



# Appendix A

## Compliance Tracking Program

**Project: Keepit Dam Work Package 2 - Post Tensioning Works**  
**Location: Keepit Dam, Namoi River, Northern NSW**  
**Client: WaterNSW**  
**Contract: 04532F31**



## Compliance Tracking Program

### Document Acceptance and Release Notice

The Compliance Tracking Program is a managed document. For identification of amendments, each page contains a release number and a page number. Changes will only be issued as complete replacement. Recipients should remove superseded versions from circulation. This document is authorised for release once all signatures have been obtained.

PREPARED:



Date: 21 - 03 - 19

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Date: 21 - 03 - 19

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### Revision history

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7	21/03/19	Update Project Manager details	S Pearce



## Compliance Tracking Program



# Compliance Tracking Program

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# Compliance Tracking Program

## Abbreviations

Term	Definition
CEMP	Construction Environmental Management Plan
CLG	Community Liaison Group
CoA	Conditions of Approval
CTP	Compliance Tracking Program
DPE	Department of Planning and Environment
EA	Environmental Assessment
EMR	Environmental Management Representative
EMS	Environmental Management System
EP&A Act	<i>Environmental Planning and Assessment Act 1979</i>
EP&A Regulation	<i>Environmental Planning and Assessment Regulation 2000</i>
EPA	Environment Protection Authority
EPBC Act	<i>Environment Protection and Biodiversity Conservation 1999</i>
NSW	New South Wales
Project, the	Keepit Dam Work Package 2 – Post Tensioning Works
SoC	Statement of Commitments
SRG	SRG Limited
WaterNSW	The client

# Compliance Tracking Program

## 1. Introduction

### 1.1. Background

Keepit Dam is situated on the Namoi River, 13 km upstream of its confluence with the Peel River in the north-west of NSW.

The NSW Dams Safety Committee requires that Keepit Dam be upgraded to be able to safely pass the probable maximum flood and to withstand earthquake events. WaterNSW is therefore undertaking dam safety upgrade works to Keepit Dam to comply with the requirements of the NSW Dams Safety Committee.

WaterNSW has adopted a two stage approach to upgrading Keepit Dam:

- Stage 1 - Construction of two fuse plug spillways – completed in 2011.
- Stage 2 - Electrical relocation, post tensioning of the main dam wall and raising of the dam concrete monoliths and the main embankment.

The Stage 2 works have been procured into three separate contract work packages, these being:

1. Electrical relocation works – completed in 2015.
2. Post tensioning the main dam wall.
3. Raising of the dam concrete monoliths and main embankment.

This Compliance Tracking Program (CTP) has been prepared for the Stage 2, Work Package 2; Keepit Dam Post Tensioning Works project.

### 1.2. Purpose

The key objective of this Compliance Tracking Program is to track compliance with the requirements of the Minister's Conditions of Approval during construction of the Project.

### 1.3. Environmental Management System Overview

The Construction Environmental Management Plan (CEMP) is the primary system to manage and control the environmental aspects of the Project during construction. It also provides the overall framework for the system and procedures to ensure environmental impacts are minimised and legislative and other requirements are fulfilled. The strategies defined in the CEMP have been developed with consideration of the conditions of the Project Approval and the safeguards and mitigation measures presented in the environmental assessment. The CEMP establishes the system for implementation, monitoring and continuous improvement to minimise impacts from the Project on the environment.

This Compliance Tracking Program is Appendix A of the CEMP.

# Compliance Tracking Program

## 2. Program Requirements

The Compliance Tracking Program has been prepared as a requirement of CoA 4.3. The requirements, as stipulated by this CoA, are detailed in Table 2-1.

**Table Error! No text of specified style in document.-1 Conditions relevant to the Compliance Tracking Program**

CoA No.	Condition	Where addressed
4.3	The Proponent shall develop and implement a <b>Compliance Tracking Program</b> , to track compliance with the requirements of this approval. The Program shall be submitted to the Director-General for approval prior to the commencement of construction. The Program shall relate to both construction and operational stages of the project and shall include, but not necessarily be limited to:	This document
(a)	provisions for periodic review of the compliance status of the SSI against the requirements of this approval;	Section 2.1
(b)	provisions for periodic reporting of compliance status to the Director-General;	Section 2.2
(c)	mechanisms for rectifying any non-compliance identified during environmental auditing or review of compliance.	Section 2.3

### 2.1. Periodic review

The status of compliance will be reviewed and periodic compliance reports will be submitted as follows:

- Prior to the commencement of construction.
- Six months after the commencement of construction and then at six monthly intervals thereafter.
- Prior to the commencement of operation.

The compliance tracking tables (contained in Appendix A) form an integral part of this periodic review. These tables establish a format for recording compliance and include:

- A description of the condition or environmental obligation.
- Responsibility.
- The stage of the project to which it relates.
- Status.
- Any other comments.

### 2.2. Periodic reporting

At intervals identified in Section 2.1, the status of compliance will be reviewed and reported in the form of a Compliance Tracking Report. Compliance tracking reports will typically include:

- Scope of the activities undertaken during the reporting period.
- Performance of environmental controls that have been implemented.
- Compliance with the conditions of Approval and revised Statement of Commitments as detailed in the compliance tracking tables.

### 2.3. Non-compliances

Section 8 of the CEMP describes in detail the system for tracking compliance prior to and during construction. Where a non-compliance has been identified, a corrective/preventative action (or actions) will be implemented.



## Compliance Tracking Program

Corrective/preventative actions will be entered into the quality system database and include details of the issue, action required and timing and responsibilities. The record will be updated with date of close out and any necessary notes. The database will be reviewed regularly to ensure actions are closed out as required.





## **Compliance Tracking Program**

**Appendix A1 – Conditions of Approval Compliance Table**

## Compliance Tracking Program

Table 1 – Conditions of Approval

Source Ref.	Condition of Approval	Responsibility	Timing	Status	Comments
<b>1.</b>	<b>ADMINISTRATIVE CONDITIONS</b>				
<b>Terms of Approval</b>					
1.1	The Proponent shall carry out the project generally in accordance with the: <ul style="list-style-type: none"> <li>a) Major Projects Application 06_0155;</li> <li>b) Keepit Dam Upgrade, Environmental Assessment, prepared by Parsons Brinckerhoff Australia Pty Limited and dated December 2007;</li> <li>c) Keepit Dam Upgrade, Submissions Report and Preferred Project Report, prepared by Parsons Brinckerhoff Australia Pty Limited and dated September 2008;</li> <li>d) the conditions of this approval.</li> </ul>	WaterNSW's Project Manager	Pre-construction Construction		
1.2	In the event of an inconsistency between: <ul style="list-style-type: none"> <li>a) the conditions of this approval and any document listed from condition 1. 1a) to 1.1c) inclusive, the conditions of this approval shall prevail to the extent of the inconsistency; and</li> <li>b) any document listed from condition 1. 1a) to 1.1c) inclusive, and any other document listed from condition 1. 1a) to 1.1c) inclusive, the most recent document shall prevail to the extent of the inconsistency.</li> </ul>	WaterNSW's Project Manager	Pre-construction Construction		
1.3	The Proponent shall comply with any reasonable requirement(s) of the Director-General arising from the Department's assessment of: <ul style="list-style-type: none"> <li>a) any reports, plans or correspondence that are submitted in accordance with this approval; and</li> <li>b) the implementation of any actions or measures contained in these reports, plans or correspondence.</li> </ul>	WaterNSW's Project Manager	Pre-construction Construction		
<b>Limits of Approval</b>					
1.4	This project approval shall lapse five years after the date on which it is granted, unless the works subject of this approval are physically commenced on or before that time.	WaterNSW's Project Manager	All stages	Complete	Works subject of this Approval commenced before that time.
1.5	Nothing in this approval authorises the construction and operation of options D2 and D3, as described in the document referred to under condition 1. 1b).	WaterNSW's Project Manager	Pre-construction Construction		



