

# MINISTRY OF PUBLIC WORKS

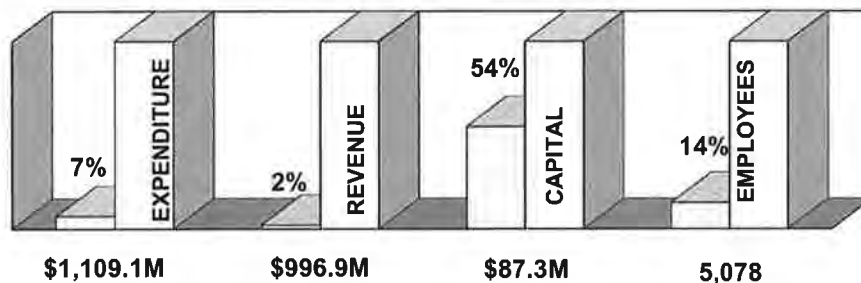


TO MANAGE ALL PUBLIC WORKS AND AMENITIES.

The Hon. L. Craig Cannonier, JP, MP

HEAD (1)	DESCRIPTION (2)	2014/15	2015/16	2015/16	2016/17	DIFFERENCE	
		ACTUAL (\$000) (3)	ORIGINAL (\$000) (4)	REVISED (\$000) (5)	ESTIMATE (\$000) (6)	2015/16 vs 2016/17 (7)	% (8)
<b>CURRENT EXPENDITURE (\$000)</b>							
36	MIN. OF PUBLIC WORKS HQ	16,927	5,301	7,603	5,425	124	2
49	LAND VALUATION	681	810	687	795	(15)	(2)
53	BERMUDA HOUSING CORP	7,440	6,050	6,050	6,050	0	0
68	PARKS	9,166	9,644	9,589	9,845	201	2
81	PUBLIC LANDS & BUILDINGS	20,593	20,522	19,822	20,799	277	1
82	WORKS & ENGINEERING	30,271	30,165	31,635	31,426	1,261	4
97	LAND TITLE & REGISTRATION	1,301	1,371	1,212	1,050	(321)	(23)
		<b>86,379</b>	<b>73,863</b>	<b>76,598</b>	<b>75,390</b>	<b>1,527</b>	<b>2</b>
<b>REVENUE (\$000)</b>							
36	MIN. OF PUBLIC WORKS HQ	29	104	37	106	2	2
49	LAND VALUATION	1	5	1	6	1	20
68	PARKS	222	48	77	59	11	23
81	PUBLIC LANDS & BUILDINGS	2,513	1,500	1,873	4,900	3,400	227
82	WORKS & ENGINEERING	10,276	13,032	8,746	14,319	1,287	10
97	LAND TITLE & REGISTRATION	1	1,144	0	1,144	0	0
		<b>13,042</b>	<b>15,833</b>	<b>10,734</b>	<b>20,534</b>	<b>4,701</b>	<b>30</b>
<b>CAPITAL EXPENDITURE (\$000)</b>							
	ACQUISITIONS	1,100	1,222	1,383	842		
	DEVELOPMENT	28,577	38,114	32,259	46,714		
		<b>29,677</b>	<b>39,336</b>	<b>33,642</b>	<b>47,556</b>		
<b>EMPLOYEE NUMBERS</b>							
		<b>656</b>	<b>708</b>	<b>651</b>	<b>709</b>	<b>1</b>	<b>0</b>

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Ministry Estimates compared with total Government Estimates

**MISSION STATEMENT**

*The Ministry of Public Works Headquarters is committed to providing Financial and Administration services to the operational sections of The Ministry. The major support services that are required are centralized within the Public Works Headquarters with a view to ensure compliance and that a consistent method of operation is applied.*

**DEPARTMENT OBJECTIVES**

- To provide management oversight for the Ministry of Public Works. The Department ensures that the Minister's policy objectives are met and is responsible for the implementation of the ministry's strategic plan, yearly business plan, management of internal audits and any other projects
- To provide financial management, financial controls and budgetary support for all Ministry of Public Works operations.
- To effectively manage the Human Resource Management policies and practices for all Ministry of Public Works departments
- To provide an effective and efficient record keeping system including current and achieved information
- To manage an effective Supply Chain Management System to support all Ministry of Public Works operations and projects.
- To manage and maintain Government wide and Ministry of Public Works specific telecommunication system including related Infrastructure and Inventory.
- To manage and maintain the Safety and Health Management system for all Ministry of Public Works departments and projects by providing periodic risk assessments and reporting
- To provide architectural and design services required to support the delivery of Government projects with the percentage of cost applied by the private sector.
- To manage the provision of planning design requirements for projects associated with the Government's rented facilities.

# HEAD 36 MINISTRY OF PUBLIC WORKS HQ

# CURRENT ACCOUNT ESTIMATES

## GENERAL SUMMARY

EXPENDITURE						DIFFERENCE	
PROG		2014/15	2015/16	2015/16	2016/17	2015/16	
BUSINESS UNIT	DESCRIPTION	ACTUAL	ORIGINAL	REVISED	ESTIMATE	vs	
(1)	(2)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	%
		(3)	(4)	(5)	(6)	(7)	(8)
<b>3601 HEAD OFFICE ADMINISTRATION</b>							
46111	ADMINISTRATION	5,838	890	2,890	951	61	7
46112	CENTRAL FILING	259	235	375	232	(3)	(1)
46999	HURRICAN RELIEF - GONZALO	1,048	0	0	0	0	0
		<b>7,145</b>	<b>1,125</b>	<b>3,265</b>	<b>1,183</b>	<b>58</b>	<b>5</b>
<b>3610 ACCOUNTS</b>							
46030	FINANCE MGMT	1,022	983	884	939	(44)	(4)
		<b>1,022</b>	<b>983</b>	<b>884</b>	<b>939</b>	<b>(44)</b>	<b>(4)</b>
<b>3611 PURCHASING</b>							
46113	PURCHASING ADMINISTRATION	89	437	393	490	53	12
46114	SUPPLY STORES	6,653	759	815	755	(4)	(1)
		<b>6,742</b>	<b>1,196</b>	<b>1,208</b>	<b>1,245</b>	<b>49</b>	<b>4</b>
<b>3612 TELECOMMUNICATIONS</b>							
46065	TELEPHONE OPERATIONS	137	148	162	155	7	5
46115	TELEPHONE MAINTENANCE	952	1,043	1,028	1,035	(8)	(1)
		<b>1,089</b>	<b>1,191</b>	<b>1,190</b>	<b>1,190</b>	<b>(1)</b>	<b>(0)</b>
<b>3613 HUMAN RESOURCES</b>							
46116	HUMAN RESOURCES ADMIN.	382	401	401	415	14	3
46117	RECRUITMENT	3	38	28	32	(6)	(16)
46118	TRAINING & DEVELOPMENT	145	180	176	163	(17)	(9)
		<b>530</b>	<b>619</b>	<b>605</b>	<b>610</b>	<b>(9)</b>	<b>(1)</b>
<b>3614 ARCHITECT &amp; DESIGN</b>							
46040	ARCHITECT & DESIGN	399	187	451	258	71	38
		<b>399</b>	<b>187</b>	<b>451</b>	<b>258</b>	<b>71</b>	<b>38</b>
<b>TOTAL</b>		<b>16,927</b>	<b>5,301</b>	<b>7,603</b>	<b>5,425</b>	<b>124</b>	<b>2</b>

# HEAD 36 MINISTRY OF PUBLIC WORKS HQ - continued

## SUBJECTIVE ANALYSIS OF CURRENT ACCOUNT ESTIMATES

EXPENDITURE						DIFFERENCE	
OBJECT CODE DESCRIPTION		2014/15	2015/16	2015/16	2016/17	2015/16 vs 2016/17	
(1)	(2)	ACTUAL	ORIGINAL	REVISED	ESTIMATE	(7)	(8)
		(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	%
		(3)	(4)	(5)	(6)	(7)	(8)
	SALARIES	2,753	2,515	2,771	2,663	148	6
	WAGES	3,799	773	858	749	(24)	(3)
	OTHER PERSONNEL COSTS	1	11	6	9	(2)	(18)
	TRAINING	136	147	127	134	(13)	(9)
	TRANSPORT	279	226	215	207	(19)	(8)
	TRAVEL	1	37	17	35	(2)	(5)
	COMMUNICATIONS	481	501	506	500	(1)	(0)
	ADVERTISING & PROMOTION	13	36	31	27	(9)	(25)
	PROFESSIONAL SERVICES	3,056	638	671	737	99	16
	REPAIR AND MAINTENANCE	50	77	77	67	(10)	(13)
	INSURANCE	75	0	2,000	0	0	0
	MATERIALS & SUPPLIES	6,209	277	246	228	(49)	(18)
	EQUIPT. (MINOR CAPITAL)	15	1	1	5	4	400
	OTHER EXPENSES	59	62	77	63	1	2
	RECEIPTS CREDITED TO PROG.	0	0	0	1	1	0
	<b>TOTAL</b>	<b>16,927</b>	<b>5,301</b>	<b>7,603</b>	<b>5,425</b>	<b>124</b>	<b>2</b>

