PUBLIC

#### ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

#### QUESTIONS ON NOTICE SUPPLEMENTARY INFORMATION

2 7 JUN 2012

#### Wednesday 6 June 2012

#### **Department of Water**

Hon. L Ravlich asked -

1. I refer to the \$9.31m Efficiency Dividend for Department of Water over the forward estimates and I ask, of the \$1.35m to be delivered in 2012-13 can the Minister provide a schedule of the savings measures?

#### Answer:

The savings measures have not yet been finalised.

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# ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

# QUESTIONS ON NOTICE SUPPLEMENTARY INFORMATION

# Wednesday 6 June 2012

# Department of Water

Hon. A Farina asked -

- I refer to page 848 and the section headed "Major Spending Changes" and the line item "Water and Natural Resource Management (Royalties for Regions) and ask-
- a) for the 2011/12 financial year, for a list of all projects and/or programs Royalties for Regions funded and the total funding allocated to each project and/or project from
- *b*) for the 2012/13 financial year, for a list of all projects to be funded and the total funding allocated to each project from Royalties for Regions
- 0 noting that the forward estimates out years, in particular in 2015/16, show Natural Resource Management, does the government intend to make up the Minister show me where this is indicated in the budget papers? resource management through the Dept of Water budget and if yes, will this shortfall by providing additional funding for water and natural a significant decline in funding from Royalties for Regions for Water and

# Answer:

- a b) Refer Questions on Notice Supplementary Information No. C9
- c) There is no additional funding in the budget papers.



Wednesday 6 June 2012

#### **Department of Water**

Hon. A Farina asked -

3. I refer to page 849 and the section headed "Significant issues impacting the Agency" dot point 5 and ask of the \$35.3 million to improve the State's knowledge of groundwater resources. How much of this funding is being spent in the SW region and which SW groundwater resources will be examined as part of this program?

#### Answer:

The South West, Scott River groundwater investigations have a budget of \$1.585 million. The groundwater resources of the superficial, Leederville and Yarragadee aquifers are the focus of this investigation.



#### Wednesday 6 June 2012

#### **Department of Water**

Hon. A Farina asked –

- 4. I refer to page 852 heading "Catchment and Waterways Health" and ask
  - a) of the \$6.6 million allocated in the budget, how much of this money is being spent on waterways and catchments in the SW?
  - b) list the waterways and catchments that will receive funding for each of these waterways and catchments state
    - i. what work is being done
    - ii. total funding allocated
    - iii. who is doing the work community group, catchment council or the department itself
  - c) with the state of waterways and catchments continuing to decline, why has funding for waterways and catchment health been cut by about \$4 million since 2010?; and
  - d) with the state of waterways and catchments continuing to decline, why will the number of FTEs working in this important area be slashed from 87 in 2010/11 to 38 in 2012/13 this is a reduction of more than half?

#### Answer:

- *a*) \$6,234,925
- b) i), ii) and iii)

	What work will be done?	Total funding allocated	Who is doing the work?
Peel Harvey Estuary Leschenault Estuary Vasse Geographe and Hardy Estuaries	Develop and implement water quality improvement plans and estuarine condition reporting	\$4,489,541	Department of Water
Collie catchment Warren catchment Blackwood catchment Kent catchment Denmark catchment	Maintain or reduce stream salinity.	\$1,745,384	Department of Water

- c) The reduction in external funding over recent years can be attributed to the decline particularly in commonwealth funding with many currently funded projects approaching finalisation. Funds for new projects are no longer being made available and are instead being directed to Commonwealth priorities rather than those identified by the States.
- d) Refer answer 4c.

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#### ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

#### QUESTIONS ON NOTICE SUPPLEMENTARY INFORMATION

#### Wednesday 6 June 2012

#### **Department of Water**

Hon. A Farina asked -

- 5. I refer to the "Leschenault Estuary Water Quality Improvement Plan: Draft for public comment" and ask
  - a) when will the final plan be released and why has there been a delay in releasing the final plan?
  - b) what funding has been allocated in the 2012/13 Budget for the implementation of the Plan?