## Compliance Tracking Program

Source Ref.	Condition of Approval	Responsibility	Timing	Status	Comments
<b>Statutory Requirements</b>					
1.6	The Proponent shall ensure that all licences, permits and approvals are obtained and maintained as required throughout the life of the project. No condition of this approval removes the obligation for the Proponent to obtain, renew or comply with such licences, permits or approvals. The Proponent shall ensure that a copy of this approval and all relevant environmental approvals are available on the site at all times during the project.	SRG's Project Manager	Pre-construction Construction		
<b>2.</b>	<b>SPECIFIC ENVIRONMENTAL CONDITIONS</b>				
<b>Noise Impacts</b>					
<b>Construction Noise</b>					
2.1	The Proponent shall only undertake construction activities associated with the project, other than blasting, that would generate an audible noise at any sensitive receiver during the following hours: a) 7:00 am to 6:00 pm, Mondays to Fridays, inclusive; b) 8:00 am to 1:00 pm on Saturdays; and c) at no time on Sundays or public holidays.	SRG's Project Manager	Construction		
2.2	Notwithstanding condition 2.1, construction works associated with the project, other than blasting, may be undertaken outside the hours specified under that condition in the following circumstances: a) the works do not cause construction noise to be audible at any sensitive receiver; or b) for the delivery of materials required by the police or other authorities for safety reasons; or c) where it is required in an emergency to avoid loss of lives, property and/or to prevent harm; or d) As approved through the process outlined in condition 2.3 of this approval.	SRG's Project Manager	Construction		
2.3	The hours of construction activities specified under condition 2.1 of this approval may be varied with the prior written approval of the Director-General. Any request to alter the hours of construction specified under condition 2.1 shall be: a) considered on a case-by-case basis; b) accompanied by details of the nature and need for activities to be conducted during the varied construction hours; and c) accompanied by written evidence of the DECCs agreement with the proposed variation in construction times, after providing any information necessary for the DECC to reasonably determine that activities undertaken during the varied	SRG's Project Manager	Construction		



## Compliance Tracking Program

Source Ref.	Condition of Approval	Responsibility	Timing	Status	Comments						
	construction hours will not adversely impact on the acoustic amenity of receptors in the vicinity of the site.										
2.4	<p>Blasting associated with the construction of the project is only permitted during the following hours:</p> <ul style="list-style-type: none"> <li>a) 9:00 am to 5:00 pm, Mondays to Fridays, inclusive;</li> <li>b) 9:00 am to 1:00 pm on Saturdays; and</li> <li>c) at no time on Sundays or public holidays.</li> </ul> <p>This condition does not apply in the event of a direction from the police or other relevant authority for safety reasons.</p>	SRG's Project Manager	Construction	Not applicable	Not relevant to this stage. Blasting will not occur as part of Stage 2, Package 2, works.						
<b>Construction Noise and Blasting Limits</b>											
2.5	<p>The Proponent shall ensure that the noise generated by the project does not exceed the noise impact assessment criteria of 35dB(A) at all times at any residence on privately owned land. The maximum allowable noise contributions apply under wind speeds up to 3 ms-1 (measured at 10 metres above ground level), and under temperature inversion conditions of up to 3 °c/ 100 metres.</p> <p>However, if the Proponent has a written negotiated noise agreement with any landholder and a copy of this agreement has been forwarded to the Department and DECC, then the Proponent may exceed the noise limits of 35dB(A) in accordance with the negotiated noise agreement.</p>	WaterNSW / SRG's Project Manager	Construction								
2.6	<p>For the purpose of assessment of noise contributions specified under condition 2.5 of this approval, noise from the project shall be:</p> <ul style="list-style-type: none"> <li>a) at any point within the residential boundary, or at any point within 30 metres of the dwelling where the dwelling is more than 30 metres from the boundary; and</li> <li>b) subject to the modification factors provided in Section 4 of the New South Wales Industrial Noise Policy (EPA, 2000), where applicable.</li> </ul>	SRG's Project Manager	Construction								
2.7	<p>The Proponent shall ensure that air blast overpressure generated by blasting associated with the project does not exceed the criteria specified in Table 1 when measured at the most* affected residences or other sensitive receiver.</p> <p style="text-align: center;">Table 1 — Airblast Overpressure Criteria</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Airblast Overpressure dB Lin Peak</th> <th style="text-align: center;">Allowable Exceedance</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">115</td> <td>5% of total number of blasts over a 12 month period</td> </tr> <tr> <td style="text-align: center;">120</td> <td>Never</td> </tr> </tbody> </table>	Airblast Overpressure dB Lin Peak	Allowable Exceedance	115	5% of total number of blasts over a 12 month period	120	Never	SRG's Project Manager	Construction	Not applicable	Not relevant to this stage. Blasting will not occur as part of Stage 2, Package 2, works.
Airblast Overpressure dB Lin Peak	Allowable Exceedance										
115	5% of total number of blasts over a 12 month period										
120	Never										

## Compliance Tracking Program

Source Ref.	Condition of Approval	Responsibility	Timing	Status	Comments						
2.8	<p>The Proponent shall ensure that the ground vibration generated by blasting associated with the project does not exceed the criteria specified in Table 2 when measured at the most affected residence or other sensitive receiver.</p> <p>Table 2 — Peak Particle Velocity Criteria</p> <table border="1" style="margin-left: 40px;"> <thead> <tr> <th>Peak Particle Velocity Criteria</th> <th>Allowable Exceedance</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">5</td> <td>5% of total number of blasts over a 12 month period</td> </tr> <tr> <td style="text-align: center;">10</td> <td>Never</td> </tr> </tbody> </table>	Peak Particle Velocity Criteria	Allowable Exceedance	5	5% of total number of blasts over a 12 month period	10	Never	SRG's Project Manager	Construction	Not applicable	Not relevant to this stage. Blasting will not occur as part of Stage 2, Package 2, works.
Peak Particle Velocity Criteria	Allowable Exceedance										
5	5% of total number of blasts over a 12 month period										
10	Never										
<b>Air Quality Impacts</b>											
<b>Dust Generation</b>											
2.9	The Proponent shall construct the project in a manner that minimises dust emissions from the site, including wind-blown and traffic-generated dust. All activities on the site shall be undertaken with the objective of preventing visible emissions of dust from the site. Should such visible dust emissions occur at any time, the Proponent shall identify and implement all practicable dust mitigation measures, including cessation of relevant works, as appropriate, such that emissions of visible dust cease.	SRG's Project Manager	Construction								
<b>Traffic and Transport Impacts</b>											
2.10	<p>The Proponent shall:</p> <ul style="list-style-type: none"> <li>a) ensure that any measures to restore roads as a result of the construction of the project, are undertaken in a timely manner, in accordance with the requirements and to the satisfaction of the relevant road authority and at the full expense of the Proponent;</li> <li>b) ensure that adequate signage is provided to inform road users of any change in traffic conditions resulting from construction works, e.g. for the construction of the right-hand abutment spillway, the Proponent should inform the public of the alternate route via Orange Grove Road for through-traffic; and</li> <li>c) undertake all roadworks in consultation with Council and any relevant road authority.</li> </ul>	SRG's Project Manager	Pre-construction Construction								
2.11	The Proponent shall develop and submit for the approval of the Director-General, a Biodiversity Offset Package. The Package shall be developed in consultation with the DECC and DEWHA. The Package shall:	WaterNSW's Project Manager	Pre-construction Construction	Complete	Development and approval of the Biodiversity Offset Strategy						