## REVENUE SUMMARY

REVENUE SUMMARY						DIFFERENCE	
REVENUE SOURCE		2014/15	2015/16	2015/16	2016/17	2015/16 vs 2016/17	
(1)	(2)	ACTUAL	ORIGINAL	REVISED	ESTIMATE	(7)	(8)
		(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	%
		(3)	(4)	(5)	(6)	(7)	(8)
	8615 General	21	100	30	100	0	0
	9102 Car Park Monthly Rentals	8	4	7	6	2	50
	<b>TOTAL</b>	<b>29</b>	<b>104</b>	<b>37</b>	<b>106</b>	<b>2</b>	<b>2</b>

# HEAD 36 MINISTRY OF PUBLIC WORKS HQ - continued

## EMPLOYEE NUMBERS (FULL-TIME EQUIVALENTS)

BUSINESS UNIT (1)	DESCRIPTION (2)	2014/15	2015/16	2015/16	2016/17	DIFFERENCE	
		ACTUAL (3)	ORIGINAL (4)	REVISED (5)	ESTIMATE (6)	2015/16 vs 2016/17 (7)	% (8)
46030	FINANCE MGMT	9	12	11	11	(1)	(8)
46040	ARCHITECT & DESIGN	3	4	4	7	3	75
46065	TELEPHONE OPERATIONS	3	3	3	3	0	0
46111	HEADQUARTERS	3	4	4	4	0	0
46112	CENTRAL FILING	2	3	3	3	0	0
46113	PURCHASING ADMINISTRATION	5	6	5	6	0	0
46114	SUPPLY STORES	9	9	9	9	0	0
46116	HUMAN RESOURCES ADMIN.	5	5	5	5	0	0
46118	TRAINING AND DEVELOPMENT	1	1	1	1	0	0
<b>TOTAL</b>		<b>40</b>	<b>47</b>	<b>45</b>	<b>49</b>	<b>2</b>	<b>4</b>

## HEAD 36 MINISTRY OF PUBLIC WORKS HQ - continued

### Performance Measures

MEASURE/INDICATOR	ACTUAL OUTCOME 2014/15	ORIGINAL FORECAST 2015/16	REVISED FORECAST 2015/16	TARGET OUTCOME 2016/17
<b>BUSINESS UNIT: 46111 Administration</b>				
Safety and Health Accident Reporting to management team	12	12	12	12
Perform Safety and Health Audits and corrective action plans for the operational areas	2	6	5	6
Provide Safety and Health training for Ministry employees	30	20	20	20
<b>BUSINESS UNIT: 46112 Central Filing</b>				
Ensure employee files are completed within six weeks of the start date	88%	90%	95%	95%
Ensure Completeness of project files-Specifically Contracts and Change Orders	82%	95%	95%	95%
Reduction in the downtime of Head Office Equipment - equipment back in service next day except for delayed delivery of parts	95%	95%	94%	95%
<b>BUSINESS UNIT: 46030 Finance Management</b>				
Produce detailed reports on all operational and capital actual verses budgeted expenditures each month by the 10th	97%	100%	98%	100%
Reduction of Water Debt by:	8% increase	15%	5%	10%
<b>BUSINESS UNIT: 46113 Purchasing Administration</b>				
Meet the expected delivery deadline for overseas goods order by the operational areas.	81%	85%	83%	81%
Improve the Procurement cycle time from Requisition to creation of Purchase Order to two days	89%	85%	85%	89%
<b>BUSINESS UNIT: 46114 Supply Stores</b>				
Decrease the inventory discrepancies for year end by	18%	20%	20%	18%
Meeting demand of our customers for maintenance / service items by:	85%	85%	86%	85%
<b>BUSINESS UNIT: 46065 Telephone Operations</b>				
Increase the rating on the quarterly survey by 10% by year end	No Surveys completed	5%	No Surveys Completed	5%
<b>BUSINESS UNIT: 46115 Telephone Maintenance</b>				
Complete data converges by end of year.	5	4	4	4

**HEAD 36 MINISTRY OF PUBLIC WORKS HQ - continued**

**Performance Measures**

MEASURE/INDICATOR	ACTUAL OUTCOME 2014/15	ORIGINAL FORECAST 2015/16	REVISED FORECAST 2015/16	TARGET OUTCOME 2016/17
<b>BUSINESS UNIT: 46116 Human Resource Admin</b>				
Communication - Ministry newsletter published and distributed to the department	1	3	3	4
* Policy Development - The number of Ministry-specific human resource policies developed	0	1	1	1
* Performance management - Forward Job Plans & Performance Appraisals 100% completed and returned to the DHR deadline.	38%PA 57% FJP	100%PA 100% FJP	90%PA 90%FJP	100%PA 100%FJP
<b>BUSINESS UNIT: 46117 Recruitment</b>				
Minimize vacancies in identified difficult to fill posts	6	avg 3 difficult to fill posts vacant	avg 3 difficult to fill posts vacant	avg 2 difficult to fill posts vacant
On time completion and submission of vacancy files to DHR	82%	80%	94%	90%
<b>BUSINESS UNIT: 46118 Training &amp; Development</b>				
Complete lunch and learns for industrial staff for the year	8	5	6	5
Host seminar for employees eligible to retire annually	1	1	1	1
BeFAST(Basic Employee, Foreman and Superintendent Training)	5	2	19	2
Career Outreach	3	4	4	3
<b>BUSINESS UNIT: 46040 Architect &amp; Design</b>				
Clients serviced during the current year express satisfaction with the architect design service offered and the operational needs of the client have been met.	N/A	N/A	N/A	N/A
Hold regular meetings with Project Managers to ensure objectives are being met and ensure services prescribed are effectively delivered.	N/A	N/A	N/A	N/A

# HEAD 49 LAND VALUATION

# CURRENT ACCOUNT ESTIMATES

## MISSION STATEMENT

*To maintain an up-to-date and accurate Valuation List of all properties on the Island for land tax purposes and provide accurate and timely valuation advice to other Government Departments.*

## DEPARTMENT OBJECTIVES

- Maintain an accurate and current Valuation List for Bermuda under the authority of the Land Valuation and Tax Act 1967.
- Carry out quinquennial revaluations for land tax purposes as required by the Act.
- Provide prompt and accurate valuation advice to the Tax Commissioner on stamp duty matters which is in accordance with the Royal Institution of Chartered Surveyors standards and code of practice.
- Provide prompt and accurate valuation advice to the Registrar of the Supreme Court on probate matters which is in accordance with the Royal Institution of Chartered Surveyors standards and code of practice.
- Provide valuation and policy advice to other Government Departments as requested.

