water affairs
Department:
Water Affairs
REPUBLIC OF SOUTH AFRICA

MINISTRY
Received
02 NOV 2012
WATER & ENVIRONMENTAL AFFAIRS

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Reference: 16/3/4/1

MINISTER OF WATER AND ENVIRONMENTAL AFFAIRS

NATIONAL ASSEMBLY: QUESTION 2978 FOR WRITTEN REPLY

A draft reply to the above question asked by Mrs M Wenger (DA) is attached for your consideration.

DIRECTOR-GENERAL

DATE: 01/11/2012

DRAFT REPLY APPROVED/~~AMENDED~~

MRS B E E MOLEWA, MP
MINISTER OF WATER AND ENVIRONMENTAL AFFAIRS

DATE: 2012/11/01

- Mava is preparing a statement on the matter
- Check if he had issued it. His timeline is by 15h00 today as per media deadline.

NATIONAL ASSEMBLY

FOR WRITTEN REPLY

QUESTION NO 2978

DATE OF PUBLICATION IN INTERNAL QUESTION PAPER: 26 OCTOBER 2012
(INTERNAL QUESTION PAPER NO. 36)

2978. Mrs M Wenger (DA) to ask the Minister of Water and Environmental Affairs:

(1) Whether efforts by (a) her department and (b) Rand Water has improved the water quality of the Hartbeespoort Dam; if not, what will be done to rectify the situation; if so, how was this conclusion reached;

(2) how (a) much money has been spent on the remediation programme (i) in the 2011-12 financial year and (ii) since 1 April 2012 and (b) are these amounts broken down;

(3) how much money is budgeted for the remediation programme in the (a) 2013-14 and (b) 2015-16 financial years;

(4) whether Rand Water, as implementing agent of the remediation programme at the dam, intends reviewing the effectiveness of current interventions; if so, what are the relevant details; if not,

(5) whether she intends conducting such a review; if not, why not; if so, what are the relevant details? NW3743E

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REPLY:

(1) Yes, efforts made by the Department together with Rand Water have improved the water quality of the Hartbeespoort Dam since 2008 after the implementation of the Integrated Biological Remediation Programme (also known as the Harties metsi a Me Programme). This is according to the monitoring results which were obtained through the Integrated Monitoring Programme conducted since the past four years.

(2)(a)(i) In the 2011/12 financial year, expenditure on the remediation programme was R18 447 454.28 (vat exclusive).

(2)(a)(ii) Expenditure on the remediation programme from 1 April 2012 to September 2012 was R 8 085 537.80 (vat exclusive).

(2)(b) The breakdown expenditure for the 2011/12 financial year and for the period from 1 April 2012 to September 2012 is attached as **Annexure A** and **B** respectively.

(3)(a) Summary breakdown of the budget for the 2013/14 financial year is provided in table 1 below:

Budget 2013-14 Financial Year	**R million (excl. VAT)**
Operations and Maintenance	R 31 038 625.95
Fast Tracking	R 56 548 098.54
Full scale implementation and extension	R 170 983 932.86
Total	**R 258 570 657.35**

(3)(b) Summary breakdown of the budget for the 2015/16 financial year is provided in table 2 below:

Budget 2015-16 Financial Year	**R million (excl. VAT)**
Operations and Maintenance	R 49 441 996.52
Fast Tracking	R 90 397 861.44
Full scale implementation and extension	R 243 489 343.28
Total	**R 383 329 201.24**

(4) No, Rand Water has not within this financial year (2012/13), made provisions for a formal review of the interventions. However, the effectiveness of current interventions is reviewed on an ongoing basis and the implementation is overseen by the Hartbeespoort Dam Inter-governmental Steering Committee. The online Information Management System has all records of documentation, progress reports and expenditure which can form the basis of a review.

(5) Yes, the Department intends to conduct an independent effective, efficient and economy review on the Programme as part of the requirement for further continuation. This review needs to be conducted within three months of approval to continue with Phase II which began in September 2012. The procurement to appoint the Water Research Commission as Implementing Agent to do the review is in process.