#### Answer:

- a) The Leschenault Water Quality Improvement Plan is being progressed. The release of the plan has been delayed as the department finalises consultation with external stakeholders.
- b) There is departmental operational, measurement and support funding provided for the management of the Leschenault in 2012/13 from within the Department of Water's budget.



Wednesday 6 June 2012

#### **Department of Water**

Hon. A Farina asked –

6. I refer to page 855 and the table headed "Income Statement" and the line item "Royalties for Region Fund income of \$4.462 million" and ask that the Minister detail all programs and/or projects to be funded from Royalties for Regions and in relation to each of these programs/projects, the amount of Royalties for Regions funding to be directed to the project/program and what proportion of overall cost of the project/program is being funded from Royalties for Regions.

#### Answer:

The projects are funded by Royalties for Regions as per the budget papers are on the attached chart.



	Total Project Cost (2011-12 onwards)	Total Royalties for Regions Funding (2011-12 onwards)	% Project Cost Funded by Royalties for Regions (2011-12 onwards)
Project Details	\$ million	\$ million	\$ million
District allowances for regional staff	1.023	1.023	100%
Gascoyne Irrigation Pipeline Project (1)	19.065	6.565	34%
Groundwater investigation, South Coast	1.561	1.561	100%
Groundwater investigation, South West, Scott River	1.585	1.585	100%
Groundwater investigation, West Midlands	0.600	0.600	100%
Groundwater investigation, Hammersley Ranges, Bungaroo	0.600	0.600	100%
Groundwater investigation, Murchison paleovalleys	1.900	1.900	100%
Groundwater investigation, Dampier Peninsula	2.865	2.865	100%
Water demand modelling	0.600	0.600	100%
Online accessibility of water information and demand modelling	3.109	3.109	100%
Collie Kemerton Integrated Water Management Strategy Implementation Plan preparation	0.500	0.500	100%
Groundwater investigation, West-Canning Basin	15.130	11.000	73%
Pilbara Cities climate variability and water demands assessment	1.500	1.500	100%
Collie Kemerton Industrial Water Strategy Implementation Plan	4.700	4.700	100%
Total	54.738	38,108	

Note (1). This amount does not include \$1m received from the Royalties for Regions Fund in 2010-11. The total cost over the whole project period is \$20.065 million, of which Royalties for Regions funded \$7.565 Million, which is 38% of the total project.

#### Wednesday 6 June 2012

#### **Department of Water**

Hon. A Farina asked –

- 7. I refer to page 856 and the table "Details of Controlled Grants and Subsidies" and the last line item "Water and Natural Resource Management Initiative (R4R)" and note that the funding program has been cut by \$60,000 in the 2012/13 financial year and will be slashed in 2013/14 by \$240,000 and axed altogether in 2014/15 and ask
  - a) the Minister to explain why this community grants program is being slashed?
  - b) has the funding program been unsuccessful and if so why?
  - c) to provide a list of all funding grants issued under the program in 2011/12?
  - d) to provide details of how community groups can apply for these funding grants in 2012/13?

#### Answer:

- a) The Water and Natural Resource Management Initiative referred to on page 856 is not a community grants scheme. It is a Royalties for Regions funded initiative being delivered in partnership between the Department of Water, the Department of Agriculture and Food, and the Department of Regional Development and Lands. This funding is pre-set and allocated against agreed outcomes, thus vary between years. Funding ceases in 2015/16.
- b) Not applicable.
- c) Not applicable.
- d) Not applicable.

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#### Wednesday 6 June 2012

#### **Department of Water**

Hon. A Farina asked -

8. I refer to page 853 and the section headed "Asset Investment Program". The new works program indicates that funding for groundwater resources investigation and monitoring for 2012/13 is \$1.799 million. This is significantly less than the funding allocated in 2011/12 of \$2.54 million representing a cut in funding of \$741,000. Will the Minister explain how the department can maintain this program with such a significant cut in funding and what investigations and monitoring will be cut to accommodate the significant cut in funding?