## GENERAL SUMMARY

EXPENDITURE						DIFFERENCE	
PROG		2014/15	2015/16	2015/16	2016/17	2015/16	
BUSINESS UNIT	DESCRIPTION	ACTUAL	ORIGINAL	REVISED	ESTIMATE	vs	
(1)	(2)	(\$000)	(\$000)	(\$000)	(\$000)	2016/17	%
		(3)	(4)	(5)	(6)	(\$000)	(8)
4901	LAND VALUATION						
	59080 VALUATION	681	810	687	795	(15)	(2)
	<b>TOTAL</b>	<b>681</b>	<b>810</b>	<b>687</b>	<b>795</b>	<b>(15)</b>	<b>(2)</b>



# HEAD 49 LAND VALUATION - continued

## SUBJECTIVE ANALYSIS OF CURRENT ACCOUNT ESTIMATES

EXPENDITURE						DIFFERENCE	
	OBJECT CODE DESCRIPTION	2014/15 ACTUAL (\$000)	2015/16 ORIGINAL (\$000)	2015/16 REVISED (\$000)	2016/17 ESTIMATE (\$000)	2015/16 vs 2016/17	
(1)	(2)	(3)	(4)	(5)	(6)	(\$000) (7)	% (8)
	SALARIES	608	729	640	727	(2)	(0)
	TRAINING	0	6	0	1	(5)	(83)
	TRAVEL	1	2	2	2	0	0
	ADVERTISING & PROMOTION	0	1	1	4	3	300
	PROFESSIONAL SERVICES	2	43	23	36	(7)	(16)
	REPAIR AND MAINTENANCE	31	20	15	18	(2)	(10)
	MATERIALS & SUPPLIES	39	9	6	7	(2)	(22)
	<b>TOTAL</b>	<b>681</b>	<b>810</b>	<b>687</b>	<b>795</b>	<b>(15)</b>	<b>(2)</b>

## REVENUE SUMMARY

REVENUE SOURCE						DIFFERENCE	
	REVENUE SOURCE	2014/15 ACTUAL (\$000)	2015/16 ORIGINAL (\$000)	2015/16 REVISED (\$000)	2016/17 ESTIMATE (\$000)	2015/16 vs 2016/17	
(1)	(2)	(3)	(4)	(5)	(6)	(\$000) (7)	% (8)
	8135 Appeals Trib Hearing Fee	1	5	1	6	1	20
	<b>TOTAL</b>	<b>1</b>	<b>5</b>	<b>1</b>	<b>6</b>	<b>1</b>	<b>20</b>

## EMPLOYEE NUMBERS (FULL-TIME EQUIVALENTS)

BUSINESS UNIT						DIFFERENCE	
	DESCRIPTION	2014/15 ACTUAL	2015/16 ORIGINAL	2015/16 REVISED	2016/17 ESTIMATE	2015/16 vs 2016/17	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	% (8)
	59080 VALUATION	7	8	7	8	0	0
	<b>TOTAL</b>	<b>7</b>	<b>8</b>	<b>7</b>	<b>8</b>	<b>0</b>	<b>0</b>

**HEAD 49 LAND VALUATION - continued**

**Performance Measures**

MEASURE/INDICATOR	ACTUAL OUTCOME 2014/15	ORIGINAL FORECAST 2015/16	REVISED FORECAST 2015/16	TARGET OUTCOME 2016/17
<b>BUSINESS UNIT: 59080 Valuation</b>				
Amend the Valuation List for all changes within 20 working days of receiving notification of a change to a property.	58% by year end	70%	71%	70%
Provide valuation advice to the Supreme Court within 10 working days of receiving instructions.	100%	100%	100%	100%
Provide valuation advice to the Tax Commissioner within 20 working days of receiving instructions.	64%	65%	94%	65%
Provide valuation advice to the Chief Immigration Officer within 5 working days of receiving instructions.	100%	100%	100%	100%
Provide valuation advice to other Government departments within 10 working days of receiving instructions.	New measure for 2015/16	70%	None Received	70%

# HEAD 53 BERMUDA HOUSING CORPORATION

# CURRENT ACCOUNT ESTIMATES

## MISSION STATEMENT

*RENTAL AND MORTGAGE ASSISTANCE.*

## GENERAL SUMMARY

EXPENDITURE PROG BUSINESS UNIT		2014/15 ACTUAL (\$000)	2015/16 ORIGINAL (\$000)	2015/16 REVISED (\$000)	2016/17 ESTIMATE (\$000)	DIFFERENCE 2015/16 vs 2016/17 (\$000) %	
(1)	DESCRIPTION (2)	(3)	(4)	(5)	(6)	(7)	(8)
5301	GENERAL						
	63010 RENTAL ASSISTANCE GRANT	7,440	6,050	6,050	6,050	0	0
	<b>TOTAL</b>	<b>7,440</b>	<b>6,050</b>	<b>6,050</b>	<b>6,050</b>	<b>0</b>	<b>0</b>

## SUBJECTIVE ANALYSIS OF CURRENT ACCOUNT ESTIMATES

EXPENDITURE		2014/15 ACTUAL (\$000)	2015/16 ORIGINAL (\$000)	2015/16 REVISED (\$000)	2016/17 ESTIMATE (\$000)	DIFFERENCE 2015/16 vs 2016/17 (\$000) %	
(1)	OBJECT CODE DESCRIPTION (2)	(3)	(4)	(5)	(6)	(7)	(8)
	GRANTS & CONTRIBUTIONS	7,440	6,050	6,050	6,050	0	0
	<b>TOTAL</b>	<b>7,440</b>	<b>6,050</b>	<b>6,050</b>	<b>6,050</b>	<b>0</b>	<b>0</b>

# HEAD 68 PARKS

# CURRENT ACCOUNT ESTIMATES

## MISSION STATEMENT

*To develop and maintain public parks, beaches and school grounds and to produce plants necessary for this purpose. To provide safe and aesthetically pleasing, active and passive recreational and educational facilities for the enjoyment of residents and visitors. To promote the educational and cultural history relating to the environment for residents and visitors.*

## DEPARTMENT OBJECTIVES

- Maintain and manage all Parks to the specified standards.
- Maintain all other designated areas of responsibility to specified standards.
- Provide a trained and professional Lifeguard service at 5 public beaches.
- Protect and preserve open spaces for present and future generations.
- Enforce park regulations under the Bermuda National Parks Act, 1986.
- Manage cultural and natural resources.
- Produce the Annual Exhibition.

# HEAD 68 PARKS

# CURRENT ACCOUNT ESTIMATES

## GENERAL SUMMARY

EXPENDITURE						DIFFERENCE	
PROG		2014/15	2015/16	2015/16	2016/17	2015/16	
BUSINESS UNIT	DESCRIPTION	ACTUAL	ORIGINAL	REVISED	ESTIMATE	vs	
(1)	(2)	(\$000)	(\$000)	(\$000)	(\$000)	2016/17	%
		(3)	(4)	(5)	(6)	(7)	(8)
<b>6801</b>	<b>PARK SERVICE</b>						
78000	PARK RANGER SERVICE	368	449	563	429	(20)	(4)
		<b>368</b>	<b>449</b>	<b>563</b>	<b>429</b>	<b>(20)</b>	<b>(4)</b>
<b>6802</b>	<b>LIFEGUARD SERVICE</b>						
78010	LIFEGUARD SERVICE	482	524	569	547	23	4
		<b>482</b>	<b>524</b>	<b>569</b>	<b>547</b>	<b>23</b>	<b>4</b>
<b>6803</b>	<b>PARK MAINTENANCE</b>						
78015	GOVERNMENT HSE & CAMDEN	236	294	263	295	1	0
78020	MAINTENANCE & DEVELOPMENT	876	968	939	956	(12)	(1)
78030	EASTERN PARKS	788	905	933	937	32	4
78035	TREE SERVICE	506	530	542	529	(1)	(0)
78040	WESTERN PARKS	1,193	1,244	1,202	1,268	24	2
78045	SCHOOL GROUNDS	449	532	529	542	10	2
78055	TULO VALLEY	435	525	502	526	1	0
78065	BOTANICAL GARDENS	1,493	1,684	1,540	1,727	43	3
78100	RAILWAY TRAIL	360	393	393	425	32	8
		<b>6,336</b>	<b>7,075</b>	<b>6,843</b>	<b>7,205</b>	<b>130</b>	<b>2</b>
<b>6804</b>	<b>ADMINISTRATION</b>						
78050	ADMINISTRATION & PLANNING	1,241	1,201	1,190	1,252	51	4
78110	ANNUAL EXHIBITION	318	0	0	0	0	0
		<b>1,559</b>	<b>1,201</b>	<b>1,190</b>	<b>1,252</b>	<b>51</b>	<b>4</b>
<b>6805</b>	<b>FORTS</b>						
78080	FORTS & HISTORICAL SITES	421	395	424	412	17	4
		<b>421</b>	<b>395</b>	<b>424</b>	<b>412</b>	<b>17</b>	<b>4</b>
	<b>TOTAL</b>	<b>9,166</b>	<b>9,644</b>	<b>9,589</b>	<b>9,845</b>	<b>201</b>	<b>2</b>