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	Opening Balance	Harties Metsi-a-me April Expenditure	May Expenditure	June Expenditure	July Expenditure	Aug Expenditure	Sep Expenditure	Okt Expenditure	Nov Expenditure	Dec Expenditure	Jan Expenditure	Feb Expenditure	Mar Expenditure	Expenditure to date	GRAND TOTAL
DWA Payments / Other Income	100 814 074.75	18 000.00		12 192.98	12 000.00					32 254.34	20 657.46			95 104.78	R 100 909 179.53
Programme Control															
Programme Coordination															
PC1.1 Project Co-ordinating Office (PCO)	R 4 760 249.86	R 15.79		R 800.00					R 3 815.80			R 6 291.60	R 28 745.34	R 39 668.53	R 4 799 918.39
PC1.2 Support to DWA	R 1 260 446.27	R 3 504.00	R 181 400.00	R 9 500.00	R 2 865.25	R 5 548.00	R 379 711.79							R 582 529.04	R 1 842 975.31
PC1.3 Support to IGF & Magalies-Cradle Biospere	R 0.00													R 0.00	R 0.00
PC1.4 Steering Committee & Development of IGF	R 281 682.72		R 7 613.84	R 15 045.20				R 6 385.60				R 1 932.00	R 7 971.60	R 38 948.24	R 320 630.96
PC1.5 Documentation and Reporting	R 893 133.79	R 19 700.00		R 57 089.60	R 43 838.58	R 15 847.40		R 6 147.12	R 24 397.20	R 4 974.13	R 23 721.60	R 10 577.18	R 3 985.80	R 210 278.61	R 1 103 412.40
Programme Coordination Subtotal	**R 7 195 512.64**	**R 23 219.79**	**R 189 013.84**	**R 82 434.80**	**R 46 703.83**	**R 21 395.40**	**R 379 711.79**	**R 12 532.72**	**R 28 213.00**	**R 4 974.13**	**R 23 721.60**	**R 18 800.78**	**R 40 702.74**	**R 871 424.42**	**R 8 066 937.06**
Rand Water Implementation															
PC2.1 Rand Water Implementation	R 0.00													R 0.00	R 0.00
PC2.2 Office Support	R 2 237 462.97	R 94 547.42	R 109 779.49	R 114 529.88	R 149 246.34	R 139 826.48	R 117 373.13	R 170 070.56	R 109 725.92	R 100 026.30	R 82 515.32	R 69 517.23	R 80 813.87	R 1 337 971.94	R 3 575 434.91
PC2.3 SHEQ Compliance	R 724 190.09													R 0.00	R 724 190.09
PC2.4 Policy and Legal Issues	R 411 560.23								R 2 700.00					R 2 700.00	R 414 260.23
PC2.5 Assets (Equipment & Infrastructure)	R 130 259.00	R 12 540.00												R 12 540.00	R 142 799.00
PC2.6 Engineering Services	R 880 662.01			R 12 206.28	R 8 756.28	R 17 480.00	R 5 290.00	R 2 760.00	R 5 890.00					R 52 382.56	R 933 044.57
PC2.7 Research and Development	R 145 879.41													R 0.00	R 145 879.41
Rand Water Implementation Subtotal	**R 4 530 013.71**	**R 107 087.42**	**R 109 779.49**	**R 126 736.16**	**R 158 002.62**	**R 157 306.48**	**R 122 663.13**	**R 172 830.56**	**R 118 315.92**	**R 100 026.30**	**R 82 515.32**	**R 69 517.23**	**R 80 813.87**	**R 1 405 594.50**	**R 5 935 608.21**
Transformation, Community Development and Support															
PC3.1 Private and Corporate Support and Participation	R 1 697 772.00	R 22 870.00	R 22 734.68	R 23 438.56	R 27 439.69	R 45 793.48	R 24 428.18	R 25 797.23	R 27 641.26		R 21 324.63	R 40 345.16	R 23 621.05	R 305 433.92	R 2 003 205.92
PC3.2 Training, Capacity Building and Skills Transfer	R 10 567.50													R 0.00	R 10 567.50
