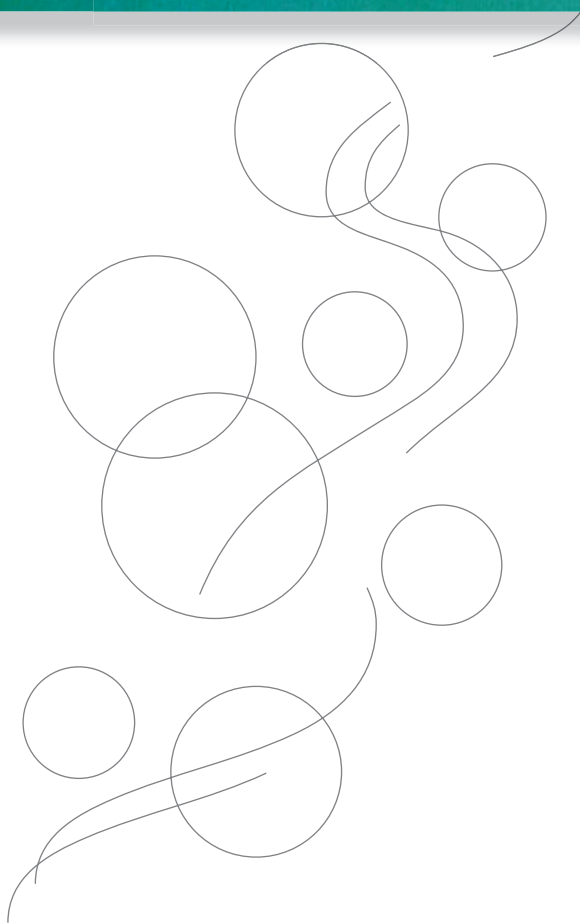




Central Queensland

Regional water supply strategy implementation

2007 annual report



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The information contained in this document is a guide only to issues associated with the development of a whole of government strategy to address the region's water supply challenges. Landholders and others who believe their activities may be affected by any proposal contained in this document should seek additional information from their local Natural Resources and Water office and obtain independent professional advice in relation to any property or associated water usage issues. The State of Queensland, the Department of Natural Resources and Water and its employees do not accept any liability for any damages arising from reliance on the information contained in this document.

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1. Introduction

The Central Queensland Regional Water Supply Strategy was developed through a partnership between the Queensland Government, local government, and Indigenous and community representatives. The strategy, released in December 2006, has sought to identify the most effective ways of meeting the region's water supply challenges.

This report summarises the progress made in 2007 towards implementing the strategy. Details of the actions taken in 2007 for each strategy action in the Central Queensland Regional Water Supply Strategy are given in Appendix A.

2. Development of identified infrastructure

The government announced a \$420m investment towards delivering a statewide grid. This includes:

- \$14m for raising Eden Bann Weir
- \$22m for constructing Rookwood Weir
- \$56.5m for constructing Connors River Dam
- \$120m for constructing Nathan Dam
- \$60m for Connors River Dam pipelines
- \$20m for Rockhampton to Capricorn Coast pipeline
- \$48m for Fitzroy to Gladstone pipeline.

The Department of Infrastructure and Planning (DIP) is leading the delivery of these projects, and together with the Department of Natural Resources and Water (NRW) have established a detailed and costed program to deliver the *Statewide Water Policy* projects.

Proponents have been appointed to investigate and prepare business cases for submission to government.

3. Urban communities strategy

The Central Queensland Small Communities Water Study commenced in August 2007. Managed by the Central Queensland Local Government Association (CQLGA), a steering committee comprising representatives of the CQLGA, local governments, the Department of Local Government, Sport and Recreation, and NRW was established to oversee the study. The study is on track for completion in early 2008.

The study is considering water supply options and issues for 45 small communities located in 16 shires (pre-council amalgamation) across central Queensland. The consultants visited many of the communities in late 2007 to help understand the key supply issues for each community. A number of communities are experiencing rapid population growth due to mining developments. Other communities have problems with declining water quality, while others are exhausting their existing water supplies in extended dry periods.