# HEAD 68 PARKS - continued

## SUBJECTIVE ANALYSIS OF CURRENT ACCOUNT ESTIMATES

EXPENDITURE						DIFFERENCE	
OBJECT CODE DESCRIPTION		2014/15	2015/16	2015/16	2016/17	2015/16 vs 2016/17	
(1)	(2)	ACTUAL	ORIGINAL	REVISED	ESTIMATE	(\$000)	%
		(\$000)	(\$000)	(\$000)	(\$000)	(7)	(8)
		(3)	(4)	(5)	(6)		
	SALARIES	1,688	1,689	1,657	1,774	85	5
	WAGES	6,037	6,560	6,519	6,595	35	1
	TRAINING	22	25	25	25	0	0
	TRANSPORT	34	31	27	36	5	16
	TRAVEL	9	13	10	18	5	38
	COMMUNICATIONS	55	44	45	45	1	2
	ADVERTISING & PROMOTION	31	25	24	28	3	12
	PROFESSIONAL SERVICES	161	84	86	82	(2)	(2)
	RENTALS	140	70	70	70	0	0
	REPAIR AND MAINTENANCE	487	533	533	578	45	8
	ENERGY	115	144	154	143	(1)	(1)
	CLOTHING, UNIFORMS & LAUNDRY	32	46	46	35	(11)	(24)
	MATERIALS & SUPPLIES	339	378	391	414	36	10
	EQPMT. (MINOR CAPITAL)	0	1	1	1	0	0
	OTHER EXPENSES	16	1	1	1	0	0
	<b>TOTAL</b>	<b>9,166</b>	<b>9,644</b>	<b>9,589</b>	<b>9,845</b>	<b>201</b>	<b>2</b>

## REVENUE SUMMARY

REVENUE SOURCE						DIFFERENCE	
REVENUE SOURCE		2014/15	2015/16	2015/16	2016/17	2015/16 vs 2016/17	
(1)	(2)	ACTUAL	ORIGINAL	REVISED	ESTIMATE	(\$000)	%
		(\$000)	(\$000)	(\$000)	(\$000)	(7)	(8)
		(3)	(4)	(5)	(6)		
	8191 Service Fees	0	1	0	1	0	0
	8251 Camping Fees	25	15	14	12	(3)	(20)
	8253 Admissions	165	24	45	34	10	42
	8615 General	6	0	0	0	0	0
	8651 Horticultural Produce	12	4	10	5	1	25
	8801 Facilities	10	1	4	4	3	300
	8805 Concessions	4	3	4	3	0	0
	<b>TOTAL</b>	<b>222</b>	<b>48</b>	<b>77</b>	<b>59</b>	<b>11</b>	<b>23</b>

## HEAD 68 PARKS - continued

### EMPLOYEE NUMBERS (FULL-TIME EQUIVALENTS)

BUSINESS UNIT (1)	DESCRIPTION (2)	2014/15 ACTUAL (3)	2015/16 ORIGINAL (4)	2015/16 REVISED (5)	2016/17 ESTIMATE (6)	DIFFERENCE	
						2015/16 vs 2016/17 (7)	% (8)
	78000 PARK RANGER SERVICE	4	7	7	8	1	14
	78010 LIFEGUARD SERVICE	2	12	12	12	0	0
	78015 GOVERNMENT HSE & CAMDEN	4	5	4	5	0	0
	78020 MAINTENANCE & DEVELOPMENT	14	15	14	15	0	0
	78030 EASTERN PARKS	14	15	15	15	0	0
	78035 TREE SERVICE	9	9	9	9	0	0
	78040 WESTERN PARKS	21	21	18	21	0	0
	78045 SCHOOL GROUNDS	8	9	9	9	0	0
	78050 ADMINISTRATION & PLANNING	10	10	7	9	(1)	(10)
	78055 TULO VALLEY	6	7	6	7	0	0
	78065 BOTANICAL GARDENS	28	28	28	28	0	0
	78080 FORTS & HISTORICAL SITES	5	5	5	5	0	0
	78110 ANNUAL EXHIBITION	1	0	0	0	0	0
	<b>TOTAL</b>	<b>126</b>	<b>143</b>	<b>134</b>	<b>143</b>	<b>0</b>	<b>0</b>

## HEAD 68 PARKS - continued

### Performance Measures

MEASURE/INDICATOR	ACTUAL OUTCOME 2014/15	ORIGINAL FORECAST 2015/16	REVISED FORECAST 2015/16	TARGET OUTCOME 2016/17
<b>BUSINESS UNIT: Park Ranger Service - 78000</b>				
1. Total number of camping and special permits issued.	616	600	600	600
2. Total number of incidents reported and managed.	475	300	115	120
3. Total number of interpretive tours conducted.	14	15	20	15
4. Total tonnage of trash collected.	14	15	13	15
<b>BUSINESS UNIT: Lifeguard Service - 78010</b>				
1. Total number of beaches patrolled.	4	4	4	6
2. Total number of rescues.	28	n/a	59	N/A
3. Total number of visitor assists.	6,409	n/a	5,618	N/A
4. Total number of Preventative Actions	3,567	n/a	3,928	N/A
<b>BUSINESS UNIT: Government House &amp; Camden - 78015</b>				
1. Total number of bedding displays installed per year.	3	3	9	3
2. Total number of plants installed.	10,000	7,000	4,000	7,000
3. Total number of maintenance rotation per annum.	50	50	50	50
<b>BUSINESS UNIT: Maintenance &amp; Development - 78020</b>				
1. Total number of maintenance visits per toilet cabana.	150	150	150	150
2. Total number of completed projects.	40	40	40	40
3. Total number of native and endemic plants installed.	400	400	300	300
<b>BUSINESS UNIT: Eastern Parks - 78030</b>				
1. Total number of maintenance site visits per year.	22	24	20	22
2. Total number of plants installed.	8,000	5,000	6,000	5,000
3. Total Number of Sports Field mowings per year	32	32	32	32
<b>BUSINESS UNIT: Tree Service - 78035</b>				
1. Total number of trees felled.	600	400	150	200
2. Total number of trees pruned.	320	144	300	100
3. Total number of woodchip truck loads supplied to schools, playgrounds and Botanical Gardens.	100	200	100	200
<b>BUSINESS UNIT: Western Parks - 78040</b>				
1. Total number of maintenance site visits per year.	22	24	20	20
2. Total number of plants installed.	100	100	400	400
3. Total Number of Sports Field mowings per year.	30	36	36	36
<b>BUSINESS UNIT: School Grounds - 78045</b>				
1. Total number of maintenance visits to school grounds.	18	18	18	18
2. Total number of maintenance visits to 4 private/Government residences.	24	24	24	24



## HEAD 68 PARKS - continued

### Performance Measures

MEASURE/INDICATOR	ACTUAL OUTCOME 2014/15	ORIGINAL FORECAST 2015/16	REVISED FORECAST 2015/16	TARGET OUTCOME 2016/17
<b>BUSINESS UNIT: Administration &amp; Planning - 78050</b>				
1. Total amount of payments to vendors processed within a week.	75	75	75	75
2. Total number of events in the Botanical Gardens.	45	40	60	60
3. Total number of tours and persons attending Botanical Gardens.	100/800	100/800	100/800	100/800
4. Total number of Park Projects completed per annum.	14	14	16	14
<b>BUSINESS UNIT: Tulo Valley - 78055</b>				
1. Total number of bedding plants produced.	30,000	30,000	30,000	30,000
2. Total number of 1 gallon plants; 3-5 gallon plants; 15 gallon plants.	4,000	5,000	5,000	5,000
3. Total number of plants supplied to general public under the Ministry of the Environment Plant Voucher scheme for new development.	10	10	25	10
<b>BUSINESS UNIT: Botanical Gardens - 78065</b>				
1. Total number of seasonal bedding displays developed.	40	40	30	40
2. Total number of plants installed at Botanical Gardens and Arboretum - annuals & perennials.	52,200	50,000	37,500	45,500
3. Total number of interpretive tours conducted	new	80	68	80
<b>BUSINESS UNIT: Forts &amp; Historical Sites - 78080</b>				
1. Total number of Adult admissions.	3,279	3,000	2,500	3,000
2. Total number of Children admissions.	830	1000	1,000	1,000
3. Total number of school or senior tours.	55	40	40	40
4. Total number of interpretive tours conducted.	132	200	150	200
<b>BUSINESS UNIT: Railway Trail - 78100</b>				
1. Total number of acres maintained per annum.	70	70	70	70
2. Total monthly maintenance rotations.	7	27	10	24
3. Total number of capital works completed.	1	1	3	2
<b>BUSINESS UNIT: Annual Exhibition - 78110</b>				
1. Total number of participants per year.	N/A	0	-	-
2. Total number of visitors.	N/A	0	-	-

# HEAD 81 PUBLIC LANDS & BUILDINGS

# CURRENT ACCOUNT ESTIMATES

## MISSION STATEMENT

*Efficiently manage the Government property portfolio to enable the delivery of effective public services.*

## DEPARTMENT OBJECTIVES

- Produce, maintain and implement a property asset management plan for the Bermuda Government.
- To provide property and land related management services to all Government Ministries.
- To act as Landlord of all Government owned property.
- To manage licenses and leases for the foreshore and seabed.
- To ensure that all Government properties are adequately insured.
- To provide facilities management of all Government buildings.
- To provide maintenance, repairs and minor renovations to Government owned buildings.