#### Answer:

There will be no reductions in the planned groundwater investigation program. Since its inception in 2007/08, this program has experienced some difficulty in engaging contractors due to the State's mining boom. This has meant deferring and carrying over of unspent funding from one year to the next and across forward estimates periods.

The approved budgets for the State Groundwater Investigation Program for 2011/12 and 2012/13 were \$1,747,000 and \$1,799,000 respectively. Because of the lack of drilling contractors, \$793,000 was deferred to 2011/12 increasing the budget to \$2,540,000. This explains the apparent drop in funding for 2012/13.

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#### Wednesday 6 June 2012

#### **Department of Water**

Hon. A Farina asked -

9. I refer to page 853 and the section headed "Asset Investment Program". The new works program for replacement and maintaining bores for 2012/13 has a funding allocation of \$2.907 million which is less than the funding allocated in 2011/12 of \$2.945 million. I assume the number of bores has not reduced. How will the department be able to maintain the replacement and maintenance program with a cut in funding? Will the Minister assure the community that the cut in the funding will not compromise the operational capacity of all bores?

#### Answer:

Since its inception in 2007/08, this program has experienced some difficulty in engaging contractors due the State's mining boom. This has meant deferring and carrying over of unspent funding from one year to next and across forward estimates periods. Subsequently the original cash flows associated with the program have been affected by these deferrals and carryovers.

The department has a detailed annual works program. In 2012/13 approximately 25 groundwater bores are proposed for replacement. The priority areas for this work are the North Gnangara groundwater system and West Canning Basin in the Pilbara.



#### Wednesday 6 June 2012

#### **Department of Water**

Hon. A Farina asked -

10. I refer to page 853 and the section headed "Asset Investment Program". The new works program for replacement and maintenance of river gauging stations has a funding allocation of \$1.308 million for 2012/13 which is significantly less than the 2011/12 allocation of \$1.926 million and ask how will the department be able to maintain the replacement and maintenance with such a significant cut in funding? Will the Minister assure the community that this cut in funding will not compromise the operational capacity of gauging stations?

#### Answer:

Since its inception in 2007/08, this program has experienced some difficulty in engaging contractors due the State's mining boom. This has meant deferring and carrying over of unspent funding from one year to next and across forward estimates periods. Subsequently the original cash flows associated with the programs have been affected by these deferrals and carryovers.

No river gauging station assets were replaced in 2011/12, however 111 sites had programmed maintenance undertaken including minor maintenance through to platform, ladder and instrument shelter upgrades. An additional 205 sites had existing Telemetry equipment replaced with Internet Protocol Telemetry.

In 2012/13 one river gauging station on the Collie River East is planned for replacement. Planning for the maintenance program and replacement of existing telemetry equipment is also well advanced. A possible 74 sites could have Internet Protocol Telemetry (in line with the Department of Water Telemetry Strategy) with a similar number of sites having planned maintenance or upgrading.



Wednesday 6 June 2012

#### **Department of Water**

Hon. A Farina asked -

11. I refer to page 850 dot point 2 which makes reference to delivering in 2012/13 a State recycling policy and ask when will the policy be made public?

#### Answer:

A draft policy will be delivered to Government for consideration ahead of release for public comment in the later part of 2012.



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#### **Department of Water**

Hon. A Farina asked –

- 12. I refer to page 850 and the table "Outcomes and Key Effectiveness Indicators" and the line "proportion of water resources with licenced allocations that are within the allocation limits" and note that this at 85% indicating that 15% of water resources have licenced allocations that are over the allocation limits and ask
  - a) which water resources have licenced allocations that are over the allocation limits?
  - b) in relation to each of these water resources how much is the licensed allocation over the allocation limits?
  - c) in relation to each of these water resources what is being done to address the over allocation?

#### Answer:

- a b) See attached table.
- c) When allocation limits are exceeded (usually due to declining rainfall), a recovery approach is triggered. In over allocated areas:
  - i. No new licence entitlements are issued.
  - ii. Licensed are managed to reduce the risk of further over use through efficiency, recoup of unused entitlements, compliance and consideration of other sources.
  - iii. Allocation limits may be reduced.