PC3.3 SMME Development	R 0.00													R 0.00	R 0.00
Transf., Comm. Dev. & Support Subtotal	**R 1 708 339.50**	**R 22 870.00**	**R 22 734.68**	**R 23 438.56**	**R 27 439.69**	**R 45 793.48**	**R 24 428.18**	**R 25 797.23**	**R 27 641.26**	**R 0.00**	**R 21 324.63**	**R 40 345.16**	**R 23 621.05**	**R 305 433.92**	**R 2 013 773.42**
Programme Control Subtotal	**R 13 433 865.85**	**R 153 177.21**	**R 321 528.01**	**R 232 609.52**	**R 232 146.14**	**R 224 495.36**	**R 526 803.10**	**R 211 160.51**	**R 174 170.18**	**R 105 000.43**	**R 127 561.55**	**R 128 663.17**	**R 145 137.66**	**R 2 582 452.84**	**R 16 016 318.69**
Support															
SP1.1 Communication and Awareness	R 3 718 924.43	R 13 590.00	R 16 087.20	R 24 393.70	R 106 983.00									R 161 053.90	R 3 879 978.33
SP2.1 Information Management	R 11 336 150.23	R 90 626.60	R 2 598.89	R 117 011.40	R 151 712.80	R 102 320.80	R 141 339.57	R 194 001.09	R 146 473.92	R 150 592.91	R 177 260.09	R 128 177.79	R 135 946.89	R 1 538 062.75	R 12 874 212.98
Support Subtotal	**R 15 055 074.66**	**R 104 216.60**	**R 18 686.09**	**R 141 405.10**	**R 258 695.80**	**R 102 320.80**	**R 141 339.57**	**R 194 001.09**	**R 146 473.92**	**R 150 592.91**	**R 177 260.09**	**R 128 177.79**	**R 135 946.89**	**R 1 699 116.65**	**R 16 754 191.31**
Operation and Maintenance															
OM1.1 RMP Development and Implementation	R 462 689.11													R 0.00	R 462 689.11
OM2.1 Foodweb monitoring	R 3 742 189.27	R 55 194.44	R 99 258.46	R 52 375.67	R 56 452.86	R 57 388.28	R 68 590.88	R 41 352.16	R 48 055.58	R 49 899.72	R 52 583.14	R 81 616.23	R 70 067.52	R 732 834.94	R 4 475 024.21
OM2.2 Parallel Fish Harvesting	R 874 376.23	R 93 455.01	R 77 504.09	R 165 696.81	R 214 581.02	R 77 476.04	R 98 733.83	R 94 051.92	R 79 294.13	R 56 761.31	R 91 755.81	R 122 543.17	R 80 062.78	R 1 251 915.92	R 2 126 292.15
OM2.3 Fish Edibility	R 268 705.00								R 415 320.00	R 64 979.20				R 480 299.20	R 749 004.20
OM3.1 Biomass Harvesting, Removal and Treatment	R 19 896 206.91	R 569 902.26	R 558 216.69	R 547 820.87	R 600 677.93	R 553 209.22	R 515 083.91	R 760 583.64	R 926 781.19	R 501 467.87	R 1 080 953.98	R 749 855.99	R 916 400.47	R 8 280 954.02	R 28 177 160.93
OM4.1 Biomass Establishment	R 5 968 890.04	R 28 231.80	R 52 997.87	R 42 127.19	R 43 389.68	R 21 154.43	R 71 305.38	R 49 439.05	R 43 678.32	R 8 556.00	R 43 421.70	R 48 923.46	R 45 078.68	R 498 303.56	R 6 467 193.60
OM5.1 Sediment Management	R 2 914 779.26	R 48 813.00	R 48 805.66	R 73 405.44	R 57 770.08	R 65 905.96	R 82 713.56	R 90 988.60	R 60 089.06	R 50 828.12	R 86 090.36	R 94 877.14	R 123 220.23	R 883 507.21	R 3 798 286.47
OM6.1 ICC Operations	R 129 234.64	R 13 590.00	R 24 862.79	R 25 343.75	R 3 815.29	R 23 459.14	R 22 152.75	R 3 325.00	R 0.00	R 0.00	R 0.00	R 0.00	R 1 102.50	R 117 651.22	R 246 885.86
Operation and Maintenance Subtotal	**R 34 257 070.46**	**R 809 186.51**	**R 861 645.56**	**R 906 769.73**	**R 976 686.86**	**R 798 593.07**	**R 858 580.31**	**R 1 039 740.37**	**R 1 573 218.28**	**R 732 492.22**	**R 1 354 804.99**	**R 1 097 815.99**	**R 1 235 932.18**	**R 12 245 466.07**	**R 46 502 536.53**