## GENERAL SUMMARY

EXPENDITURE PROG BUSINESS UNIT	DESCRIPTION	2014/15 ACTUAL (\$000)	2015/16 ORIGINAL (\$000)	2015/16 REVISED (\$000)	2016/17 ESTIMATE (\$000)	DIFFERENCE 2015/16 vs 2016/17	
						(\$000)	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>8100</b>	<b>ADMINISTRATION</b>						
	91000 ADMINISTRATION	272	236	224	172	(64)	(27)
	91001 TRAINING & APPRENTICESHIP	120	0	3	309	309	0
		<b>392</b>	<b>236</b>	<b>227</b>	<b>481</b>	<b>245</b>	<b>104</b>
<b>8101</b>	<b>BUILDINGS</b>						
	91002 SERVICES MANAGEMENT	293	1,046	1,045	1,071	25	2
	91003 MAINTENANCE	10,060	8,981	8,981	8,496	(485)	(5)
		<b>10,353</b>	<b>10,027</b>	<b>10,026</b>	<b>9,567</b>	<b>(460)</b>	<b>(5)</b>
<b>8102</b>	<b>ESTATES</b>						
	91004 PROPERTY ASSET MANAGEMENT	3,583	3,751	3,492	3,881	130	3
	91005 INSURANCE	6,255	6,436	6,077	6,603	167	3
	91006 GOVERNMENTAL RENTALS	10	72	0	0	(72)	(100)
		<b>9,848</b>	<b>10,259</b>	<b>9,569</b>	<b>10,484</b>	<b>225</b>	<b>2</b>
<b>8103</b>	<b>LAND SURVEYS</b>						
	91007 LAND SURVEYS MANAGEMENT	0	0	0	267	267	0
		<b>0</b>	<b>0</b>	<b>0</b>	<b>267</b>	<b>267</b>	<b>0</b>
	<b>TOTAL</b>	<b>20,593</b>	<b>20,522</b>	<b>19,822</b>	<b>20,799</b>	<b>277</b>	<b>1</b>

**HEAD 81 PUBLIC LANDS & BUILDINGS - continued**

**SUBJECTIVE ANALYSIS OF CURRENT ACCOUNT ESTIMATES**

EXPENDITURE						DIFFERENCE	
OBJECT CODE DESCRIPTION		2014/15	2015/16	2015/16	2016/17	2015/16 vs 2016/17	
(1)	(2)	ACTUAL	ORIGINAL	REVISED	ESTIMATE	(\$000)	%
		(\$000)	(\$000)	(\$000)	(\$000)	(7)	(8)
		(3)	(4)	(5)	(6)		
	SALARIES	1,603	2,259	2,048	2,451	192	8
	WAGES	7,212	8,227	7,892	8,425	198	2
	OTHER PERSONNEL COSTS	20	25	5	25	0	0
	TRAINING	17	29	37	55	26	90
	TRANSPORT	202	197	125	125	(72)	(37)
	TRAVEL	4	2	1	2	0	0
	COMMUNICATIONS	3	71	71	42	(29)	(41)
	PROFESSIONAL SERVICES	1,406	1,090	1,188	1,010	(80)	(7)
	RENTALS	205	54	85	104	50	93
	REPAIR AND MAINTENANCE	563	680	675	843	163	24
	INSURANCE	6,255	6,436	6,077	6,603	167	3
	ENERGY	1,937	2,100	2,100	2,100	0	0
	CLOTHING, UNIFORMS & LAUNDRY	3	3	3	4	1	33
	MATERIALS & SUPPLIES	1,169	1,338	1,509	1,193	(145)	(11)
	EQUIPT. (MINOR CAPITAL)	35	6	6	11	5	83
	OTHER EXPENSES	5	5	0	6	1	20
	RECEIPTS CREDITED TO PROG.	(46)	(2,000)	(2,000)	(2,200)	(200)	10
	<b>TOTAL</b>	<b>20,593</b>	<b>20,522</b>	<b>19,822</b>	<b>20,799</b>	<b>277</b>	<b>1</b>

**REVENUE SUMMARY**

REVENUE SOURCE						DIFFERENCE	
REVENUE SOURCE		2014/15	2015/16	2015/16	2016/17	2015/16 vs 2016/17	
(1)	(2)	ACTUAL	ORIGINAL	REVISED	ESTIMATE	(\$000)	%
		(\$000)	(\$000)	(\$000)	(\$000)	(7)	(8)
		(3)	(4)	(5)	(6)		
	8705 Asset Sales	0	0	0	3,000	3,000	0
	8795 W&E Property Rentals	2,509	1,500	1,873	1,900	400	27
	8877 Reimbursements	4	0	0	0	0	0
	<b>TOTAL</b>	<b>2,513</b>	<b>1,500</b>	<b>1,873</b>	<b>4,900</b>	<b>3,400</b>	<b>227</b>

**EMPLOYEE NUMBERS (FULL-TIME EQUIVALENTS)**

DESCRIPTION						DIFFERENCE	
DESCRIPTION		2014/15	2015/16	2015/16	2016/17	2015/16 vs	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	%
							(8)
	91000 ADMINISTRATION	6	2	2	1	(1)	(50)
	91001 TRAINING & APPRENTICESHIP	0	0	0	6	6	0
	91002 SERVICES MANAGEMENT	8	13	13	14	1	8
	91003 MAINTENANCE	124	129	119	123	(6)	(5)
	91004 PROPERTY ASSET MANAGEMENT	12	16	13	14	(2)	(13)
	91007 LAND SURVEYS MANAGEMENT	0	0	0	3	3	0
	<b>TOTAL</b>	<b>150</b>	<b>160</b>	<b>147</b>	<b>161</b>	<b>1</b>	<b>1</b>

## HEAD 81 PUBLIC LANDS & BUILDINGS - continued

### Performance Measures

MEASURE/INDICATOR	ACTUAL OUTCOME 2014/15	ORIGINAL FORECAST 2015/16	REVISED FORECAST 2015/16	TARGET OUTCOME 2016/17
<b>BUSINESS UNITS: 91000 - 91001</b>				
Prepare a property asset management plan for the Minister's approval by end of the financial year.	—	100%	100%	100%
Number of vacant Government owned buildings inspected and reports presented to the Minister on the options for the properties.	5%	6	30	8
<b>BUSINESS UNIT: 91002 - 91003</b>				
Number of schools to be completely cleaned and painted as part of the Department's summer schools painting program.	5	5	9	5
Number of capital projects to be tendered to the private sector.	10	10	24	20
Number of Government owned facilities to be sealed removing the potential for water ingress, future mold and mildew.	2	2	11	2
Number of installs of heating, air conditioning and ventilation plants within Government owned school auditoriums.	1	1	1	1
Percentage of inspections and specifications reports for reported building defects within 30 days of receiving the record of the defect.	100%	75%	75%	100%
Percentage of responses to advise the reporter of the defect within seven days of inspection of what remedial works will be undertaken and the proposed time line for those works.	100%	50%	55%	100%
<b>BUSINESS UNIT: 91004 - 91006</b>				
Percentage of contact with Government departments renting from the private sector at least six months prior to their lease expiry to provide advice on options for moving in to Government owned property, other rental options or to negotiate the lease renewal.	100%	100%	100%	100%
Number of seabed leases issued for docks encroaching on the foreshore.	30	12	65	15
Percentage of Government owned properties (non Quango) inspected to ensure their proper use, maintenance and that they are adequately insured.	100%	100%	100%	100%

# HEAD 82 WORKS & ENGINEERING

# CURRENT ACCOUNT ESTIMATES

## MISSION STATEMENT

To ensure the effective and prudent management of all operations and engineering services relating to the construction, erection, improvement, maintenance and repairs of Government infrastructure.