Potential strategies in respect to water affordability are being considered through an interdepartmental committee on community water supply.

The draft Moranbah Town Water Supply protocol was developed between the Belyando Shire Council and the Queensland Government to improve the delivery of services to this mining town. A consultancy on domestic water use in Moranbah is currently underway.

4. Isaac–Connors subregion

The Burdekin to Moranbah pipeline has been operational since August 2007. The 218 kilometre SunWater pipeline can deliver 17 000 megalitres per annum (ML/a), with augmentation of pumps capable of increasing capacity to 23 000 ML/a.

SunWater was appointed as proponent to prepare a business case for the Connors River Dam and its associated pipeline(s). Studies have commenced with the view of having a preliminary design and an environmental impact study and approvals completed by 2010.

Work on a draft amendment of the Fitzroy Basin Water Resource Plan is underway to include groundwater in the Isaac–Connors subcatchment, including the Braeside Borefield.

5. Lower Mackenzie–Fitzroy

NRW have completed eight pre-feasibility studies to progress the raising of Eden Bann Weir and constructing Rookwood Weir. These studies were on fish, turtles, saltwater crocodiles, social and non-Indigenous cultural heritage, Indigenous cultural heritage, native vegetation and terrestrial ecosystems, access roads, as well as a geotechnical and engineering appraisal of Rookwood Weir. The studies were to investigate any fatal flaws and to develop draft management and mitigation options for potential adverse impacts on the biophysical, socioeconomic and cultural environment. The reports have been provided to DIP for information to assist them in the development of the business case.

The Lower Fitzroy Joint Venture was appointed as proponent to prepare a business case for raising Eden Bann Weir and constructing Rookwood Weir. Rockhampton Regional

Council (previously Livingstone Shire Council and Rockhampton City Council before council amalgamations in March 2008), Gladstone Area Water Board (GAWB) and SunWater are the partners in this joint venture. SunWater is carrying out investigations on behalf of the joint venture, with a target completion date of 2009 for investigations to allow construction of the new storages by 2011.

Rockhampton Regional Council is managing the Capricorn Coast pipeline project, which will link Rockhampton to Yeppoon. This project has received funding from the Commonwealth and Queensland governments as well as Livingstone Shire contributions. Work on the project is on track for completion of the pipeline by the end of 2009.

6. Dawson–Callide Valley

SunWater was appointed as proponent to prepare a business case for Nathan Dam and preliminary studies have commenced. The nature of water demand along the Dawson River has changed since the investigations in the 1990s. Delivery of high security water for new coal mines, industry and urban use are likely users of water sourced from Nathan Dam along with agriculture. Nathan Dam could also be a potential supply as part of the state and regional water grids.

Work on a draft amendment to the Fitzroy Basin Water Resource Plan is underway to include groundwater in the Callide subcatchment.

7. Gladstone

GAWB was appointed as proponent to prepare a business case for the Fitzroy to Gladstone pipeline and studies are well advanced. Work progressed with a view to being able to commence construction in mid-2008 if there were no significant inflows into Awoonga Dam. Most of the pipeline route is planned to be within the proposed Stanwell to Gladstone infrastructure corridor being investigated by DIP.

8. Comet–Nogoa–Mackenzie

A draft amendment to the Fitzroy Basin Resource Operations Plan was released in August 2007, incorporating proposed provisions to enable water allocations supplied by the Nogoa–Mackenzie Water Supply System to be converted between medium priority and high priority. The draft resource operations plan amendment proposes a conversion rate of 3 ML medium to 1 ML high and provides for up to about 36 000 ML of medium to be converted to high priority. The amendment is expected to be finalised in 2008.