## Compliance Tracking Program

Source Ref.	Condition of Approval	Responsibility	Timing	Status	Comments
	<p>a) identify the objectives and outcomes to be met by the final Biodiversity Offset Package;</p> <p>b) consider the biodiversity management measures or activities identified in the documents set out in condition 1 .1 or elsewhere in these Conditions of Approval, including: i. revegetation measures; ii. relevant construction measures to reduce terrestrial and aquatic impacts; iii. any other fauna mitigation measures such as nest boxes; and iv. any ongoing biodiversity or threatened species monitoring requirements.</p> <p>c) provide details of available compensatory habitat in the region to offset the loss of White Box Yellow Box Blakely's Red Gum Woodland, Poplar Box Open Woodland, River Red Gum Woodland, Silver-leaved Ironbark Open Woodland and native Grasslands and habitat for threatened fauna species as a result of the project. Where possible, this should include purchase of land, development of agreements with identified land management authorities (e.g. DECC, local council etc.) for long term management and funding of offsets and mitigation measures, and installation of identified mitigation measures;</p> <p>d) describe the decision-making framework used in selecting the priority ranking of compensatory habitat options available in the region;</p> <p>e) include an offset for direct and indirect impacts of the proposal which maintains or improves biodiversity values and is consistent with the principles identified in section 5.1.6 of the document referred to under condition 1.1.c) of this approval;</p> <p>f) describe the size and quality of the habitat/vegetation communities identified in point e);</p> <p>g) detail the final suite of biodiversity offset measures selected in accordance with the Package; and</p> <p>h) include a program (timeline) to achieve the implementation of the final suite of measures.</p> <p>Unless otherwise agreed by the Director-General, the Biodiversity Offset Package shall be submitted to the Director-General for approval prior to the commencement of any construction works.</p>				<p>not relevant to this Stage.</p> <p>The Biodiversity Offset Strategy was completed by WaterNSW prior to works commencing on the Keepit Dam Upgrade.</p> <p>Document titled - <i>Keepit Dam Upgrade Biodiversity Management Plan</i> (2010)</p>
<b>Hazards and Risk</b>					
<b>Pre-Construction Hazard Measures</b>					
2.12	<p>Prior to the commencement of construction of the project, the Proponent shall:</p> <p>a) prepare and submit for the approval of the Director-General a Construction Safety Study. This study shall cover all relevant aspects detailed in the Department's Hazardous Industry Planning Advisory Paper No. 7, "Construction Safety Study Guidelines". The Proponent shall include a safety management plan as part of this</p>	SRG's Project Manager / WaterNSW's Project Manager	Pre-construction		

## Compliance Tracking Program

Source Ref.	Condition of Approval	Responsibility	Timing	Status	Comments
	<p>study, in consultation with relevant authorities, addressing the safety of construction workers in the event of a flood, bushfire and any other likely hazard or risk;</p> <p>b) erect signs and fencing as necessary, to ensure the safety of bushwalkers etc. near the site during construction;</p> <p>c) provide adequate fire protection works on site during construction in consultation with the NSW Rural Fire Service;</p> <p>d) ensure that all dangerous goods and materials stored on site are stored in accordance with the relevant Australian Standards; and e) ensure that all explosives and fuel are removed from the site or disposed of appropriately, at the completion of construction work.</p>				
<b>Maintenance and Release Plug Reconstruction</b>					
2.13	<p>The Proponent shall:</p> <p>a) ensure the regular monitoring and maintenance of the right-hand abutment and subsidiary dam wall spillways and the boat ramp, sailing club and caravan park saddle dams in accordance with the requirements of the NSW Dams Safety Act; and</p> <p>b) if reconstruction of the release plugs is required, it must be in accordance with the requirements specified in conditions 6.2 to 6.4 of this approval and the community must be informed of this reconstruction (refer to conditions 5.1 to 5.7).</p>	WaterNSW's Project Manager	Pre-construction Construction		
<b>Soil and Water Quality Impacts</b>					
2.14	Except as may be expressly provided by an Environment Protection Licence for the project, the Proponent shall comply with section 120 of the Protection of the Environment Operations Act 1997 which prohibits the pollution of waters.	SRG's Project Manager	Pre-construction Construction		
2.15	Soil and water management controls shall be employed to minimise soil erosion and the discharge of sediment and other pollutants to lands and/or waters, in accordance with Landcom's Managing Urban Stormwater: Soils and Conservation.	SRG's Project Manager	Pre-construction Construction		
<b>Heritage Impacts</b>					
2.16	<p>The Proponent shall implement the recommended heritage management measures specified in the EA. The Proponent must:</p> <p>a) Prior to the commencement of construction works, fence the boundary of the crest area of the ridge on which the Aboriginal stone procurement source #20-5-21 is situated, to protect it from any direct and indirect impacts of construction works. The fencing shall be sufficient to prevent the incursion of construction vehicles, and shall be marked with appropriate signs.</p>	WaterNSW's Project Manager / SRG's Project Manager	Pre-construction Construction		



## Compliance Tracking Program

Source Ref.	Condition of Approval	Responsibility	Timing	Status	Comments
	b) if during the course of construction, it uncovers any heritage or archaeological material previously not identified, all work likely to affect the material shall cease immediately and the relevant authorities consulted about an appropriate course of action prior to the recommencement of work. The relevant authorities may include DECC, the Heritage Office, and the Local Aboriginal Land Council. Any necessary permits or consents shall be obtained and complied with prior to recommencement of work.				
<b>Waste Generation and Management</b>					
2.17	All waste materials removed from the site shall only be directed to a waste management facility lawfully permitted to accept the materials.	SRG's Project Manager	Pre-construction Construction		
2.18	The Proponent shall maximise the treatment, reuse and/ or recycling on the site of any waste oils, excavated soils, slurries, dusts and sludges associated with the project, to minimise the need for treatment or disposal of those materials outside the site.	SRG's Project Manager	Construction		
2.19	The Proponent shall not cause, permit or allow any waste generated outside the site to be received at the site for storage, treatment, processing, reprocessing, or disposal on the site, except as expressly permitted by a licence under the Protection of the Environment Operations Act 1997, if such a licence is required in relation to that waste.	SRG's Project Manager	Construction		
2.20	The Proponent shall: a) Ensure the diversion, protection or support of services and utilities affected by the construction activities, in consultation with the relevant service authorities. Any alterations to utilities and services shall be carried out to the satisfaction of the relevant authority(ies), and unless otherwise agreed to, at no cost to the service authority; and b) Be responsible for minimising any disruption to services resulting from such work and shall be responsible for advising affected people prior to disruption to services (refer to condition 5.7).	SRG's Project Manager	Pre-construction Construction		
<b>3.</b>	<b>ENVIRONMENTAL MONITORING</b>				
<b>Ecological Monitoring</b>					
3.1	Prior to the commencement of construction, the Proponent shall develop and implement a Monitoring Program to target the effectiveness of the mitigation measures identified in Condition 2.1 1 for the listed threatened species directly impacted by the project and section 5.1.3 of the EA. The program shall include (but not necessarily be limited to) the monitoring of Hakea pulvinifera, Bothriochloa biloba, Brown Treecreeper, Painted Honeyeater, White bellied Sea-Eagle, White-throated Needle-tail, Hooded Robin, Black-chinned Honeyeater, Turquoise Parrot,	EMR / WaterNSW's Project Manager	Pre-construction	Complete	Development and approval of the Monitoring Program not relevant to this Stage.