Information Communication & Knowledge Centres															
ICC1.1 Information & Communication Centre	R 1 537 220.28	R 132 295.30	R 13 196.80	R 18 775.20	R 81 817.81	R 60 442.52	R 71 815.28	R 71 392.50	R 79 466.41	R 22 490.71	R 223 962.64	R 117 668.95	R 0.00	R 893 324.12	R 2 430 544.40
ICC2.1 Fish and Foodweb restructuring information hub	R 0.00													R 0.00	R 0.00
ICC2.2 Shoreline and Floating wetland informtion hub	R 0.00													R 0.00	R 0.00
ICC2.3 Sustainable development information hub	R 0.00													R 0.00	R 0.00
ICC2.4 Waste mnimisation information hub	R 0.00													R 0.00	R 0.00
ICC3.1 Ifafi wetland knowledge hub	R 119 260.09	R 16 089.12	R 26 571.66				R 63 599.78				R 7 040.00	R 2 079.00		R 115 379.56	R 234 639.65
ICC4.1 Aquaculture knowledge hub	R 0.00													R 0.00	R 0.00
ICC5.1 Vermiculture knowledge hub	R 23 761.82													R 0.00	R 23 761.82
Information Communication & Knowledge Subtotal	**R 1 680 242.19**	**R 148 384.42**	**R 39 768.46**	**R 18 775.20**	**R 81 817.81**	**R 60 442.52**	**R 135 415.06**	**R 71 392.50**	**R 79 466.41**	**R 22 490.71**	**R 231 002.64**	**R 119 747.95**	**R 0.00**	**R 1 008 703.68**	**R 2 688 945.87**
Compliance and Enforcement															
CE1.1 WUA for Dam Basin	R 916 033.56	R 21 419.82	R 25 825.00	R 8 126.00		R 6 185.90		R 1 800.00	R 5 385.90		R 3 200.00		R 6 885.90	R 78 828.52	R 994 862.08
CE2.1 WUA for HBPD Catchment	R 608 368.18	R 48 296.00	R 21 260.00									R 1 050.00	R 840.00	R 71 446.00	R 679 814.18
CE3.1 WUA for Croc(W)Marico Catchment	R 631 233.80	R 12 505.00	R 6 920.00	R 2 020.00		R 41 470.26								R 62 915.26	R 694 149.06
CE4.1 Waste Minimisation & Recycling	R 88 920.50													R 0.00	R 88 920.50
CE4.2 Wetlands & Instream Habitats	R 1 377 358.51									R 23 697.60		R 19 660.80		R 43 358.40	R 1 420 716.91
CE4.3 Stormwater Management & Rainwater Harvesting	R 0.00													R 0.00	R 0.00
CE5.1 Integrated Monitoring Programme	R 2 557 223.31	R 70 601.50	R 29 488.87	R 17 510.77	R 32 062.91	R 27 285.90	R 19 560.14	R 90 111.07	R 47 972.45	R 45 702.70	R 77 012.59	R 31 159.75	R 28 972.57	R 517 441.22	R 3 074 664.53
CE5.2 Implementation of Waste Discharge charge System	R 1 200.00													R 0.00	R 1 200.00
Compliance and Enforcement Subtotal	**R 6 180 337.86**	**R 152 822.32**	**R 83 493.87**	**R 27 656.77**	**R 32 062.91**	**R 74 942.06**	**R 19 560.14**	**R 91 911.07**	**R 53 358.35**	**R 69 400.30**	**R 80 212.59**	**R 51 870.55**	**R 36 698.47**	**R 773 989.40**	**R 6 954 327.26**
Medium to Long Term Catchment															
CS1.1 Nutrient Management	R 37 118.00													R 0.00	R 37 118.00
CS2.1 Pre-impoundment, River diversion and Treatment	R 428 107.09			R 3 941.40										R 3 941.40	R 432 048.49
CS3.1 Instream and Stormwater Litter Trap	R 243 338.60													R 0.00	R 243 338.60
CS4.1 Downstream Eutrophication Control	R 0.00													R 0.00	R 0.00