Appendix A

Central Queensland Regional Water Supply Strategy – 2007 implementation progress details

Item no.	Strategy action	Priority	Lead agency or agencies	Instrument	Schedule in strategy or trigger	Action 2007
1	Regional strategies					
1.1	Establish a mechanism or process for ongoing monitoring of the implementation of the strategy, including formation of a strategy implementation group to meet on a formal and regular basis, with additional one-off meetings if emerging issues are identified	High	Department of Natural Resources and Water (NRW)	Central Queensland Regional Water Supply Strategy (CQRWSS)	Finalisation of the strategy Annual report	<ul style="list-style-type: none"> Strategy finalised Released in December 2006 First Strategy Implementation Group meeting held on 22 November 2007
1.2	Reservation of water in association with future proposed infrastructure	High	NRW	ROP amendment	Amendment of ROP follows completion of necessary investigations, including hydrologic, levels of service and detailed infrastructure studies (2006–07)	<ul style="list-style-type: none"> Reservation of water in association with future proposed infrastructure not required at this stage At this time, determinations re: reservations expected to be linked to business case development by proponents and approval processes
1.3	Reservation of up to 30 000 ML/a of reliable water from the Lower Fitzroy for urban and industrial purposes for the Gladstone Area Water Board (or other entity as may arise from the review of institutional arrangements	High	NRW	ROP amendment	Amendment of ROP follows completion of necessary investigations, including hydrologic, levels of service and detailed infrastructure studies (2006–07)	<ul style="list-style-type: none"> In progress Expect to be incorporated into current Fitzroy ROP amendment re: Nogoa–Mackenzie conversion of medium to high Expect to be finalised in 2008
1.4	Reservation of 4000 ML/a of reliable water from the Lower Fitzroy for urban needs on the Capricorn Coast	High	NRW	ROP amendment	Amendment of ROP follows completion of necessary investigations, including hydrologic, levels of service and detailed infrastructure studies (2006–07)	<ul style="list-style-type: none"> In progress Expect to be incorporated into current Fitzroy ROP amendment re: Nogoa–Mackenzie conversion of medium to high Expect to be finalised in 2008
1.5	Reservation of the balance of available water from the Lower Fitzroy for urban, industrial and agricultural purposes in the Lower Fitzroy	High	NRW	ROP amendment	Amendment of ROP follows completion of necessary investigations, including hydrologic, levels of service and detailed infrastructure studies (2006–07)	<ul style="list-style-type: none"> No specific reservation proposed in the current ROP amendment Hydrology assessments of potential water for agricultural purposes carried out

Item no.	Strategy action	Priority	Lead agency or agencies	Instrument	Schedule in strategy or trigger	Action 2007
1.6	Progress a review of institutional arrangements in the Lower Fitzroy (including Waterpark Creek) and Boyne rivers systems	High	NRW, Department of Infrastructure and Planning (DIP), Existing water service providers in this area	Water Act	2006–07	<ul style="list-style-type: none"> Proposal by existing water service providers to form an entity responsible for the development, ownership and operation of all existing and future water storages in the Lower Fitzroy Work continuing
1.7	Develop process to progress development of identified infrastructure and release of associated water allocation	High	DIP, NRW	State policy	2006–07	<ul style="list-style-type: none"> Government announced a \$420 million investment towards delivering a statewide water grid. This includes: <ul style="list-style-type: none"> > \$14m Eden Bann Weir > \$22m Rookwood Weir > \$56.5m Connors River Dam > \$120m Nathan Dam > \$60m Connors River Dam pipelines > \$48m Rockhampton to Gladstone pipeline > \$20m Rockhampton to Capricorn Coast pipeline DIP, with assistance from NRW and engineering consultant, established a detailed and costed program to deliver the <i>Statewide Water Policy</i> projects Proponents appointed to investigate infrastructure and prepare business cases for submission to government DIP now establishing governance arrangements under the <i>State Development and Public Works Organisation Act 1971</i> to oversee delivery of the <i>Statewide Water Policy</i> projects
1.8	Maximising the effectiveness of existing supplies through water trading, e.g. review of change rules in Nogoa–Mackenzie	High	NRW	ROP amendment	Release draft ROP amendment early 2006 Finalise ROP amendment late 2006	<ul style="list-style-type: none"> Draft ROP amendment re: Nogoa–Mackenzie released for public submissions in August 2007 Anticipated that the ROP amendment will be finalised in 2008
1.9	Maximising the effectiveness of existing supplies through water trading Review of change rules in other areas	Low	NRW	ROP amendments	When significant interest from water users is evident	<ul style="list-style-type: none"> Consideration given to arrangements in the Dawson Valley Water Supply Scheme and Fitzroy Barrage Water Supply Schemes No specific amendments proposed at this time although needs will continue to be monitored