## Compliance Tracking Program

Source Ref.	Condition of Approval	Responsibility	Timing	Status	Comments
	<p>Grey-crowned Babbler, Speckled Warbler, Diamond Firetail and Yellow-bellied Sheath-tail Bat. The Program shall be developed in consultation with the DECC and suitably qualified ecologist(s) and shall include but not necessarily be limited to:</p> <ul style="list-style-type: none"> <li>a) the monitoring of threatened species in and adjacent to the project footprint. The methodology shall be decided in consultation with DECC;</li> <li>b) an adaptive monitoring program to assess the effectiveness of the mitigation measures identified in Condition 2.1 1 and section 5.1.3 of the EAS and allow their modification if necessary. The monitoring program shall include targets against which effectiveness will be measured;</li> <li>c) monitoring to be undertaken during construction (for construction-related impacts) and until such time as the effectiveness of mitigation measures can be demonstrated to have been achieved over a minimum of three successive monitoring periods, or as otherwise agreed by the Director-General in consultation with DECC;</li> <li>d) provision for the analysis of the data to identify changes to habitat usage and if this can be attributed to the project;</li> <li>e) details of the contingency measures that would be implemented in the event of changes to habitat usage patterns directly attributable to the construction or operation of the project; and</li> <li>f) provision for annual reporting of monitoring results to the Director-General and the DECC, or as otherwise agreed by those agencies.</li> </ul> <p>The Program shall be submitted for the approval of the Director-General prior to the commencement of construction.</p>				<p>Approved Ecological Monitoring Program was undertaken from 2009 to 2015. Post Tensioning works does not include any clearing or disturbance of surrounding areas adjacent to Keepit Dam other than removal of grass.</p>
3.2	<p>Prior to the commencement of construction the Proponent shall, in consultation with DECC, prepare and implement an Air Quality Monitoring Program. This program must:</p> <ul style="list-style-type: none"> <li>a) be submitted to the Director-General prior to the commencement of construction activities;</li> <li>b) be prepared in consultation with DECC; and</li> <li>c) use dust deposition gauges and ambient dust monitoring gauges to monitor deposited dust and particulate matter during the construction of the project.</li> </ul>	EMR / SRG's Project Manager	Pre-construction		
<b>4.</b>	<b>COMPLIANCE MONITORING AND TRACKING</b>				
<b>Construction Activities</b>					
4.1	The Proponent must provide the Director-General, DECC and any other Government Department nominated by the Director-General with Construction Compliance Reports. The ER	SRG's Project Manager	Construction		



## Compliance Tracking Program

Source Ref.	Condition of Approval	Responsibility	Timing	Status	Comments
	<p>must review the Construction Compliance Reports before they are submitted to the Director General and bring to the Director-General's attention any shortcomings.</p> <p>The first Construction Compliance Report must report on the first six months of Construction and be submitted a maximum six weeks after expiry of that period (or at any other time interval agreed to by the Director-General). The second, and subsequent, Construction Compliance Reports must be submitted at maximum intervals of six months from the date of submission of the first Construction Compliance Report (or at any time interval agreed to by the Director General) for the duration of Construction.</p> <p>The Construction Compliance Reports must include information on:</p> <ul style="list-style-type: none"> <li>a) compliance with the CEMP and the Conditions of Approval;</li> <li>b) compliance with any approvals or licences issued by Relevant Government Departments for Construction;</li> <li>c) the implementation and effectiveness of environmental controls. The assessment of effectiveness should be based on a comparison of actual impacts against performance criteria identified in the CEMP;</li> <li>d) environmental monitoring results for fauna and fauna, noise, vibration, blasting, suspended dust and deposited dust for the first six months after the date of the commencement of construction works at the project site. The results should be presented as a results summary and analysis. The Proponent should note that the Director-General, in consultation with DECC, would determine whether any further period for monitoring would be necessary;</li> <li>e) the number and details of any complaints, including a summary of the main areas of complaint, action taken, response given and intended strategies to reduce recurring complaints;</li> <li>f) details of any review and amendments to the CEMP resulting from Construction during the reporting period; and</li> <li>g) any other matter relating to compliance with the Conditions of Approval or as requested by the Director-General.</li> </ul> <p>Copies of the report shall be submitted at the same time to the Department and DECC and must be Publicly Available.</p>				
4.2	<p>The final Construction Compliance Report shall, in addition to the requirements listed in condition 4.1, assess the accuracy and conclusions of all previous Construction Compliance Reports, and the adequacy of the responses of the Proponent to monitoring results.</p>	EMR	Construction		
<b>Compliance Tracking Program</b>					

## Compliance Tracking Program

Source Ref.	Condition of Approval	Responsibility	Timing	Status	Comments
4.3	<p>The Proponent shall develop and implement a Compliance Tracking Program to track compliance with the requirements of this approval. The Program shall be submitted to the Director-General for approval prior to the commencement of construction. The Program shall relate to both construction and operational stages of the project and shall include, but not necessarily be limited to:</p> <ul style="list-style-type: none"> <li>a) provisions for periodic review of the compliance status of the project against the requirements of this approval;</li> <li>b) provisions for periodic reporting of compliance status to the Director-General; and</li> <li>c) mechanisms for rectifying any non-compliance identified during environmental auditing or review of compliance.</li> </ul>	WaterNSW's Project Manager	Construction		
<b>5.</b>	<b>COMMUNITY INFORMATION, CONSULTATION AND INVOLVEMENT</b>				
5.1	Subject to confidentiality, the Proponent shall make all documents required under this approval available for public inspection on request.	WaterNSW's Project Manager	Construction		
5.2	For the purpose of public awareness, the Proponent shall inform all potentially impacted landholders from the operation of the project, of the extent of potential physical damage that may be caused from the operation of the proposal.	WaterNSW's Project Manager	Construction		
<b>Compensation Liaison Group</b>					
5.3	<p>A Compensation Liaison Group (CLG) shall be formed and maintained by the Proponent to resolve the matters outlined in this condition and condition 5.4. The Proponent shall establish this Group prior to the commencement of construction and present the findings and conclusions for these matters in the OEMP (refer to condition 6.4). The CLG shall include, the Proponent, representatives from DWE, representatives from Council and affected landholder representatives situated beneath the subsidiary dam wall spillway, along the Peel River.</p> <p>The purpose of the group is to:</p> <ul style="list-style-type: none"> <li>a) discuss the issues related to compensation and insurance related matters associated with the operation of the subsidiary dam wall spillway;</li> <li>b) distinguish between the current design flood level effects and those effects from the proposed new design flood level, below the subsidiary dam wall spillway, along the Peel River;</li> <li>c) identify the basis for compensation payments;</li> <li>d) determine the need, if found necessary and appropriate, for a public liability insurance fund;</li> </ul>	WaterNSW's Project Manager	Pre-construction Construction	Complete	<p>Not relevant to this stage.</p> <p>Acquisition is complete and will not occur as part of Stage 2, Package 2, works.</p>

## Compliance Tracking Program

Source Ref.	Condition of Approval	Responsibility	Timing	Status	Comments
	e) determine all those landholders that may be affected by the operation of the project; and f) determine the possible extent of damage to property, in both economic and physical terms.  In the event of any dispute between the Proponent and other parties, the Proponent's decision shall be considered final so long as it is consistent with these Conditions.				
5.4	The Proponent shall: a) establish the CLG or as otherwise agreed by the Director-General within 9 weeks from the date of this approval; b) nominate a Chair to be approved by the Director-General; c) allow the CLG to make comments on the management of the operation in the area that is affected by the subsidiary dam wall spillway. In the event of any dispute between the CLG and the Proponent, the Proponent's decision shall be considered final so long as it is consistent with these Conditions; d) ensure that the CLG has access to the necessary plans and information; e) consider the recommendations and comments of the CLG and provide a response to the Director-General, consistent with the outcomes of condition 5.3.  The Proponent shall bear the cost of administering the Group.	WaterNSW's Project Manager	Pre- construction Construction	Complete	Not relevant to this stage.  Acquisition is complete and will not occur as part of Stage 2, Package 2, works.
<b>Complaints Procedure</b>					
5.5	Prior to the commencement of construction of the project, the Proponent shall ensure that the following are available for community complaints for the life of the project (including construction and after construction is completed): a) a telephone number on which complaints about construction activities and any other complaints relating to the proposal at the site may be registered; b) a postal address to which written complaints may be sent; and c) an email address to which electronic complaints may be transmitted.  The telephone number, the postal address and the email address shall be displayed on a sign near the entrance to the Keepit Dam Office, in a position that is clearly visible to the public, and clearly indicates the purposes of the sign.	WaterNSW's Project Manager	Pre- construction Construction		
5.6	The Proponent shall record details of all complaints received through the means listed under condition 5.5 of this approval in an up-to-date Complaints Register. The Register shall record, but not necessarily be limited to: a) the date and time, where relevant, of the complaint; b) the means by which the complaint was made (telephone, mail or email);	WaterNSW's Project Manager	Pre- construction Construction		