## DEPARTMENT OBJECTIVES

- To develop and maintain the public road infrastructure to ensure the safe passage of motorists and pedestrians.
- To manage the provision of planning, design, construction, installation and maintenance services for electrical and mechanical systems associated with the Government's facilities.
- To manage the provision of structural inspection, design, construction, maintenance and project and contract management services associated with the Government's facilities.
- To arrange for the collection and safe disposal of Bermuda's solid wastes.
- To provide planning, design, construction, operation and maintenance of the Government water extraction, treatment and distribution systems and the waste water collection and distribution systems.
- To manage the Government vehicle fleet and equipment leasing, mechanical maintenance and quarry operations.

# HEAD 82 WORKS & ENGINEERING

# CURRENT ACCOUNT ESTIMATES

## GENERAL SUMMARY

EXPENDITURE PROG BUSINESS UNIT	DESCRIPTION	2014/15 ACTUAL (\$000) (3)	2015/16 ORIGINAL (\$000) (4)	2015/16 REVISED (\$000) (5)	2016/17 ESTIMATE (\$000) (6)	DIFFERENCE 2015/16 vs 2016/17 (\$000) % (7) (8)	
(1)	(2)						
<b>8200</b>	<b>ADMINISTRATION</b>						
92000	ADMINISTRATION	184	162	161	161	(1)	(1)
		<b>184</b>	<b>162</b>	<b>161</b>	<b>161</b>	<b>(1)</b>	<b>(1)</b>
<b>8201</b>	<b>ENGINEERING</b>						
92001	ELECTRICAL/MECHANICAL	381	444	351	461	17	4
92002	ELECTRICAL SUPPORT	1,110	1,222	1,091	1,216	(6)	(0)
92003	STRUCTURES	188	398	359	597	199	50
		<b>1,679</b>	<b>2,064</b>	<b>1,801</b>	<b>2,274</b>	<b>210</b>	<b>10</b>
<b>8202</b>	<b>HIGHWAYS</b>						
92004	MANAGEMENT	712	586	610	537	(49)	(8)
92005	ROADS ASPHALT & SIGNS	1,116	896	1,054	830	(66)	(7)
92006	ROADS MAINTENANCE	970	469	521	821	352	75
92007	ROADS CLEANING	1,461	1,754	1,619	1,797	43	2
		<b>4,259</b>	<b>3,705</b>	<b>3,804</b>	<b>3,985</b>	<b>280</b>	<b>8</b>
<b>8203</b>	<b>WASTE MANAGEMENT</b>						
92009	MANAGEMENT	337	355	345	373	18	5
92011	RECYCLING	1,038	168	925	839	671	399
92012	AIRPORT DISPOSAL FACILITY	1,196	1,073	1,086	1,304	231	22
92013	COMPOSTING OPERATIONS	1,336	1,557	1,620	1,745	188	12
92014	SPECIAL/HAZARDOUS WASTE	988	1,083	1,181	1,314	231	21
92016	TYNES BAY ADMINISTRATION	521	541	520	529	(12)	(2)
92017	TYNES BAY OPERATIONS	2,793	4,528	4,740	4,491	(37)	(1)
92018	TYNES BAY MAINTENANCE	2,009	2,270	2,018	2,291	21	1
92029	SOLID WASTE COLLECTION	4,579	4,332	4,355	4,895	563	13
		<b>14,797</b>	<b>15,907</b>	<b>16,790</b>	<b>17,781</b>	<b>1,874</b>	<b>12</b>
<b>8204</b>	<b>QUARRY TRANSPORT</b>						
92019	ADMINISTRATION	852	522	587	591	69	13
92020	VEHICLES & EQPT. OPS.	2,733	2,911	2,612	2,644	(267)	(9)
92021	VEHICLES & EQPT. MAINT.	4,044	4,332	4,392	4,689	357	8
92034	QUARRY RECEIPTS	(3,979)	(5,200)	(1,645)	(5,200)	0	0
		<b>3,650</b>	<b>2,565</b>	<b>5,946</b>	<b>2,724</b>	<b>159</b>	<b>6</b>
<b>8205</b>	<b>QUARRY PRODUCTS</b>						
92022	PRODUCTS	125	0	0	0	0	0
92023	ASPHALT PLANT	1,155	1,826	1,743	2,140	314	17
92024	QUARRY RECEIPTS	(355)	(1,780)	(2,668)	(2,640)	(860)	48
		<b>925</b>	<b>46</b>	<b>(925)</b>	<b>(500)</b>	<b>(546)</b>	<b>(1,187)</b>

# HEAD 82 WORKS & ENGINEERING - continued

## GENERAL SUMMARY - continued

EXPENDITURE						DIFFERENCE	
PROG		2014/15	2015/16	2015/16	2016/17	2015/16 vs 2016/17	
BUSINESS UNIT	DESCRIPTION	ACTUAL	ORIGINAL	REVISED	ESTIMATE	(\$000)	%
(1)	(2)	(\$000)	(\$000)	(\$000)	(\$000)	(7)	(8)
		(3)	(4)	(5)	(6)		
<b>8206</b>	<b>WATER &amp; SEWAGE</b>						
	92025 WATER & SEWAGE ADMINISTRATION	630	1,163	763	968	(195)	(17)
	92026 WATER SUPPLY & TREATMENT	3,355	3,339	2,328	2,877	(462)	(14)
	92027 WATER SEWAGE & DISTRIBUTION	625	935	674	830	(105)	(11)
	92028 SEWAGE COLLECTION	167	279	293	326	47	17
		<b>4,777</b>	<b>5,716</b>	<b>4,058</b>	<b>5,001</b>	<b>(715)</b>	<b>(13)</b>
	<b>TOTAL</b>	<b>30,271</b>	<b>30,165</b>	<b>31,635</b>	<b>31,426</b>	<b>1,261</b>	<b>4</b>

## SUBJECTIVE ANALYSIS OF CURRENT ACCOUNT ESTIMATES

EXPENDITURE						DIFFERENCE	
OBJECT CODE	DESCRIPTION	2014/15	2015/16	2015/16	2016/17	2015/16 vs 2016/17	
(1)	(2)	ACTUAL	ORIGINAL	REVISED	ESTIMATE	(\$000)	%
		(\$000)	(\$000)	(\$000)	(\$000)	(7)	(8)
		(3)	(4)	(5)	(6)		
	SALARIES	5,777	5,329	5,601	6,100	771	14
	WAGES	14,301	16,571	15,458	16,833	262	2
	TRAINING	23	124	47	98	(26)	(21)
	TRANSPORT	3,591	2,690	1,916	3,632	942	35
	TRAVEL	1	12	7	14	2	17
	COMMUNICATIONS	27	51	45	72	21	41
	ADVERTISING & PROMOTION	52	61	58	58	(3)	(5)
	PROFESSIONAL SERVICES	4,825	6,428	5,247	5,844	(584)	(9)
	RENTALS	19	21	12	12	(9)	(43)
	REPAIR AND MAINTENANCE	386	200	284	310	110	55
	ENERGY	2,359	2,746	2,325	2,498	(248)	(9)
	CLOTHING, UNIFORMS & LAUNDRY	7	28	21	22	(6)	(21)
	MATERIALS & SUPPLIES	3,855	4,632	4,511	5,403	771	17
	EQUIPT. (MINOR CAPITAL)	19	34	21	32	(2)	(6)
	OTHER EXPENSES	6	5	6	7	2	40
	RECEIPTS CREDITED TO PROG.	(4,977)	(8,767)	(3,924)	(9,509)	(742)	8
	<b>TOTAL</b>	<b>30,271</b>	<b>30,165</b>	<b>31,635</b>	<b>31,426</b>	<b>1,261</b>	<b>4</b>

## HEAD 82 WORKS & ENGINEERING - continued

### REVENUE SUMMARY

(1)	(2)	2014/15	2015/16	2015/16	2016/17 ESTIMATE	DIFFERENCE	
		ACTUAL	ORIGINAL	REVISED		2015/16 vs 2016/17	
		(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	%
		(3)	(4)	(5)	(6)	(7)	(8)
	8409 Waste Collection & Disposal	3,662	4,470	3,854	3,849	(621)	(14)
	8519 Trench Permits	9	9	9	9	0	0
	8655 Electricity	2,930	5,000	1,704	7,499	2,499	50
	8657 Recyclables	45	54	84	74	20	37
	8659 Water Sales	3,457	3,439	2,964	2,794	(645)	(19)
	8877 Reimbursements	12	0	1	0	0	0
	8897 Standing Charge Water	161	60	130	94	34	57
		<b>10,276</b>	<b>13,032</b>	<b>8,746</b>	<b>14,319</b>	<b>1,287</b>	<b>10</b>