Item no.	Strategy action	Priority	Lead agency or agencies	Instrument	Schedule in strategy or trigger	Action 2007
1.10	Maximising the effectiveness of supplies through continuing implementation of existing demand and water efficiency initiatives and exploring development of new initiatives for demand management at regional and subregional scale	High	Local governments, Fitzroy River Water, GAWB, and SunWater in consultation with NRW, EPA and Local Government Sports and Recreation (LGSR)	Statewide policy, Water Act	Water Demand and Efficiency Management Plans completed by end of 2007–08 Water use targets identified by end of 2006–07	<ul style="list-style-type: none"> Water Act amendments under the Water and Other Legislation Bill 2007 passed December 2007 Water use targets for domestic water use in Moranbah being developed (consultancy study) Anticipate regional and subregional water use targets will be developed in 2008–09
1.11	Maximising the effectiveness of existing supplies through improved management	High	Water service providers, in consultation with NRW	ROP amendments	A number of studies are current or proposed	Review of critical water supply arrangements by ROL holders, e.g. Dawson Valley Water Supply Scheme
1.12	Maximising the effectiveness of existing supplies through drought management planning	High	Water service providers	Water Act	2006–07	Drought management plans submitted to NRW and under review
1.13	Release of unsupplemented unallocated water	Medium–high	NRW	Market-based release for tradable water allocations and water licences	As per subregional strategies	See comments for each subregion
1.14	Increasing water supplies through additional water supply sources	High	DIP	Formal appointment of developers, commitment to make water allocations	As per subregional strategies	Designated proponents to investigate infrastructure proposals announced on 10 July 2007
1.15	Release of water reserved in association with infrastructure	High	NRW	ROP amendment	Once final project design has been confirmed and necessary approvals obtained for the infrastructure	No action required to date
2	Urban communities strategy					
2.1	Progress statewide policy relating to targets for urban water use and reservation of water for community urban needs	High	NRW	State policy document	Ongoing during 2006–07	Will form part of Urban Demand Management Strategy. Draft to be completed by mid-2009
2.2	Progress statewide policy development to address affordability of water for urban community needs	High	LGSR, Treasury, NRW, Local Government Association of Queensland	Statewide policy	2006–07	Addressing issues on a case by case basis by consultation with local government, water service providers and state government agencies
2.3	Investigate potential for improvements in the allocation security and supply regime for towns supplied by mining companies in the Isaac–Connors, Upper Mackenzie and Comet areas	High	NRW, local governments, relevant mining companies	Water Act, Local Government Act	2006–07	<ul style="list-style-type: none"> Draft Moranbah Town Water Supply Protocol developed. Awaiting finalisation Addressing issues on a case by case basis by consultation with local government, water service providers and state government agencies