## Compliance Tracking Program

Source Ref.	Condition of Approval	Responsibility	Timing	Status	Comments
	<ul style="list-style-type: none"> <li>c) any personal details of the complainant that were provided, or if no details were provided, a note to that effect;</li> <li>d) the nature of the complaint;</li> <li>e) any action(s) taken by the Proponent in relation to the complaint, including any follow-up contact with the complainant; and</li> <li>f) if no action was taken by the Proponent in relation to the complaint, the reason(s) why no action was taken.</li> </ul> <p>The Complaints Register shall be made available for inspection by the Director-General upon request.</p>				
<b>Advice of Construction Activities</b>					
5.7	<p>Before Construction commences, and then at maximum three monthly intervals, the Proponent must advertise in relevant newspapers the: nature of the works proposed for the next three months; areas in which these works are proposed; Construction hours; and a contact telephone number.</p> <p>The Proponent must ensure that the local community and businesses are advised of Construction activities that could cause disruption. Methods to disseminate this information must be identified in the CEMP. Information to be provided must include:</p> <ul style="list-style-type: none"> <li>a) details of any traffic disruptions and controls; and</li> <li>b) work approved to be undertaken outside standard Construction hours, in particular noisy works, before such works are undertaken.</li> </ul>	WaterNSW's Project Manager	Pre-construction Construction		
5.8	<p>The existing internet site (<a href="http://www.statewater.com.au">www.statewater.com.au</a>) must be updated before Construction commences and maintained until the completion of Construction and contain:</p> <ul style="list-style-type: none"> <li>a) periodic updates of work progress, consultation activities and planned work schedules. The site must indicate the date of the last update and the frequency of the internet site updates;</li> <li>b) a description of relevant approval authorities and their areas of responsibility;</li> <li>c) a list of reports and plans that are Publicly Available under this Approval and details of how these can be accessed;</li> <li>d) contact names and phone numbers of relevant communications staff; and</li> <li>e) the 24 hour toll-free complaints contact telephone number.</li> </ul> <p>Updates of work progress, Construction activities and planned work schedules must be provided where significant changes in noise, air or traffic impacts are expected.</p>	WaterNSW's Project Manager	Pre-construction Construction		



## Compliance Tracking Program

Source Ref.	Condition of Approval	Responsibility	Timing	Status	Comments
<b>6.</b>	<b>ENVIRONMENTAL MANAGEMENT</b>				
<b>Environmental Representative</b>					
6.1	<p>Prior to the commencement of any construction or operational activities, or as otherwise agreed by the Director-General, the Proponent shall nominate for the approval of the Director General a suitably qualified and experienced Environmental Representative(s) independent of the design, construction and operation personnel. The Proponent shall engage the Environmental Representative(s) during any construction activities, and throughout the life of the project, or as otherwise agreed by the Director-General. The Environmental Representative(s) shall:</p> <ul style="list-style-type: none"> <li>a) oversee the implementation of all environmental management plans and monitoring programs required under this approval, and advise the Proponent upon the achievement of these plans/programs;</li> <li>b) have responsibility for considering and advising the Proponent on matters specified in the conditions of this approval and the Statement of Commitments as referred to under condition 1 .1 c) of this approval;</li> <li>c) oversee the implementation of the environmental auditing of the project in accordance with the requirements of condition 4.3 of this approval and all relevant project Environmental Management System(s); and</li> <li>d) be given the authority and independence to recommend to the Proponent reasonable steps to be taken to avoid or minimise unintended or adverse environmental impacts, and, failing the effectiveness of such steps, to recommend to the Proponent that relevant activities are to be ceased as soon as reasonably practicable if there is a significant risk that an adverse impact on the environment will be likely to occur.</li> </ul>	WaterNSW's Project Manager	Pre- construction Construction		
<b>Construction Environmental Management Plan</b>					
6.2	<p>The Proponent shall prepare and implement a Construction Environmental Management Plan to outline environmental management practices and procedures to be followed during construction of the project. The CEMP shall be consistent with Guideline for the Preparation of Environmental Management Plans (DIPNR 2004) and shall include, but not necessarily be limited to:</p> <ul style="list-style-type: none"> <li>a) a description of all relevant activities to be undertaken on the site during construction and confirm the use of either earthen release plugs only or earthen release plugs and release gates for the project and the conditions under which they will operate;</li> </ul>	WaterNSW's Project Manager / SRG's Project Manager	Construction		



## Compliance Tracking Program

Source Ref.	Condition of Approval	Responsibility	Timing	Status	Comments
	<p>b) statutory and other obligations that the Proponent is required to fulfil during construction including all relevant approvals, consultations and agreements required from authorities and other stakeholders, and key legislation and policies;</p> <p>c) details of how the environmental performance of the construction works will be monitored, and what actions will be taken to address identified potential adverse environmental impacts. In particular, the following environmental performance issues shall be addressed in the Plan:</p> <ul style="list-style-type: none"> <li>I. measures to monitor and manage dust emissions;</li> <li>II. measures to monitor and minimise soil erosion and the discharge of sediment and other pollutants to lands and/ or waters during construction activities;</li> <li>III. measures to monitor and control noise emissions during construction works;</li> <li>IV. measures to monitor and control air emissions during construction to ensure that air emissions are both minimised and in compliance with the requirements of this approval and the Environment Protection Licence for the site;</li> <li>V. measures to minimise the impact of construction on local flora and fauna, consistent with the mitigation measures described in section 5.1.3 of the document referred to under condition 1 .1b);</li> </ul> <p>d) a description of the roles and responsibilities for the ER and all relevant employees involved in the construction of the project;</p> <p>e) the additional Plans listed under condition 6.3 of this approval; and</p> <p>f) complaints handling procedures during construction.</p> <p>The CEMP shall be submitted for the approval of the Director-General no later than one month prior to the commencement of any construction works associated with the project, or within such period otherwise agreed by the Director-General. Construction works shall not commence until written approval has been received from the Director-General.</p>				
6.3	<p>As part of the Construction Environmental Management Plan for the project, required under condition 6.2 of this approval, the Proponent shall prepare and implement the following:</p> <p>a) a Construction Flora and Fauna Management Plan to detail how construction impacts on ecology will be minimised and managed. The Plan shall include, but not necessarily be limited to:</p> <ul style="list-style-type: none"> <li>i. details of work practices (such as fencing and construction worker education) to minimise the potential damage to vegetation and native fauna during construction;</li> </ul>	WaterNSW's Project Manager / SRG's Project Manager	Construction		



## Compliance Tracking Program

Source Ref.	Condition of Approval	Responsibility	Timing	Status	Comments
	<ul style="list-style-type: none"> <li>ii. weed management measures focusing on early identification of invasive weeds and determining effectiveness of management controls;</li> <li>iii. procedures to install and monitor mitigation measures, such as nest boxes, relocated hollows and fauna fencing for effectiveness and maintenance; and</li> <li>iv. an auditing program for construction work practices to ensure that there is no impact on threatened species or their habitats additional to that already permitted.</li> </ul> <p>b) a Construction Noise Management Plan to manage noise impacts during construction and to identify all feasible and reasonable noise mitigation measures. The Plan shall include, but not necessarily be limited to:</p> <ul style="list-style-type: none"> <li>i. a review of the assumptions made in documents referred to under conditions 1.1b) and 1.1c) of this approval to the determined calculated noise levels for the construction of the Right Hand Abutment Spillway, Saddle Dams, Subsidiary Dam Wall, Cumulative Works and Main Dam Wall;</li> <li>ii. details of the measures to avoid and/or mitigate the actual noise levels; and</li> <li>iii. details of the consultation process for noise mitigation measures with any affected residences.</li> </ul> <p>As part of the Construction Noise Management Plan, the Proponent shall prepare and implement a Noise Monitoring Program for the project. This program must:</p> <ul style="list-style-type: none"> <li>a) be prepared in consultation with the DECC;</li> <li>b) be submitted to the Director-General for approval prior to the commencement of construction activities;</li> <li>c) include a protocol to establish whether the project is complying with the noise criterion identified in condition 2.5.</li> </ul> <p>c) a Traffic Management Protocol to outline management of traffic conflicts that may be generated during construction of the project. The Plan shall address the requirements of Council, the RTA and any other relevant road authority and shall include, but not necessarily be limited to:</p> <ul style="list-style-type: none"> <li>i. details of how construction of project infrastructure will be managed in proximity to local and regional roads;</li> <li>ii. details of traffic routes for heavy vehicles, including any necessary route or timing restriction for oversized loads;</li> <li>iii. detailed consideration of measures to be employed to ensure traffic volume, acoustic and amenity impacts along the heavy vehicle routes are minimised;</li> <li>iv. detailed consideration of alternative routes (where necessary); and</li> </ul>				