### EMPLOYEE NUMBERS (FULL-TIME EQUIVALENTS)

(1)	(2)	2014/15	2015/16	2015/16	2016/17 ESTIMATE	DIFFERENCE	
		ACTUAL	ORIGINAL	REVISED		2015/16 vs 2016/17	%
		(3)	(4)	(5)	(6)	(7)	(8)
	92000 ADMINISTRATION	1	1	1	1	0	0
	92001 ELECTRICAL/MECHANICAL	5	7	4	6	(1)	(14)
	92003 STRUCTURES	2	7	4	7	0	0
	92004 MANAGEMENT	9	9	9	9	0	0
	92005 ROADS ASPHALT & SIGNS	17	17	17	17	0	0
	92006 ROADS MAINTENANCE	21	25	20	25	0	0
	92007 ROADS CLEANING	24	25	22	25	0	0
	92009 MANAGEMENT	3	3	3	3	0	0
	92011 RECYCLING	7	2	5	5	3	150
	92012 AIRPORT DISPOSAL FACILITY	5	6	5	6	0	0
	92013 COMPOSTING OPERATIONS	9	9	8	9	0	0
	92014 SPECIAL/HAZARDOUS WASTE	6	6	6	6	0	0
	92016 TYNES BAY ADMINISTRATION	5	5	5	5	0	0
	92017 TYNES BAY OPERATIONS	30	31	30	31	0	0
	92018 TYNES BAY MAINTENANCE	16	15	15	16	1	7
	92019 ADMINISTRATION	2	2	2	2	0	0
	92020 VEHICLES & EQPT. OPS.	32	37	30	32	(5)	(14)
	92021 VEHICLES & EQPT. MAINT.	51	48	48	49	1	2
	92023 ASPHALT PLANT	7	4	7	7	3	75
	92025 WATER & SEWAGE ADMINISTRATION	3	5	3	5	0	0
	92026 WATER SUPPLY & TREATMENT	6	8	6	8	0	0
	92027 WATER SEWAGE & DISTRIBUTION	9	8	8	8	0	0
	92028 SEWAGE COLLECTION	0	1	1	1	0	0
	92029 SOLID WASTE COLLECTION	53	58	50	58	0	0
	<b>TOTAL</b>	<b>323</b>	<b>339</b>	<b>309</b>	<b>341</b>	<b>2</b>	<b>1</b>



## HEAD 82 WORKS & ENGINEERING - continued

### Performance Measures

MEASURE/INDICATOR	ACTUAL OUTCOME 2014/15	ORIGINAL FORECAST 2015/16	REVISED FORECAST 2015/16	TARGET OUTCOME 2016/17
<b>BUSINESS UNIT: 92000 Administration</b>				
1) Accident frequency rate for Department.	6.5	<5	<5	<5
2) Average Number of training days per managerial staff in the department in the year.	5	5	5	5
<b>BUSINESS UNIT: 92001 Electrical/Mechanical</b>				
1) Percentage of managerial hours billed to other Government Departments in the year.	31%	30%	30%	30%
2) Number of communications received from the public, relating to street lighting maintenance per year.	200 (6 months)	300	350	350
<b>BUSINESS UNIT: 92002 Electrical Support</b>				
1) Average number of street lights out per month.	4%	<3%	<3%	<5%
2) Number of new street lights installed per year.	35	30	30	30
<b>BUSINESS UNIT: 92003 Structures</b>				
1) Number of Bridges that have had an inspection (general or principal) during the year.	4	4	4.0	6
2) Number of Public Docks that have been inspected during the year.	10	10	10	15
<b>BUSINESS UNIT: 92004 Highways Management</b>				
1) Number of communications received by members of the public during the year.	1,470	950	1,500	1,500
2) Accident Frequency Rate achieved by section during the year.	9.4	<4	5	<4
<b>BUSINESS UNIT: 92005 Roads Asphalt &amp; Signs</b>				
1) Amount of road centre line marked out during the year.	4 km	27 km	27 km	27 km
2) Amount of public road resurfaced during year.	3.3 km	10 km	7 km	10 km
3) Percentage of public roads that have not been resurfaced in 20 years compared to the overall total.	34.3	30.0	34.3	34.3
<b>BUSINESS UNIT: 92006 Roads Maintenance</b>				
1) Number of Bus shelters built during the year.	1	3	2	3
2) Amount of Sidewalks built during the year.	315 ft	200 ft	1,290 ft	500 ft
3) Amount of wooden fencing installed during the year.	150 ft	150 ft	200 ft	150 ft
<b>BUSINESS UNIT: 92007 Roads Cleaning</b>				
1) Amount of road cleaned by mechanical means in km during the year.	14,000	15,000 km	6,150	15,000
2) Number of emergency call outs.	20	20	35	20
<b>BUSINESS UNIT: 92008 Private Roads</b>				
1) Number of Private Roads on waiting list.	37	35	37	37
2) Number of private roads completed during year.	2	5	2	0
<b>BUSINESS UNIT: 92009 Solid Waste Management</b>				
1) Number of Educational lectures given during year.	45	55	55	55
2) Number of adverts placed during year.	2,400	1,500	1,496	1,500 radio
3) Number of print ads placed per year.	New	New	New	40

## HEAD 82 WORKS & ENGINEERING - continued

### Performance Measures

MEASURE/INDICATOR	ACTUAL OUTCOME 2014/15	ORIGINAL FORECAST 2015/16	REVISED FORECAST 2015/16	TARGET OUTCOME 2016/17
<b>BUSINESS UNIT: 92011 Recycling</b>				
1) Average amount of recycling materials expressed in tons picked up in a month.	100	100	100	100
2) Amount of e-waste material expressed in tons picked up during the year.	40	50	50	50
<b>BUSINESS UNIT: 92012 Airport Disposal Facility</b>				
1) Average amount of materials expressed in loads received per year.	25,500	20,000	20,000	20,000
2) Number of scrapped vehicles received during the year.	871	800	800	800
<b>BUSINESS UNIT: 92013 Composting Operations</b>				
1) Total amount of horticultural waste material expressed in loads delivered to Marsh Folly composting facility during year.	21,551	17,500	17,500	17,500
2) Number of hot spots observed and treated during year.	3	<10	<10	<10
<b>BUSINESS UNIT: 92014 Special/Hazardous Waste</b>				
1) Number of 20 foot containers of hazardous waste exported overseas during the year.	38	50	50	50
2) Amount of asbestos expressed in tons received during the year.	75	50	50	50
<b>BUSINESS UNIT: 92016 Tynes Bay Administration</b>				
1) Number of tours conducted per year.	21	25	30	30
2) Number of complaints from the public drop off received during year.	1	<5	<5	<5
3) Number of qualified power engineers employed during the year.	19	20	19	20
<b>BUSINESS UNIT: 92017 Tynes Bay Operations</b>				
1) Amount of solid waste incinerated during the year. (Tonnes)	54,220	56,000	54,000	55,000
2) Amount of megawatt-hours of electricity generated and sold to Belco in a year.	11,674	25,000	18,000	42,000
3) Amount of ash concrete in cubic yards produced during the year. (Tonnes)	4,803	5,000	5,000	5,500
<b>BUSINESS UNIT: 92018 Tynes Bay Maintenance</b>				
1) Amount of availability for stream 1 during the year.	93%	85%	70%	90%
2) Amount of availability for stream 2 during the year.	70%	85%	80%	75%
3) Amount of availability for Turbine during the year.	97%	85%	75%	95%
<b>BUSINESS UNIT: 92019 Quarry Administration</b>				
1) Amount of customer complaints during the year.	7	10	15	<10
2) Accident Frequency rate for quarry personnel for year.	2	4	13	<4
<b>BUSINESS UNIT: 92020 Quarry Vehicle &amp; Equipment Operation</b>				
1) Average amount of vehicles of the Government fleet, expressed in percentage per week, not operational.	11.8%	12.5%	11.6%	10%
2) Average Number of training days per employee during the year.	2	2	2	2