CS5.1 Artlure-Fishing in support to WfGD	R 134 612.92													R 0.00	R 134 612.92
CS6.1 Aquaculture knowledge hub	R 117 723.91													R 0.00	R 117 723.91
Medium to Long Term Catchment Subtotal	**R 960 900.52**	**R 0.00**	**R 0.00**	**R 3 941.40**	**R 0.00**	**R 0.00**	**R 0.00**	**R 0.00**	**R 0.00**	**R 0.00**	**R 0.00**	**R 0.00**	**R 0.00**	**R 3 941.40**	**R 964 841.92**
SUB TOTAL (EXCL VAT)	R 71 567 491.54	R 1 367 787.06	R 1 325 121.99	R 1 331 157.72	R 1 581 409.52	R 1 260 793.81	R 1 681 698.18	R 1 608 205.54	R 2 026 687.14	R 1 079 976.57	R 1 970 841.86	R 1 526 275.45	R 1 553 715.20	R 18 313 670.04	R 89 881 161.58
Other Expenses	R 5 002 456.72	R 7 381.76	R 49 646.28	R 15 396.40	R 2 553.70	R 0.00	R 671.00	R 3 843.00	R 616.10	R 15 484.85	R 1 290.05	R 0.00	R 36 901.10	R 133 784.24	R 5 136 240.96
Material	R 1 914.00													R 0.00	R 1 914.00
Tables	R 33 350.00													R 0.00	R 33 350.00
Chairs	R 39 875.00													R 0.00	R 39 875.00
Computer software	R 29 000.00													R 0.00	R 29 000.00
Monitoring Equipment	R 209 001.61													R 0.00	R 209 001.61
Staff Dining Room	R 86.85													R 0.00	R 86.85
Stationary	R 3 403.39													R 0.00	R 3 403.39
Conference Costs	R 17 904.19													R 0.00	R 17 904.19
L-shaped Desks	R 8 692.00													R 0.00	R 8 692.00
Nixon Containers	R 147 400.00													R 0.00	R 147 400.00
Ablution Block Refurbishment	R 239 880.00													R 0.00	R 239 880.00
Change Management Order	R 501 169.00													R 0.00	R 501 169.00
Hotelware CC (Solarbee)	R 1 811 663.96													R 0.00	R 1 811 663.96
Mobile Office Furniture	R 197 439.00													R 0.00	R 197 439.00
Madibeng Conservancy Holdings	R 275 406.67													R 0.00	R 275 406.67
Bhika Incorporated	R 0.00													R 0.00	R 0.00
EcoToursim Afrika Trust	R 304 852.77													R 0.00	R 304 852.77
Zitholele Consulting	R 371 921.56													R 0.00	R 371 921.56
Sample analysis	R 17 256.00		R 38 164.00										R 36 285.00	R 74 449.00	R 91 705.00
Refreshments/Conference Costs	R 10 682.52													R 0.00	R 10 682.52
Internal Audit Time	R 280 488.00													R 0.00	R 280 488.00
Internal Audit Travelling Costs	R 3 854.40													R 0.00	R 3 854.40
Time Allocation Recoverable	R 221 920.00													R 0.00	R 221 920.00
Promotional Gifts	R 11 280.00		R 11 280.00											R 11 280.00	R 22 560.00
Sundry	R 539.21										R 1 290.05			R 1 290.05	R 1 829.26
Travelling Costs	R 263 476.59	R 7 381.76	R 202.28	R 15 396.40	R 2 553.70		R 671.00	R 3 843.00	R 616.10	R 15 484.85			R 616.10	R 46 765.19	R 310 241.78
TOTAL EXPENDITURE	R 76 569 948.26	R 1 375 168.82	R 1 374 768.27	R 1 346 554.12	R 1 583 963.22	R 1 260 793.81	R 1 682 369.18	R 1 612 048.54	R 2 027 303.24	R 1 095 461.42	R 1 972 131.91	R 1 526 275.45	R 1 590 616.30	R 18 447 454.28	R 95 017 402.54
Remaining	**R 24 244 126.49**													**-R 18 447 454.28**	**R 5 891 776.99**
Vat														R 2 582 643.60	
Total Incl VAT														R 21 030 097.88	