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Groundwater Area	Groundwater Subarea	Aquifer Description	% Committed	Amount over allocation limit (kL)	Comments	
Albany	Marbelup	Bremer West - Superficial	105.61%	-3242		
Albany	Racecourse	Bremer West - Superficial	107.51%	-57678		
Blackwood	Cape to Cape South	Perth - Blackwood Surficial	880.00%	-78000		
Blackwood	Rosa-Beenup	Perth - Lesueur Sandstone South.	109.76%	-292800		
Bunbury	Australind	Perth - Superficial Swan	216.32%	-181000		
Bunbury	Bunbury East	Perth - Leederville.	116.07%	-321400		
Bunbury	Bunbury East	Perth - Superficial Swan	100.44%	-2500		
Bunbury	Dardanup	Perth - Superficial Swan	462.90%	-872600		
Bunbury	Kemerton South	Perth - Leederville.	100.59%	-29000		
Busselton-	Busselton-	Perth - Yarragadee South.	101.15%	429650		
Capel Busselton- Capel	Yarragadee Cape to Cape North	Leeuwin - Fractured Rock	126.68%	-428650 -24950		
Busselton- Capel	Cape to Cape North	Perth - Blackwood Surficial	251.59%	-81100		
Busselton- Capel	Cowaramup	Leeuwin - Surficial	160.00%	-6000		
Busselton- Capel	Cowaramup	Perth - Blackwood Surficial	112.15%	-104950		
Busselton- Capel	Donnybrook	Perth - Leederville.	115.89%	-358675		
Busselton- Capel	Dunsborough- Vasse	Perth - Blackwood Surficial	104.53%	-28000		
Busselton- Capel	Dunsborough- Vasse	Perth - Leederville.	102.35%	-126940		
Canning- Kimberley	Canning- Kimberley	Bonaparte - Superficial	330.00%	-230000		
Cockburn	Cockburn Confined	Perth - Leederville.	111.11%	-150000		
Cockburn	Cockburn Confined	Perth - Yarragadee North.	100.11%	-5689		
Collie	Cardiff	Collie - Lower Collie Group.	296.39%	-4929500		
Collie	Cardiff	Collie - Muja.  Collie - Lower Collie	145.53%	-815000	mi i i	
Collie	Premier	Group.	3136.36%	-66800000	This relates to mine dewatering	
Gascoyne	Area A	Lower Gascoyne Alluvial	133.85%	-2065000		
Gascoyne	Exmouth North	Carnarvon - Cape Range Limestone	108.50%	-17000		
Gingin	Beermullah Plain	Perth - Superficial Swan	133.46%			
Gingin	South Central Coastal Semi-confined	Perth - Leederville.	161.89%	-903430 -1733050		
Gingin	Cowalla Confined	Perth - Leederville - Parmelia.	127.35%	-5195564		
Gingin	Eclipse Hill	Perth - Superficial Swan	134.71%	-340200		
Gingin	Gingin Townsite	Perth - Superficial Swan	2416.50%	-23165		
Gingin	Guilderton North	Perth - Superficial Swan	126.92%	-1582648		
Gingin	Guilderton South	Perth - Superficial Swan	114.35%	-1403929		
Gingin	Lake Mungala	Perth - Superficial Swan	160.27%	-1277553	-	
Gingin	Lancelin	Perth - Superficial Swan	105.57%	-851227		