## HEAD 82 WORKS & ENGINEERING - continued

### Performance Measures

MEASURE/INDICATOR	ACTUAL OUTCOME 2014/15	ORIGINAL FORECAST 2015/16	REVISED FORECAST 2015/16	TARGET OUTCOME 2016/17
<b>BUSINESS UNIT: 92021 Quarry Vehicle &amp; Equipment Maint</b>				
1) Average number of services per Government vehicles per year	1.5	2.0	1.5	2.0
2) Average time in hours to carry out a full service on a Government fleet vehicle during the year.	8	8	7	8
<b>BUSINESS UNIT: 92023 Asphalt Plant</b>				
1) Amount of asphalt produced in the year.	1,963	11,000	9,000	11,000
2) Amount of unplanned downtime of asphalt plant in the year in hours.	1,035	120	630	120
<b>BUSINESS UNIT: 92025 Water &amp; Sewage Administration</b>				
1) Customer enquiries responded to within 24 hours expressed in percentage.	98	100	85	80
2) Total number of metered customers.	970	1,000	960	980
<b>BUSINESS UNIT: 92026 Water Supply &amp; Treatment</b>				
1) Total amount of production of Water per year in Millions of Imperial gallons.	222	300	210	250
2) Total amount of water extracted from the central lenses in Millions of Imperial gallons expressed in gallons per year.	429	550	410	450
3) Weekly bacterial tests complying to DOH standards expressed in percentage.	90	100	98	98
<b>BUSINESS UNIT: 92027 Water Storage &amp; Distribution</b>				
1) Non revenue water. (% volume of the water calculated using the difference between System Input Volume and Billed Authorized Consumption).	30	25	32	Deleted
2) Total number of pipeline installed in year expressed in linear feet.	0	500	10	Deleted
3) Average Main Break Loss of Service Time - From Notification to Correction. (expressed in hours).	New	New	New	48
4) Total number of pipeline breaks repaired in year.	New	New	New	10
<b>BUSINESS UNIT: 92028 Sewage Collection</b>				
1) Total amount of sewage expressed in tons deposited at Tynes bay facility (1 load equivalent to 1/2 ton).	1,646	1,700	1,500	Deleted
2) Total amount of time septage plant is fully operational during year expressed in percentage.	88	96	90	96
3) Total Number of Blockage Incidents in Sewer Collection Mains cleared in year.	New	New	New	10
<b>BUSINESS UNIT: 92029 Solid Waste Collection</b>				
1) Average amount of residential waste expressed in tons picked up per week.	400	400	400	400
2) Average number of working garbage trucks available for work each week.	10	9	9	12

# HEAD 97 LAND TITLE AND REGISTRATION

# CURRENT ACCOUNT ESTIMATES

## MISSION STATEMENT

*To build a sustainable future for Bermuda by effectively providing a service for guaranteeing ownership of land and facilitating property transactions.*

## DEPARTMENT OBJECTIVES

- Create and maintain an electronic register of legal estates and interests in land so providing legal security for owners and third parties.

## GENERAL SUMMARY

EXPENDITURE PROG BUSINESS UNIT	DESCRIPTION	2014/15 ACTUAL (\$000)	2015/16 ORIGINAL (\$000)	2015/16 REVISED (\$000)	2016/17 ESTIMATE (\$000)	DIFFERENCE 2015/16 vs 2016/17	
(1)	(2)	(3)	(4)	(5)	(6)	(\$000) (7)	% (8)
<b>9701</b>	<b>ADMINISTRATION</b>						
	107000 ADMINISTRATION	304	274	265	265	(9)	(3)
	107010 LAND SURVEYS MANAGEMENT	234	261	258	0	(261)	(100)
	107020 MAPPING	3	4	0	0	(4)	(100)
		<b>541</b>	<b>539</b>	<b>523</b>	<b>265</b>	<b>(274)</b>	<b>(51)</b>
<b>9702</b>	<b>LAND TITLE</b>						
	107030 LAND TITLE MANAGEMENT	758	832	689	785	(47)	(6)
	107040 SERVICES	2	0	0	0	0	0
		<b>760</b>	<b>832</b>	<b>689</b>	<b>785</b>	<b>(47)</b>	<b>(6)</b>
	<b>TOTAL</b>	<b>1,301</b>	<b>1,371</b>	<b>1,212</b>	<b>1,050</b>	<b>(321)</b>	<b>(23)</b>

# HEAD 97 LAND TITLE & REGISTRATION - continued

## SUBJECTIVE ANALYSIS OF CURRENT ACCOUNT ESTIMATES

EXPENDITURE						DIFFERENCE	
OBJECT CODE DESCRIPTION		2014/15	2015/16	2015/16	2016/17	2015/16 vs 2016/17	
(1)	(2)	ACTUAL (\$000)	ORIGINAL (\$000)	REVISED (\$000)	ESTIMATE (\$000)	(\$000)	%
		(3)	(4)	(5)	(6)	(7)	(8)
	SALARIES	981	1,057	913	733	(324)	(31)
	TRAINING	6	2	0	2	0	0
	TRAVEL	0	2	2	0	(2)	(100)
	COMMUNICATIONS	3	4	3	4	0	0
	ADVERTISING & PROMOTION	0	0	0	20	20	0
	PROFESSIONAL SERVICES	8	5	3	3	(2)	(40)
	RENTALS	201	200	200	200	0	0
	REPAIR AND MAINTENANCE	94	65	56	55	(10)	(15)
	INSURANCE	0	25	25	25	0	0
	CLOTHING, UNIFORMS & LAUNDRY	1	1	1	0	(1)	(100)
	MATERIALS & SUPPLIES	7	10	9	8	(2)	(20)
	<b>TOTAL</b>	<b>1,301</b>	<b>1,371</b>	<b>1,212</b>	<b>1,050</b>	<b>(321)</b>	<b>(23)</b>

## REVENUE SUMMARY

REVENUE SOURCE		2014/15	2015/16	2015/16	2016/17	DIFFERENCE	
REVENUE SOURCE		ACTUAL (\$000)	ORIGINAL (\$000)	REVISED (\$000)	ESTIMATE (\$000)	2015/16 vs 2016/17	
(1)	(2)	(3)	(4)	(5)	(6)	(\$000)	%
		(3)	(4)	(5)	(6)	(7)	(8)
	8294.01 Appl. For 1st Reg. - Freehold	0	905	0	905	0	0
	8294.02 Appl. For 1st Reg. - Leasehold	0	85	0	85	0	0
	8294.03 Appl. - Change of Owner	0	26	0	26	0	0
	8294.04 Appl. - No Change of Owner	0	20	0	20	0	0
	8294.05 Appl. For Caution	0	50	0	50	0	0
	8294.06 Appl For Copy of Reg. or Map	0	6	0	6	0	0
	8294.07 Appl. For Copy of Documents	0	6	0	6	0	0
	8294.08 Appl. To Inspect The Register	0	3	0	3	0	0
	8294.09 Access to PAM License	0	25	0	25	0	0
	8294.10 Appl. For Search - Priority	0	3	0	3	0	0
	8294.11 Appl. For Search - Non-Priority	0	15	0	15	0	0
	8615 General	1	0	0	0	0	0
	<b>TOTAL</b>	<b>1</b>	<b>1,144</b>	<b>0</b>	<b>1,144</b>	<b>0</b>	<b>0</b>

# HEAD 97 LAND TITLE & REGISTRATION - continued

## EMPLOYEE NUMBERS (FULL-TIME EQUIVALENTS)

BUSINESS UNIT		2014/15	2015/16	2015/16	2016/17	DIFFERENCE	
(1)	DESCRIPTION	ACTUAL	ORIGINAL	REVISED	ESTIMATE	2015/16 vs 2016/17	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	107010 LAND SURVEYS MANAGEMENT	3	3	3	0	(3)	(100)
	107030 LAND TITLE MANAGEMENT	7	8	6	7	(1)	(13)
	<b>TOTAL</b>	<b>10</b>	<b>11</b>	<b>9</b>	<b>7</b>	<b>(4)</b>	<b>(36)</b>

**HEAD 97 LAND TITLE & REGISTRATION - continued**

**Performance Measures**

<b>MEASURE/INDICATOR</b>	<b>ACTUAL OUTCOME 2014/15</b>	<b>ORIGINAL FORECAST 2015/16</b>	<b>REVISED FORECAST 2015/16</b>	<b>TARGET OUTCOME 2016/17</b>
<b>BUSINESS UNIT: Administration (107000)</b>				
The Expenditure will be used by the Department for its day to day functions.	80%	100%	90%	90%
The Department will be capable of providing a broad range of information on private and public land. Information on private and public land.	50%	80%	50%	50%
<b>BUSINESS UNIT: Land Title Management (107030)</b>				
All routine addresses to be assigned within two weeks of receipt of request.	100%	100%	100%	100%
All applications received to register land shall be registered within 50 days of receipt.	100%	100%	100%	100%