		Harties Metsi-a-me							GRAND
	Opening Balance	April Expenditure	May Expenditure	June Expenditure	July Expenditure	Aug Expenditure	Sep Expenditure	Expenditure to date	TOTAL
DWA Payments / Other Income	100 909 179.53							0.00	R 100 909 179.53
Programme Control									
Programme Coordination									
PC1.1 Project Co-ordinating Office (PCO)	R 4 799 918.39							R 0.00	R 4 799 918.39
PC1.2 Support to DWA	R 1 842 975.31							R 0.00	R 1 842 975.31
PC1.3 Support to IGF & Magalies-Cradle Biospere	R 0.00							R 0.00	R 0.00
PC1.4 Steering Committee & Development of IGF	R 320 630.96	R 1 207.50						R 1 207.50	R 321 838.46
PC1.5 Documentation and Reporting	R 1 103 412.40	R 31 824.11	R 16 326.87	R 30 354.46	R 20 353.20			R 98 858.64	R 1 202 271.04
Programme Coordination Subtotal	**R 8 066 937.06**	**R 33 031.61**	**R 16 326.87**	**R 30 354.46**	**R 20 353.20**	**R 0.00**	**R 0.00**	**R 100 066.14**	**R 8 167 003.20**
Rand Water Implementation									
PC2.1 Rand Water Implementation	R 0.00							R 0.00	R 0.00
PC2.2 Office Support	R 3 575 434.91	R 98 148.77	R 518 930.73	R 179 536.25	R 164 652.42	R 201 516.11	R 95 664.57	R 1 258 448.85	R 4 833 883.76
PC2.3 SHEQ Compliance	R 724 190.09							R 0.00	R 724 190.09
PC2.4 Policy and Legal Issues	R 414 260.23							R 0.00	R 414 260.23
PC2.5 Assets (Equipment & Infrastructure)	R 142 799.00							R 0.00	R 142 799.00
PC2.6 Engineering Services	R 933 044.57							R 0.00	R 933 044.57
PC2.7 Research and Development	R 145 879.41							R 0.00	R 145 879.41
Rand Water Implementation Subtotal	**R 5 935 608.21**	**R 98 148.77**	**R 518 930.73**	**R 179 536.25**	**R 164 652.42**	**R 201 516.11**	**R 95 664.57**	**R 1 258 448.85**	**R 7 194 057.06**
Transformation, Community Development and Support									
PC3.1 Private and Corporate Support and Participation	R 2 003 205.92	R 483.00						R 483.00	R 2 003 688.92
PC3.2 Training, Capacity Building and Skills Transfer	R 10 567.50							R 0.00	R 10 567.50
PC3.3 SMME Development	R 0.00							R 0.00	R 0.00
Transf., Comm. Dev. & Support Subtotal	**R 2 013 773.42**	**R 483.00**	**R 0.00**	**R 0.00**	**R 0.00**	**R 0.00**	**R 0.00**	**R 483.00**	**R 2 014 256.42**
Programme Control Subtotal	**R 16 016 318.69**	**R 131 663.38**	**R 535 257.60**	**R 209 890.71**	**R 185 005.62**	**R 201 516.11**	**R 95 664.57**	**R 1 358 997.99**	**R 17 375 316.68**
Support									
SP1.1 Communication and Awareness	R 3 879 978.33	R 75 892.10	R 98 355.04	R 41 616.12				R 215 863.26	R 4 095 841.59
SP2.1 Information Management	R 12 874 212.98	R 145 589.00	R 149 298.24	R 175 650.32	R 256 175.94	R 273 084.00	R 175 996.80	R 1 175 794.30	R 14 050 007.28
Support Subtotal	**R 16 754 191.31**	**R 221 481.10**	**R 247 653.28**	**R 217 266.44**	**R 256 175.94**	**R 273 084.00**	**R 175 996.80**	**R 1 391 657.56**	**R 18 145 848.87**
Operation and Maintenance									