Item no.	Strategy action	Priority	Lead agency or agencies	Instrument	Schedule in strategy or trigger	Action 2007
2-4	Coordinate small communities planning study	High	Water Directorate—Central Queensland Local Government Association (CQLGA), with support from NRW and LGSR	Agreement between CQLGA and state government	Commencing in 2006	<ul style="list-style-type: none"> Small Communities Water Study commenced in August 2007 and has been completed
Subregional strategies						
3	Isaac—Connors					
3-1	Construction of Burdekin—Moranbah Pipeline	High	SunWater	Commercial project by SunWater	2006–07	Burdekin—Moranbah Pipeline operational
3-2	Release of between 6000 and 8000 ML of unsupplemented water (in the Isaac—Connors and tributaries of the Lower Mackenzie and of the Fitzroy River)	High	NRW	ROP and water licence	2006–07	Anticipated that release process might commence in 2008
3-3	Release of between 4000 and 6000 ML of unsupplemented water, including overland flow, (in the Isaac—Connors and tributaries of the lower Mackenzie and of the Fitzroy River)	Medium	NRW	ROP amendment and water licence	2007–08	Currently no plans for the release of this water
3-4	Undertake studies to confirm no 'fatal flaws' associated with the Connors River Dam option	High	NRW, DIP	CQRWSS	2006–07	Designated proponent SunWater progressing studies
3-5	Detailed planning and approvals for Connors River Dam option	High	NRW, DIP	CQRWSS	If the above studies indicate no fatal flaws, the proposal should be progressed to a stage where, if required, it could be developed in the shortest possible timeframe	<ul style="list-style-type: none"> To facilitate feasibility studies, in July 2007, the Coordinator-General declared the project investigations as 'works' under the <i>State Development and Public Works Organisation Act 1971</i> Designated proponent SunWater undertaking investigations through to the preparation of a business case Funding of \$1.5m was allocated from the State budget in 2007–08
3-6	Construction of a dam at the Mt Bridget site on the Connors River	Medium—High	Proponent (facilitated by DIP)	State Development and Public Works Organisation Act and Water Act	Construction to commence with sufficient lead time to enable commercial operation of the infrastructure when anticipated demands approach available supplies	Pending outcome of item 3-5

Item no.	Strategy action	Priority	Lead agency or agencies	Instrument	Schedule in strategy or trigger	Action 2007
3-7	Construction of pipeline(s) from Connors River Dam	Medium-High	Proponent (facilitated by DIP)	State Development and Public Works Organisation Act and Water Act	Construction to commence with sufficient lead time to enable commercial operation of the infrastructure when anticipated demands approach available supplies	Designated proponent SunWater progressing studies as part of the investigation works for Connors River Dam
3-8	Develop management options for the groundwater systems, including Braeside Borefield	High	NRW	Water Act and/or WRP amendment/ROP amendment	As part of the department's ongoing water management role. Management options determined in 2006-07	Draft amendment of Fitzroy Basin WRP underway (currently in community consultation phase)
4	Lower Mackenzie-Fitzroy					
4-1	Detailed assessment studies of Eden Bann Weir raising and of Rookwood Weir	High	NRW	CQRWSS	2006-07	<ul style="list-style-type: none"> Eight prefeasibility studies completed on technical, environmental and social aspects The proposed Lower Fitzroy Water Joint Venture has been appointed as proponent to prepare a business case for submission to government. SunWater is currently carrying out investigations on behalf of the joint venture Funding of \$2m was allocated from the state budget in 2007-08
4-2	Assess options to maximise effectiveness of supplies in the Lower Fitzroy and Awoonga Dam including addressing performance shortfalls during critical water supply periods	High	Fitzroy River Water, GAWB, SunWater, NRW	CQRWSS	2006-07	Assessment of options undertaken and continuing by NRW and proponents
4-3	Development of appropriate levels of service for water supplies associated with the Lower Fitzroy schemes and Awoonga Dam	High	Local governments, Fitzroy River Water, GAWB, SunWater, NRW	Water Act	2006-07	Assessments continuing
4-4	Raising of Eden Bann Weir	High	Proponent (facilitated by DIP)	State Development and Public Works Organisation Act and Water Act	Completed 2011 (size and staging to be determined)	Pending outcomes of 4.1
4-5	Construction of Rookwood Weir	High	Proponent (facilitated by DIP)	State Development and Public Works Organisation Act and Water Act	Completed 2011 (size and staging to be determined)	Pending outcomes of 4.1
4-6	Release of 8000 ML nominal volume of unsupplemented water allocation in the Lower Mackenzie	Low	NRW	ROP	When significant interest by potential water users is demonstrated	No release planned at this time