Gingin	Red Gully	Perth - Superficial Swan	154.09%	-384014
Gingin	SA 3 South	Perth - Leederville.	117.76%	-461750
Gingin	Seabird	Perth - Superficial Swan	105.22%	-667214
Gingin	Southern Scarp Semi-confined	Perth - Mirrabooka	177.21%	-220040
Gingin	Wannamal Confined	Perth - Yarragadee North.	107.90%	-102650
Gnangara	Gnangara Confined	Perth - Leederville.	139.31%	-5150000
Gnangara	Gnangara Confined	Perth - Yarragadee North.	299.03%	-10250000
Gnangara	Wanneroo Wellfield	Perth - Superficial Swan	105.94%	-650000
Goldfields	Lake Carey	Combined - Fractured Rock West - Fractured Rock	101.38%	-1381205
Goldfields	Raeside	Palaeochannel - Fractured Rock	130.00%	-300000
Gwelup	Gwelup	Perth - Mirrabooka	116.42%	-550000
Gwelup	Gwelup	Perth - Superficial Swan	189.36%	-3174478
Gwelup	Gwelup Confined	Perth - Leederville.	140.57%	-2150000
Gwelup	Gwelup Confined	Perth - Yarragadee North.	101.33%	-100000
Jandakot	Jandakot Confined	Perth - Leederville.	471.43%	-6500000
Karri	Karri	Perth - Leederville.	105.37%	-6650
Karri	Karri	Perth - Yarragadee South.	122.94%	-250000
Mirrabooka	Ballajura	Perth - Superficial Swan	107.96%	-241485
Mirrabooka	Henley Brook	Perth - Superficial Swan	108.92%	-80191
Mirrabooka	Improvement Plan	Perth - Superficial Swan	101.80%	-48426
Mirrabooka	Mirrabooka Confined	Perth - Leederville.	160.03%	-3601650
Mirrabooka	Mirrabooka Confined	Perth - Yarragadee North.	161.54%	-800000
Mirrabooka	State Forest	Perth - Superficial Swan	118.64%	-167424
Mirrabooka	Whiteman Park	Perth - Mirrabooka	101.67%	-5000
Mirrabooka	Whiteman Park	Perth - Superficial Swan	146.80%	-405768
Murray	Pinjarra	Perth - Cattamarra Coal Measures.	253.40%	-3988500
Perth	City of Nedlands	Perth - Superficial Swan	101.83%	-42175
Perth	City of Perth	Perth - Superficial Swan	238.52%	-2076307
Perth	City of Stirling	Perth - Superficial Swan	120.83%	-1969160
Perth	City of Subiaco	Perth - Superficial Swan	130.76%	-306225
Perth	Perth North Confined	Perth - Leederville.	138.50%	-4119220
Perth	Perth North Confined	Perth - Yarragadee North.	108.27%	-1633000
Perth	Perth South Confined	Perth - Leederville.	130.35%	-1365630
Perth	Perth South Confined	Perth - Yarragadee North.	126.67%	-400000
Perth	Quinns	Perth - Superficial Swan	107.75%	-1355189
Perth	Shire of Swan South	Perth - Superficial Swan	259.84%	-631125
Perth	Town of East Fremantle	Perth - Superficial Swan	101.25%	-1250