OM1.1 RMP Development and Implementation	R 462 689.11							R 0.00	R 462 689.11
OM2.1 Foodweb monitoring	R 4 475 024.21	R 74 690.11	R 52 860.09	R 132 852.48			R 134 171.03	R 394 573.71	R 4 869 597.92
OM2.2 Parallel Fish Harvesting	R 2 126 292.15	R 219 423.60	R 97 053.29	R 155 092.72			R 96 358.93	R 567 928.54	R 2 694 220.69
OM2.3 Fish Edibility	R 749 004.20							R 0.00	R 749 004.20
OM3.1 Biomass Harvesting, Removal and Treatment	R 28 177 160.93	R 952 449.65	R 1 030 704.10	R 459 535.16	R 443 844.96			R 2 886 533.87	R 31 063 694.80
OM4.1 Biomass Establishment	R 6 467 193.60		R 21 430.22	R 68 463.90	R 226.32			R 90 120.44	R 6 557 314.04
OM5.1 Sediment Management	R 3 798 286.47	R 86 677.92		R 31 538.84			R 58 331.28	R 176 548.04	R 3 974 834.51
OM6.1 ICC Operations	R 246 885.86	R 36 535.80	R 47 001.90	R 9 281.70				R 92 819.40	R 339 705.26
Operation and Maintenance Subtotal	**R 46 502 536.53**	**R 1 369 777.08**	**R 1 249 049.60**	**R 856 764.80**	**R 444 071.28**	**R 0.00**	**R 288 861.24**	**R 4 208 524.00**	**R 50 711 060.53**
Information Communication & Knowledge Centres									
ICC1.1 Information & Communication Centre	R 2 430 544.40		R 50 690.00	R 50 868.71			R 127 244.55	R 228 803.26	R 2 659 347.66
ICC2.1 Fish and Foodweb restructuring information hub	R 0.00							R 0.00	R 0.00
ICC2.2 Shoreline and Floating wetland informtion hub	R 0.00							R 0.00	R 0.00
ICC2.3 Sustainable development information hub	R 0.00							R 0.00	R 0.00
ICC2.4 Waste mnimisation information hub	R 0.00							R 0.00	R 0.00
ICC3.1 Ifafi wetland knowledge hub	R 234 639.65							R 0.00	R 234 639.65
ICC4.1 Aquaculture knowledge hub	R 0.00							R 0.00	R 0.00
ICC5.1 Vermiculture knowledge hub	R 23 761.82							R 0.00	R 23 761.82
Information Communication & Knowledge Subtotal	**R 2 688 945.87**	**R 0.00**	**R 50 690.00**	**R 50 868.71**	**R 0.00**	**R 0.00**	**R 127 244.55**	**R 228 803.26**	**R 2 917 749.13**
Compliance and Enforcement									
CE1.1 WUA for Dam Basin	R 994 862.08							R 0.00	R 994 862.08
CE2.1 WUA for HBPD Catchment	R 679 814.18							R 0.00	R 679 814.18
CE3.1 WUA for Croc(W)Marico Catchment	R 694 149.06							R 0.00	R 694 149.06
CE4.1 Waste Minimisation & Recycling	R 88 920.50							R 0.00	R 88 920.50
CE4.2 Wetlands & Instream Habitats	R 1 420 716.91							R 0.00	R 1 420 716.91
CE4.3 Stormwater Management & Rainwater Harvesting	R 0.00							R 0.00	R 0.00
CE5.1 Integrated Monitoring Programme	R 3 074 664.53	R 23 829.96	R 53 807.62	R 30 529.16	R 19 862.80		R 72 171.00	R 200 200.54	R 3 274 865.07
CE5.2 Implementation of Waste Discharge charge System	R 1 200.00							R 0.00	R 1 200.00
Compliance and Enforcement Subtotal	**R 6 954 327.26**	**R 23 829.96**	**R 53 807.62**	**R 30 529.16**	**R 19 862.80**	**R 0.00**	**R 72 171.00**	**R 200 200.54**	**R 7 154 527.80**
Medium to Long Term Catchment									