Item no.	Strategy action	Priority	Lead agency or agencies	Instrument	Schedule in strategy or trigger	Action 2007
4-7	Construction of pipeline and associated infrastructure from Fitzroy River Barrage to the Capricorn Coast	High	Livingstone Shire Council (Rockhampton Regional Council after Council amalgamations)	State Development and Public Works Organisation Act, agreement between council and relevant water service provider	Commencement of project in 2006–07	Livingstone Shire Council (Rockhampton Regional Council) is proponent for project and is progressing on target for completion of construction by end of 2009
5	Dawson–Callide Valley					
5-1	Investigate potential for Nathan Dam to supply Lower Fitzroy in critical water supply periods	High	NRW, DIP	CQRWSS	2006–07	<ul style="list-style-type: none"> SunWater appointed as proponent to develop business case. Studies in progress and NRW providing input Funding of \$1.976m was allocated from the state budget in 2007–08
5-2	Construction of Nathan Dam	High	Proponent (facilitated by DIP)	State Development and Public Works and Water Acts	When impact assessment studies are completed, outstanding approvals have been obtained and the project is assessed as commercially viable	Pending outcome of item 5.1
5-3	Address groundwater performance issues—Callide Valley	High	NRW	WRP amendment, ROP amendment	Commencing in 2006	Draft amendment of Fitzroy Basin WRP underway (currently in community consultation phase)
5-4	Raising of Glebe Weir	Low	SunWater, proponent	Water Act WRP amendment ROP amendment	When assessed as commercially viable and if Nathan Dam does not proceed	<ul style="list-style-type: none"> Feasibility studies being progressed in parallel with Nathan Dam, as potential interim supply This option may be investigated within the context of water supplies for the proposed Xstrata Wandoan mine
6	Upper Dawson					
6.1	Release of unsupplemented water	Medium	NRW	ROP amendment and water license	When details of the Nathan Dam project has been finalised	SunWater as proponent has been progressing the business case for Nathan Dam
7	Gladstone					
7.1	Pipeline from the Fitzroy River Barrage to Gladstone	High	GAWB (or other entity if agreed through review of institutional arrangements)	State Development and Public Works Organisation Act and Water Act	When assessed as commercially viable	<ul style="list-style-type: none"> Designated proponent—GAWB. Technical investigations commenced in preparation for construction when needed On 5 October 2007 the Queensland Competition Authority released a draft decision endorsing the proposed preparatory expenditure for the pipeline, subject to a range of conditions

Item no.	Strategy action	Priority	Lead agency or agencies	Instrument	Schedule in strategy or trigger	Action 2007
8	Comet–Nogoa–Mackenzie					
8.1	Review of change rules for medium to high priority allocations to allow for conversion of water allocations if required and introduce a more flexible trading regime	High	NRW	ROP amendment	Release draft ROP amendment mid-2006 Finalise ROP amendment late 2006	See Action item 1.8
Strategy monitoring and review						
9	Climate					
9.1	Continue collection and analysis of meteorologic, hydrologic and environmental data	High	Bureau of Meteorology (BOM), NRW and EPA	Monitoring and reporting requirements, ROP and others	Continuing	Ongoing
9.2	Complete review of region's water resource plans at 10-yearly intervals	High	NRW	Water Act	Commencing in 2007	Fitzroy Basin WRP 10-year review process commenced
9.3	Reassess ability of existing sources to meet existing demands at 10-yearly intervals	Medium	NRW, water service providers	Review of WRPs, ROPs and CQRWSS	Commencing in 2010	No action required as yet
9.4	Reassess ability of new source options to meet demands in terms of adequacy of volume and performance, at 10-yearly intervals	Medium	NRW	As above	Commencing in 2015 for Fitzroy region or dependent on significant new information	No action required as yet
10	Water demands					
10.1	Update industry and mining demand projections at 3-yearly intervals, or more frequently if need arises	High	NRW	CQRWSS	Commencing in 2009	No action required as yet
10.2	Update urban and rural demand projections at 6-yearly intervals, or more frequently if need arises	Medium	NRW, DPI&F	CQRWSS	Commencing in 2012	No action required as yet
10.3	Reassess ability of existing sources to meet industry and mining demands at 3-yearly intervals (in terms of supply volume and performance)	High	NRW, water service providers	CQRWSS	Commencing in 2009 if updates vary significantly from projections	No action required as yet
10.4	Reassess ability of existing sources to meet urban and rural demands in terms of supply volume and performance at 6-yearly intervals or more frequently if need arises	Medium	NRW, water service providers	CQRWSS	Commencing in 2012 if updates vary significantly from projections	No action required as yet

