification	Equitable share	ENVIRONMENTAL AFFAIRS	•	•		20
38	Maintenance and Repair	Suikerbosrand Nature Reserve	Ekurhuleni	Not related to SIPs	Maintenanceof old boom gates at Diepkloof and Schoongesight	Hand over	Equitable share	ENVIRONMENTAL AFFAIRS	75	•	•	•
39	Maintenance and Repair	Various	City of Johannesburg	Not related to SIPs	Scheduled Maintenance	Identification	Equitable share	ENVIRONMENTAL AFFAIRS	•	450	200	2,000
40	Maintenance and Repair	Various	City of Johannesburg	Not related to SIPs	Routine Maintenance	Identification	Equitable share	ENVIRONMENTAL AFFAIRS	•	100	200	265
14	Maintenance and Repair	Various	City of Johannesburg	Not related to SIPs	Day to Day Maintenance	Identification	Equitable share	ENVIRONMENTAL AFFAIRS	143	100	100	400
42	Maintenance and Repair	Various	City of Johannesburg	Not related to SIPs	Emergency Mainteanance	Identification	Equitable share	ENVIRONMENTAL AFFAIRS	•	100	200	1,000
43	Maintenance and Repair	Vredehuis Regional office	City of Tshwane	Not related to SIPs	Maintenance	Identification	Equitable share	ENVIRONMENTAL AFFAIRS	978	•	•	
44	Maintenance and Repair	Suikerbosrand Nature Reserve	Ekurhuleni	Not related to SIPs	Maintenance at Admin block	Identification	Equitable share	ENVIRONMENTAL AFFAIRS	380	•	•	
45	Expanded Public Works Programme	Various	Gauteng				Incentive Grant			2,454		
Total Nev	Total New Infrastructure Assets	sets							1,253	108	•	3,000
Total Upg	Total Upgrading and Additions	ıns							2,774	11,792	10,454	150
Total Reh	abilitation, Renove	Total Rehabilitation, Renovations and Refurbishments	ments						1,803	4,350	5,322	10,900
Total Mai	Total Maintenance								1,576	750	1,000	3,665
Total Mai	intenace (Expande	Total Maintenace (Expanded Public Works Incentive Grant)	tive Grant)							2,454		
Total for	Agriculutre and Ru	Total for Agriculutre and Rural Development Infrastructure	rastructure						7,406	19,454	16,776	17,665