CS1.1 Nutrient Management	R 37 118.00							R 0.00	R 37 118.00
CS2.1 Pre-impoundment, River diversion and Treatment	R 432 048.49							R 0.00	R 432 048.49
CS3.1 Instream and Stormwater Litter Trap	R 243 338.60							R 0.00	R 243 338.60
CS4.1 Downstream Eutrophication Control	R 0.00							R 0.00	R 0.00
CS5.1 Artlure-Fishing in support to WfGD	R 134 612.92							R 0.00	R 134 612.92
CS6.1 Aquaculture knowledge hub	R 117 723.91							R 0.00	R 117 723.91
Medium to Long Term Catchment Subtotal	**R 964 841.92**	**R 0.00**	**R 0.00**	**R 0.00**	**R 0.00**	**R 0.00**	**R 0.00**	**R 0.00**	**R 964 841.92**
SUB TOTAL (EXCL VAT)	R 89 881 161.58	R 1 746 751.52	R 2 136 458.10	R 1 365 319.82	R 905 115.64	R 474 600.11	R 759 938.16	R 7 388 183.35	R 97 269 344.93
Other Expenses	R 5 136 240.96	R 155 401.04	R 406 667.50	R 21 802.60	R 8 273.32	R 17 271.87	R 87 938.12	R 697 354.45	R 5 825 235.18
Material	R 1 914.00							R 0.00	R 1 914.00
Tables	R 33 350.00							R 0.00	R 33 350.00
Chairs	R 39 875.00							R 0.00	R 39 875.00
Computer software and hardware	R 29 000.00	R 154 640.00						R 154 640.00	R 183 640.00
Monitoring Equipment	R 209 001.61							R 0.00	R 209 001.61
Staff Dining Room	R 86.85							R 0.00	R 86.85
Stationary	R 3 403.39							R 0.00	R 3 403.39
Conference Costs	R 17 904.19							R 0.00	R 17 904.19
L-shaped Desks	R 8 692.00							R 0.00	R 8 692.00
Nixon Containers	R 147 400.00							R 0.00	R 147 400.00
Ablution Block Refurbishment	R 239 880.00							R 0.00	R 239 880.00
Change Management Order	R 501 169.00							R 0.00	R 501 169.00
Hotelware CC (Solarbee)	R 1 811 663.96							R 0.00	R 1 811 663.96
Mobile Office Furniture	R 197 439.00							R 0.00	R 197 439.00
Madibeng Conservancy Holdings	R 275 406.67							R 0.00	R 275 406.67
Legal fees - Bhika Incorporated	R 0.00		R 404 638.02					R 404 638.02	R 404 638.02
EcoToursim Afrika Trust	R 304 852.77							R 0.00	R 304 852.77
Zitholele Consulting	R 371 921.56							R 0.00	R 371 921.56
Sample analysis	R 91 705.00			R 2 514.00				R 2 514.00	R 94 219.00
Refreshments/Conference Costs	R 10 682.52							R 0.00	R 10 682.52
Internal Audit Time	R 280 488.00							R 0.00	R 280 488.00
Internal Audit Travelling Costs	R 3 854.40							R 0.00	R 3 854.40
Time Allocation Recoverable	R 221 920.00						R 87 789.00	R 87 789.00	R 309 709.00
Promotional Gifts	R 22 560.00							R 0.00	R 22 560.00
Sundry	R 1 829.26	R 39.90	R 45.00					R 84.90	R 1 914.16
Limnologist meeting	R 0.00					R 8 360.23		R 8 360.23	
Travelling Costs	R 310 241.78	R 721.14	R 1 984.48	R 19 288.60	R 8 273.32	R 8 911.64	R 149.12	R 39 328.30	R 349 570.08
TOTAL EXPENDITURE	R 95 017 402.54	R 1 902 152.56	R 2 543 125.60	R 1 387 122.42	R 913 388.96	R 491 871.98	R 847 876.28	R 8 085 537.80	R 103 094 580.11
Remaining	**R 5 891 776.99**							**-R 8 085 537.80**	**-R 2 185 400.58**
Vat								R 1 131 975.29	
Total Incl VAT								R 9 217 513.09	