Item no.	Strategy action	Priority	Lead agency or agencies	Instrument	Schedule in strategy or trigger	Action 2007
11	Availability of supply					
11.1	Maintain incentives for water service providers to improve water supply	High	NRW, LGSR, water service providers	Total Management Plans (TMPs), state guidelines including performance targets	Ongoing	<ul style="list-style-type: none"> • TMPs are a prerequisite for state subsidy • From June 2007, subsidy guidelines require TMPs to demonstrate how councils plan to minimise water consumption and losses • TMPs reviewed when submitted
11.2	Maintain incentives for water users to improve water use practices including water reuse	High	State and local governments, water users	State and local government incentive initiatives, state guidelines	Ongoing	<ul style="list-style-type: none"> • There are a number of projects and initiatives aimed at improving water use practices. These include: <ul style="list-style-type: none"> › State Home and Garden WaterWise Rebate Scheme › Regulatory framework for use of recycled water under development › Business Water Efficiency Program › Suite of legislative amendments to Water Act including the Water and other Legislation Amendment Act was assented to on 16 November 2007
11.3	Monitor water supply improvements and water use savings	Medium	NRW, local governments, water service providers	Incentive scheme obligations, annual local government reporting	Ongoing	
11.4	Undertake sufficient assessments of new source options to establish appropriate certainty regarding development timeframes	High–Medium	NRW	State Development and Public Works Organisation Act	As per Isaac–Connors and Lower Mackenzie–Fitzroy subregional strategies	<ul style="list-style-type: none"> • A detailed and costed delivery program has been established for the <i>Statewide Water Policy</i> projects • DIP is now establishing governance arrangements under the SDPWO Act to oversee the delivery program
11.5	Progress the streamlining of water reporting requirements for efficient collection, storing and reporting of water service provider data (statewide water information management—SWIM project)	High	LGSR	The appropriate state legislation—to be determined as part of the project	2006–07	<ul style="list-style-type: none"> • Data collection for the SWIM project commenced in late September 2007, with the incorporation of SWIM data for 2006–07 into the department’s consolidated data return. • Project has reduced over 900 indicators to just over 200 through deleting duplicate and redundant indicators, and working with NWI representatives to implement standard indicators across the industry • SWIM will continue to reduce and rationalise indicators and work on developing a system for electronic collection and representation of urban water indicators for Queensland water service providers