Perth	Town of Vincent Whitfords	Perth - Superficial Swan	134.06%	-340581	
Perth		Perth - Superficial Swan	110.84%	-1283883	
Pilbara	Ashburton	Carnarvon - Birdrong.	306.67%	-620000	
Rockingham	Cooloongup	Perth - Superficial Swan and	130.51%		
		Rockingham Sand		-83000	
Rockingham	Karnup West	Perth - Superficial Swan and Rockingham Sand	100.84%	-6780	
Serpentine	Keysbrook 1	Perth - Leederville.	116.63%	-124690	
Serpentine	Serpentine 1	Perth - Leederville.	130.79%	-138545	
South West Coastal	Lake Preston	Perth - Leederville.	102.04%	-10000	
South West Coastal	Lake Preston South	Perth - Superficial Swan	103.99%	-418800	
South West Coastal	Mandurah	Perth - Leederville.	128.31%	-283087	
Stakehill	Outridge	Perth - Superficial Swan	102.33%	-51136	
Stakehill	Stakehill Confined	Perth - Leederville.	131.95%	-124483	
Swan	Central Swan	Perth - Superficial Swan	187.68%	-627781	
Swan	East Swan	Perth - Superficial Swan	162.74%	-389214	
Swan	Neaves	Perth - Superficial Swan	190.55%	-1629980	
Swan	North Swan	Perth - Superficial Swan	188.11%	-1378208	
Swan	Radar	Perth - Superficial Swan	127.25%	-486955	
Swan	South Swan	Perth - Superficial Swan	112.96%	-440865	
Swan	Swan Confined	Perth - Leederville.	108.83%	-441441	
Wanneroo	Adams	Perth - Superficial Swan	132.62%	-275808	
Wanneroo	Carabooda	Perth - Superficial Swan	140.45%	-2315455	
Wanneroo	Carramar	Perth - Superficial Swan	108.19%	-113440	
Wanneroo	Jandabup	Perth - Superficial Swan	114.57%	-22680	
Wanneroo	Lake Gnangara	Perth - Superficial Swan	100.46%	-32917	
Wanneroo	Mariginiup	Perth - Superficial Swan	123.34%	-810740	
Wanneroo	Neerabup	Perth - Superficial Swan	107.49%	-178130	
Wanneroo	Nowergup	Perth - Superficial Swan	155.14%	-983935	
Wanneroo	Pinjar	Perth - Superficial Swan	162.61%	-268615	
Wanneroo	Wanneroo Confined	Perth - Leederville.	114.68%	-183490	
Wanneroo	Wanneroo Confined	Perth - Yarragadee North.	130.00%	-1500000	
Westonia	Westonia	Combined - Fractured Rock West - Fractured Rock	116.01%	-448325	

#### Wednesday 6 June 2012

#### **Department of Water**

Hon. A Farina asked -

13. I refer to page 852 and the table "water use allocation and optimisation" and the efficiency indicators and ask that you explain the difference between the four categories listed, being category 1, category 2, category 3 and category 4?

#### Answer:

The resource categories relate to the amount of water allocated within the resources.

Category 1 = 0-30% Allocated

Category 2 = 30-70% Allocated

Category 3 = 70 - <100% Allocated

Category  $4 = \ge 100\%$  Allocated

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#### Wednesday 6 June 2012

#### **Department of Water**

Hon. A Farina asked –

14. I refer to page 848 under the heading "major spending changes" and the line item "organisational restructure and voluntary severance" and note the significant savings that are expected to accrue from this and ask how many FTEs do you expect to be cut from the Department of Water allocation as a result of this process? How many of these FTEs do you expect will be cut from the SW region?

#### Answer:

At the commencement of 2011/12, DoW funded 573.5 FTEs and has an FTE cap of 486 in the 2012/13 Budget Papers (inclusive of 1 FTE transferred from the Office of Shared Services). This amounts to an overall reduction of 87.5 FTEs.

Four fixed-term contracts in the South West region were not renewed in 2011/12 but the work will continue to be delivered. Two positions were internally reallocated to the Regulation Division to support the regulatory function.

The department is already operating below the cap of 486 FTE.

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#### Wednesday 6 June 2012

#### **Department of Water**

Hon. A Farina asked –

- 15. I refer to page 848 under the heading "major spending changes" and the line item "Projects funded from external revenue" and ask that you detail
  - a) the projects funded from external revenue
  - b) for each project, the external revenue source
  - c) for each project, the quantum of funding provided by each external revenue source identified in (b)

Answer:

Refer to Supplementary Question C11

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#### Wednesday 6 June 2012

#### **Department of Water**

Hon. A Farina asked -

16. I refer to the Leschenault Estuary and the rivers and tributaries feeding into the Estuary and ask how much funding has been allocated in the 2012/13 Budget to improve water quality in these waterways? Please provide details of the projects/programs being funded and the total funding allocated.

#### Answer:

Funding for the management of the Leschenault Estuary and its catchment is part of the general departmental operational, measurement and support funding.

#### Specific programs are:

- Measurement services to monitor a number of groundwater and surface water sites in the catchment, plus a limited amount of in-estuarine monitoring;
- The provision of land use planning advice, in part using the Leschenault Water Quality Improvement Plan; and
- Partnering with the Leschenault Catchment Council to provide technical advice and general equiries.