Item no.	Strategy action	Priority	Lead agency or agencies	Instrument	Schedule in strategy or trigger	Action 2007
11.6	Monitor effectiveness of trading regime in meeting priority needs	Medium	NRW	Water Act	Ongoing	<ul style="list-style-type: none"> Annual reporting, including review of trading transactions ROP amendment providing conversion medium to high in Nogoa–Mackenzie Needs in Dawson and Fitzroy being monitored
11.7	Amend ROP as necessary to address significant restraints to trade	Medium	NRW	Water Act	As required to address identified significant restraints	See action item 1.8
11.8	Initiate and manage process for development of new sources of supply in a timely and effective way	High	DIP	State Development and Public Works Organisation and Water Act	As per triggers in subregional strategies	<ul style="list-style-type: none"> Process developed Proponents appointed for the CQRWSS projects for the <i>Statewide Water Policy</i>
12	Environmental issues					
12.1	Continue state water quality and ecosystem monitoring	High	NRW	ROP	Ongoing as per the ROPs	NRW water monitoring core business—ongoing
12.2	Continue water quality and ecosystem monitoring at and downstream of existing storages	High	Fitzroy and Boyne Basin Resource Operations Licence (ROL) holders	ROP	Ongoing as per the ROPs	ROP implementation ongoing by ROL holders and NRW
12.3	Commence water quality and ecosystem monitoring at proposed new source options	Medium	NRW	Water Act	Commencing 2006–07	Project requirements in addition to ambient being scoped
12.4	Evaluate state of the environment reports to identify emerging issues as soon as practicable, and determine appropriate response	Medium	NRW, EPA	CQRWSS	Ongoing	Ongoing—additionally Stream and Estuary Ecological Assessment Program (SEAP) being piloted in CQ
13	Cultural issues					
13.1	Undertake indigenous cultural heritage assessments for proposed new infrastructure	High	NRW, DIP, proponent, and indigenous stakeholders	Various state and Commonwealth legislation	Appropriately in advance of each development	Undertaken for raising Eden Bann and Rookwood Weir projects
13.2	Undertake non-Indigenous cultural heritage assessments for proposed new infrastructure	High	NRW, DIP, and Indigenous stakeholders	Various state and Commonwealth legislation	Appropriately in advance of each development	Undertaken for raising Eden Bann and Rookwood Weir projects

Item no.	Strategy action	Priority	Lead agency or agencies	Instrument	Schedule in strategy or trigger	Action 2007
14	Social issues					
14.1	Fully inform landholders in proposed new source areas of possible impacts and their timing	High	NRW	CQRWSS	2006 and as required	<ul style="list-style-type: none"> Meetings of affected landholders Lower Fitzroy re Eden Bann Weir and Rookwood Weir held in February 2007 Meeting held in August 2007 with landholders associated with Connors River Dam Presentations given re Nathan Dam at DVDA Industry update forum on 6 September 2007 and at the Banana Shire Industry Summit on 16 October 2007 Ongoing liaison with landholders by proponents during development of business case
14.2	Monitor property values in areas of possible impact	Medium	NRW	CQRWSS	Ongoing	<ul style="list-style-type: none"> Ongoing
14.3	Address landholder concerns in project development phase, e.g. access	Medium	DIP	State Development and Public Works Organisation Act	Appropriately in advance of each development	<ul style="list-style-type: none"> Road access study undertaken for raising Eden Bann and Rookwood Weir projects
15	Economic and financial issues					
15.1	Maximise certainty (and minimise risks) for the development of necessary new water sources adequately in advance of needs	High	DIP	State Development and Public Works Organisation Act	Appropriately in advance of each development	<ul style="list-style-type: none"> The State has committed to investigate the <i>Statewide Water Policy</i> projects within appropriate timeframes
15.2	Minimise risk of funding shortfalls, consider need for community service obligations	High	DIP, Treasury	Treasury guidelines, State Development and Public Works Organisation Act	Appropriately in advance of each development	<ul style="list-style-type: none"> The State has committed to funding to progress feasibility investigations Matters relating to procurement and the terms of any state equity contributions will be considered when business cases have been completed for the proposed infrastructure developments
16	Strategy review					
16.1	Comprehensive strategy review	Low	NRW in consultation with key stakeholders	CQRWSS	Commence when monitoring and assessment actions detailed above suggest that comprehensive review of the strategy is required or by 2018	<ul style="list-style-type: none"> Specific review not required at this time