## Compliance Tracking Program

Source Ref.	Condition of Approval	Responsibility	Timing	Status	Comments
	<p>v. demonstration that all statutory responsibilities with regard to road traffic impacts have been complied with.</p> <p>d) a Water Management Plan to outline measures that will be employed to manage water on the site, to minimise soil erosion and the discharge of sediments and other pollutants to lands and/ or waters throughout the construction stage of the project.</p>				
<b>Operation Environmental Management Plan</b>					
6.4	<p>The Proponent shall prepare and implement an Operation Environmental Management Plan to detail an environmental management framework, practices and procedures to be followed during operation of the project. The OEMP shall be consistent with Guideline for the Preparation of Environmental Management Plans (DIPNR 2004) and shall include, but not necessarily be limited to:</p> <ul style="list-style-type: none"> <li>a) identification of all relevant statutory and other obligations that the Proponent is required to fulfil in relation to operation of the project;</li> <li>b) specific consideration of relevant measures to address any requirements identified in the documents referred to under conditions 1.1b) and 1.1c) of this approval; and</li> <li>c) overall environmental policies and principles to be applied to the operation of the project; and</li> <li>d) present the findings and conclusions of the CLG (refer to condition 5.3).</li> </ul> <p>The OEMP shall be submitted for the approval of the Director-General no later than 12 months from the date of this approval (or as otherwise agreed to by the Director-General).</p>	WaterNSW's Project Manager	Operation	Not applicable	Not relevant to this stage.
6.5	<p>As part of the OEMP for the project, required under condition 6.4 of this approval, the Proponent shall prepare and implement the following studies:</p> <ul style="list-style-type: none"> <li>a) a Multi-Level Offtake Operational Plan to detail the operation of the multi-level offtake structure, including conditions under which it will operate and the monitoring methods to be used to help achieve optimum improvements to downstream waterways, consistent with section 8.1 .5 of the document referred to under condition 1 .1b) of this approval.</li> <li>b) an Emergency Plan for the project to detail procedures for the safety of all people who may be at risk from the operation of the project and include a procedure for the evacuation of those people at risk.</li> </ul>	WaterNSW's Project Manager	Operation	Not applicable	Not relevant to this stage.
7.	<b>ENVIRONMENTAL REPORTING</b>				
<b>Incident Reporting</b>					



## Compliance Tracking Program

Source Ref.	Condition of Approval	Responsibility	Timing	Status	Comments
7.1	<p>Within 24 hours of any incident or potential incident with actual or potential significant off-site impacts on people or the biophysical environment, a report shall be supplied to the Department outlining the basic facts. A further detailed report shall be prepared and submitted following investigations of the causes and identification of necessary additional preventive measures. That report must be submitted to the Director-General no later than 14 days after the incident or potential incident.</p> <p>The Proponent shall maintain a register of accidents, incidents and potential incidents. The register shall be made available for inspection at any time by the Director-General and any other person the Director-General nominates as appropriate.</p>	WaterNSW's Project Manager	Pre-construction Construction		
7.2	The Proponent shall meet the requirements of the Director-General to address the cause or impact of any incident, as it relates to this approval, reported in accordance with condition 7.1 of this approval, within such period as the Director-General may require.	SRG's Project Manager / EMR	Pre-construction Construction		



## Compliance Tracking Program

### Appendix A2 – Statement of Commitments Compliance Table

## Compliance Tracking Program

Table 2 – Statement of Commitments

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
<b>The Activity</b>					
1.	The Activity will be carried out consistent with: <ul style="list-style-type: none"> <li>a) the description of the Activity contained in Chapter 4 of the Keepit Dam Upgrade EA dated December 2007</li> <li>b) the procedures, safeguards and mitigation measures identified in the Keepit Dam Upgrade EA, and</li> <li>c) this Final Statement of Commitments.</li> </ul>	WaterNSW's Project Manager / SRG's Project Manager	Pre-construction Construction		
2.	This Final Statement of Commitments does not relieve State Water of its obligations under any other Act.	WaterNSW's Project Manager	Pre-construction Construction		
<b>Compliance</b>					
3.	The Director-General and the Relevant Councils will be notified in writing of the start of the Activity's Construction and Operation. Such notification will be provided at least four weeks before the relevant start date unless otherwise agreed to by the Director-General.	WaterNSW's Project Manager	Pre-construction Construction		
4.	State Water will ensure (as Reasonably practical) compliance with all of its commitments and to implement any measures arising from the EA.	WaterNSW's Project Manager	Pre-construction Construction		
5.	State Water will (as Reasonably practical) bring to the Director-General's attention any matter that may require further assessment by the Director-General.	WaterNSW's Project Manager	Pre-construction Construction		
6.	State Water will ensure (as Reasonably practical) compliance with any requirements of the Director-General arising from the Department's assessment of: <ul style="list-style-type: none"> <li>a) any reports, plans or correspondence that are submitted to satisfy this Final Statement of Commitments; and</li> <li>b) the implementation of any actions or measures contained in such reports, plans or correspondence.</li> </ul>	WaterNSW's Project Manager	Pre-construction Construction		

## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
7.	<p>State Water may elect to construct the Activity in discrete work packages or defined stages provided that such stages or work packages are consistent with this Final Statement of Commitments. Where discrete work packages or defined stages are proposed, a <i>Staging Report</i> will be submitted to the Director-General at least four weeks before Construction commences (or within any other time agreed to by the Director-General). The <i>Staging Report</i> will:</p> <ul style="list-style-type: none"> <li>a) describe the work packages or defined stages; and</li> <li>b) identify how this Final Statement of Commitments will be addressed in each work package or defined stage.</li> </ul>	WaterNSW's Project Manager	Pre-construction Construction		
8.	<p>A <i>Pre-Construction Compliance Report</i> will be submitted to the Director-General at least four weeks before Construction commences (or within any other time agreed to by the Director-General).</p> <p>The <i>Pre-Construction Compliance Report</i> will include:</p> <ul style="list-style-type: none"> <li>a) details of how the Commitments required to be addressed before Construction were complied with;</li> <li>b) the time when each relevant commitment was complied with, including dates of submission of any required reports and/or approval dates; and</li> <li>c) details of any approvals or licences required to be issued by any Relevant Government Departments and/or Councils before Construction commences.</li> </ul>	SRG's Project Manager / WaterNSW's Project Manager	Pre-construction		
9.	<p>A <i>Pre-Operation Compliance Report</i> will be submitted to the Director-General at least four weeks before Operation (or within any other time agreed to by the Director-General).</p> <p>The <i>Pre-Operation Compliance Report</i> will include:</p> <ul style="list-style-type: none"> <li>a) details of how the Commitments required to be addressed before Operation were complied with;</li> <li>b) the time when each relevant Commitment was complied with, including dates of submission of any required reports and/or approval dates; and</li> <li>c) details of any approvals or licences issued by any Relevant Government Departments and/or Council for the Activity's Operation.</li> </ul>	WaterNSW's Project Manager	Pre-Operation		

## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
10.	<p>The Director-General, Relevant Councils, and any other government departments nominated by the Director-General will be provided with <i>Construction Compliance Reports</i>. The EMR will review the <i>Construction Compliance Reports</i> before they are submitted to the Director-General and bring to the Director-General's attention any shortcomings.</p> <p>The first <i>Construction Compliance Report</i> will report on the first six months of Construction and be submitted a maximum six weeks after expiry of that period. The second, and subsequent, <i>Construction Compliance Reports</i> will be submitted at maximum intervals of six months from the date of submission of the first <i>Construction Compliance Report</i> (or at any other time interval agreed to by the Director-General) for the duration of Construction.</p> <p>The <i>Construction Compliance Reports</i> will include information on:</p> <ul style="list-style-type: none"> <li>a) compliance with the CEMP and this Final Statement of Commitments;</li> <li>b) compliance with any approvals or licences issued by Relevant Government Departments and Relevant Councils for the Construction phase of the Activity;</li> <li>c) the implementation and effectiveness of environmental controls. The assessment of effectiveness should be based on a comparison of actual impacts against performance criteria identified in the CEMP;</li> <li>d) environmental monitoring results, presented as a results summary and analysis;</li> <li>e) the number and details of any complaints, including a summary of main areas of complaint, action taken, response given and intended strategies to reduce recurring complaints;</li> <li>f) details of any review and amendments to the CEMP resulting from Construction during the reporting period; and</li> <li>g) any other matter relating to compliance with this Final Statement of Commitments or as requested by the Director-General.</li> </ul> <p>The <i>Construction Compliance Reports</i> will also be made Publicly Available.</p>	WaterNSW's Project Manager	Construction		
<b>Environmental Impact Audits</b>					
11.	<p>An <i>Environmental Impact Audit Report - Construction</i> will be prepared and submitted to the Director-General a maximum three months after Construction is complete (or at any other time interval agreed to by the Director-General). The</p>	WaterNSW's Project Manager	Post-construction		

## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
	<p><i>Environmental Impact Audit Report</i> – Construction will also be submitted to the Relevant Councils and other government departments upon the request of the Director-General.</p> <p>The <i>Environmental Impact Audit Report – Construction</i> will:</p> <ul style="list-style-type: none"> <li>a) identify the major environmental controls used during Construction and assess their effectiveness;</li> <li>b) summarise the main environmental management plans and processes implemented during Construction and assess their effectiveness;</li> <li>c) identify any innovations in Construction methodology used to improve environmental management; and</li> <li>d) discuss the lessons learnt during Construction, including recommendations for future Activities.</li> </ul>				
12.	<p>An <i>Environmental Impact Audit Report - Operation</i> will be submitted to the Director-General a maximum 24 months after the Activity begins Operation and at any additional periods that the Director-General may require. The <i>Environmental Impact Audit Report - Operation</i> will also be submitted to the Relevant Councils and other government departments upon the request of the Director-General.</p> <p>The <i>Environmental Impact Audit Report - Operation</i> will:</p> <ul style="list-style-type: none"> <li>a) be certified by an independent person at State Water's expense. The certifier will be advised to the Director-General before the <i>Environmental Impact Audit Report – Operation</i> is prepared;</li> <li>b) assess the effectiveness of implemented mitigation measures and safeguards;</li> <li>c) assess compliance with the systems for Operation maintenance and monitoring;</li> <li>d) discuss the results of consultation with the local community particularly any feedback or complaints; and</li> <li>e) be made Publicly Available.</li> </ul>	WaterNSW's Project Manager	Post-construction		
<b>Construction Environmental Management Plan</b>					
13.	<p>A Construction Environmental Management Plan (CEMP) will be prepared and implemented in accordance with this Final Statement of Commitments. The CEMP will be prepared in accordance with the Department of Planning (DoP) <i>Guideline for the Preparation of Environmental Management Plans</i>. The Director-General's</p>	SRG's Project Manager / WaterNSW's	Construction		



## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
	<p>Approval will be obtained for the CEMP before Construction commences or within any other time agreed to by the Director-General. The CEMP will be reviewed by the EMR before State Water seeks the Director-General's approval for the CEMP. The EMR will bring to the Director-General's attention any shortcomings.</p> <p>The mitigation measures identified in the EA will be incorporated into the CEMP.</p> <p>The CEMP will:</p> <ul style="list-style-type: none"> <li>a) incorporate the mitigation measures identified in this Final Statement of Commitments for:               <ul style="list-style-type: none"> <li>i. Flora and Fauna</li> <li>ii. Heritage</li> <li>iii. Noise and Vibration</li> <li>iv. Soil and Water Quality Management</li> <li>v. Air Quality</li> <li>vi. Greenhouse Gases and Sustainable Energy</li> <li>vii. Traffic</li> <li>viii. Visual Impact and Landscaping</li> <li>ix. Hazards and Risk Management</li> <li>x. Waste Management and Recycling</li> <li>xi. Utilities and Services as relevant to the Pre-construction and Construction phases of the Activity, and state how they will be implemented;</li> </ul> </li> <li>b) include a Construction program, identifying Construction activities and their location and timing;</li> <li>c) cover any relevant environmental elements identified by State Water, or its contractor from their environmental due diligence investigations;</li> <li>d) contain the Construction Sub Plans required by this Final Statement of Commitments;</li> <li>e) be prepared following consultation with Relevant Councils and Relevant Government Departments;</li> <li>f) be Publicly Available;</li> <li>g) include a community consultation and notification strategy (including local community, Relevant Councils and Relevant Government Departments),</li> <li>h) include environmental management detailed such as:</li> </ul>	Project Manager			





## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
	<ul style="list-style-type: none"> <li>i. identification of statutory obligations which State Water is required to fulfil during Construction, including all approvals and licences;</li> <li>ii. an environmental management structure indicating the responsibility, authority and accountability for personnel relevant to the CEMP;</li> <li>iii. the role of the EMR and identification of Construction activities requiring EMR attendance;</li> <li>iv. details of the Construction personnel induction and training program;</li> <li>v. emergency response procedures;</li> <li>i) include implementation details such as:               <ul style="list-style-type: none"> <li>i. identification of relevant environmental elements;</li> <li>ii. measures to avoid and/or control environmental elements;</li> <li>iii. the tools to be used to implement the CEMP such as plans, schedules and work instructions;</li> </ul> </li> <li>j) include monitoring and review details such as:               <ul style="list-style-type: none"> <li>i. performance criteria;</li> <li>ii. performance monitoring methods;</li> <li>iii. auditing and corrective actions procedures;</li> <li>iv. CEMP review procedures.</li> </ul> </li> </ul>				
<b>Operation Environmental Management Plan</b>					
14.	<p>An Operation Environmental Management Plan (OEMP) will be prepared and implemented in accordance with this Final Statement of Commitments and all relevant Acts and Regulations. The OEMP will be prepared in accordance with the DoP's <i>Guideline for the Preparation of Environmental Management Plans</i>. The approval of the Director-General will be obtained for the OEMP before Operation commences or within any other time agreed to by the Director-General.</p> <p>The OEMP will:</p> <ul style="list-style-type: none"> <li>a) identify the Operation activities;</li> <li>b) incorporate monitoring and reporting measures identified in this Final Statement of Commitments for:</li> </ul>	WaterNSW's Project Manager	Operation	Not applicable	Not relevant to this stage.



## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
	<ul style="list-style-type: none"> <li>i. implementing and managing the elements of the Biodiversity Offset Strategy; and</li> <li>ii. optimising the performance of the multi-level offtake (This is subject to confirmation of the cost effectiveness of multi-level offtake.)</li> </ul> <p>as relevant to Operation phase of the Activity, and state how they will be implemented;</p> <ul style="list-style-type: none"> <li>c) cover relevant environmental elements identified by State Water either from its environmental due diligence investigations or required to satisfy any other licence or approval;</li> <li>d) be prepared in consultation with Relevant Government Departments and Relevant Councils;</li> <li>e) be made Publicly Available;</li> <li>f) identify the statutory obligations which State Water is required to fulfil during the Activity's Operation, including all approvals and licences.</li> </ul>				
<b>Environmental Management Representative</b>					
15.	<p>The Director-General's Approval will be sought for the appointment of an Environmental Management Representative (EMR) at least eight weeks before Construction commences (or within any other time agreed to by the Director-General). The following information will be provided to the Director-General:</p> <ul style="list-style-type: none"> <li>a) qualifications and experience of the EMR including demonstration of general compliance with relevant Australian Standards for environmental auditors;</li> <li>b) authority and independence (from State Water or its contractors) of the EMR including details of State Water's internal reporting structure; and</li> <li>c) resourcing of the EMR role. The EMR will be available:               <ul style="list-style-type: none"> <li>i. for sufficient time to undertake the EMR role. This timing shall be agreed between State Water and the EMR and advised to the Director-General in the request for approval;</li> <li>ii. at any other time requested by the Director-General;</li> <li>iii. during any Construction activities identified in the CEMP to require the EMR's attendance; and</li> <li>iv. for the duration of Construction.</li> </ul> </li> </ul>	WaterNSW's Project Manager	Pre-construction Construction		

## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
16.	The Director-General may at any time immediately revoke the approval of an EMR appointment by providing written notice to Sate Water. Interim arrangements for EMR responsibility following the revocation will be agreed in writing between the Director-General and State Water.	WaterNSW's Project Manager	Pre-construction Construction		
17.	The Director-General may at any time conduct an audit of any actions undertaken by the EMR. State Water will (as Reasonably practical): <ul style="list-style-type: none"> <li>a) facilitates and assist the Director-General in any such audit; and</li> <li>b) include in the conditions of the EMR's appointment the need to facilitate and assist the Director-General in any such audit.</li> </ul>	WaterNSW's Project Manager	Pre-construction Construction		
18.	The EMR is authorised to: <ul style="list-style-type: none"> <li>a) consider and advise the Director-General and State Water on matters specified in this Final Statement of Commitments and compliance with such;</li> <li>b) determine whether work falls within the definition of Construction where clarification is requested by State Water;</li> <li>c) review the CEMP;</li> <li>d) periodically monitor State Water's activities to evaluate compliance with the CEMP. Periodic monitoring will involve site inspections of active work sites at least fortnightly;</li> <li>e) provide a written report to State Water of any non-compliance with the CEMP observed or identified by the EMR. Noncompliance will be managed as identified in the CEMP;</li> <li>f) issue a recommendation to State Water to stop work immediately if in the view of the EMR an unacceptable impact on the environment is occurring or is likely to occur. The stop work recommendation may be limited to specific activities causing an impact if the EMR can easily identify those activities. The EMR may also recommend that State Water initiate reasonable actions to avoid or minimise adverse impacts;</li> <li>g) review corrective and preventative actions to monitor the implementation of recommendations made from audits and site inspections;</li> <li>h) certify that minor revisions to the CEMP are consistent with the approved CEMP; and</li> </ul>	WaterNSW's Project Manager	Pre-construction Construction		

## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
	<p>i) provide regular (as agreed with the Director-General) reports to the Director-General on matters relevant to carrying out the EMR role including notifying the Director-General of any stop work recommendations.</p> <p>The EMR will immediately advise State Water and the Director-General of any incidents relevant to these Commitments resulting from Construction that were not dealt with expediently or adequately by State Water.</p>				
<b>Communication and Consultation</b>					
19.1	<p>a) Advertisements will be placed in relevant local newspapers to advertise the: nature of the works proposed for the next three months;</p> <p>b) areas in which these works are proposed; areas in which these works are proposed;</p> <p>c) Construction hours;</p> <p>d) and a contact telephone number.</p>	WaterNSW's Project Manager	Before Construction commences, and then at maximum three monthly intervals during Construction		
19.2	<p>The local community and businesses will be advised of Construction activities that could cause disruption. Methods to disseminate this information will be identified in the CEMP. Information to be provided will include:</p> <p>a) details of any traffic disruptions and controls;</p> <p>b) construction of temporary detours; and</p> <p>c) work approved to be undertaken outside standard Construction hours, in particular noisy works, before such works are undertaken.</p>	WaterNSW's Project Manager	During construction		
20.1	<p>An Activity internet site will be established. This internet site will contain:</p> <p>a) periodic updates of work progress, consultation activities and planned work schedules. The site will indicate the date of the last update and the frequency of the internet site updates;</p> <p>b) a description of relevant approval authorities and their areas of responsibility;</p> <p>c) a list of reports and plans that are Publicly Available under this Approval and details of how these can be accessed;</p> <p>d) contact names and phone numbers of relevant communications staff; and</p> <p>e) the 24 hour toll-free complaints contact telephone number.</p>	WaterNSW's Project Manager	Before construction commences		

## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
20.2	The Activity internet site will be maintained until Construction ends. Updates of work progress, Construction activities and planned work schedules will be provided where significant changes in noise or traffic impacts are expected.	WaterNSW's Project Manager	During construction		
<b>Community Liaison Group</b>					
21.1	A Community Liaison Group (CLG) will be formed and hold its first meeting prior to construction commencing. The CLG will include the EMR and representatives from State Water and its head contractor. Community representatives will be identified and selected from relevant community and business groups, individual members of the community adjoining the Activity and representatives from Relevant Councils.	WaterNSW's Project Manager	During detailed design		
21.2	<p>State Water will, at its own expense (as Reasonably practical):</p> <ul style="list-style-type: none"> <li>a) maintain the CLG for the duration of Construction unless otherwise approved by the Director-General;</li> <li>b) provide a chairperson for the CLG. The chairperson will be independent of State Water and may be elected from the CLG membership;</li> <li>c) nominate two representatives to attend all CLG meetings;</li> <li>d) provide to the CLG regular information on the progress of Construction and related environmental performance;</li> <li>e) promptly provide to the CLG information that the CLG Chair may reasonably request concerning the Activity's environmental performance;</li> <li>f) provide access for site inspections by the CLG;</li> <li>g) provide meeting facilities for the CLG, and take notes of CLG meetings. These meeting notes will be available to CLG members within 14 days of the meeting and should be endorsed by the Chair;</li> <li>h) where reasonably required by the Chair, arrange consultant(s) to explain technical information to the CLG; and</li> <li>i) where reasonably required by the Chair, invite representatives from relevant government departments or other individuals to attend CLG meetings.</li> </ul>	WaterNSW's Project Manager	During detailed design and construction		
21.3	Issues for discussion by the CLG include the dissemination of information to the community, design issues related to the Commitments or mitigation measures, the CEMP and Construction activities. The CLG may make comments about these	WaterNSW's Project Manager	During detailed design and construction		

## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
	issues which will be considered by State Water. State Water will (as Reasonably practical) report back to the CLG on its considerations of the comments.				
21.4	State Water may review a CLG's membership and/or the need for the CLG at any time during detailed design and Construction. The Director- General's approval will be sought to dissolve a CLG. Any request for dissolution will demonstrate why the CLG is no longer required.	WaterNSW's Project Manager	During detailed design and construction		
21.5	In the event of any dispute between the CLG and State Water, State Water's decision is final provided it is consistent with this Final Statement of Commitments.	WaterNSW's Project Manager	During detailed design and construction		
22.1	The owners of properties affected by implementing mitigation measures will be consulted. Mitigation measures will be implemented according to a program derived from that consultation if consistent with this Final Statement of Commitments.	WaterNSW's Project Manager	During construction		
<b>Construction Complaints Management System</b>					
23.1	<p><i>A Construction Complaints Management System</i> will be prepared and implemented before Construction commences. The <i>Construction Complaints Management System</i> will be consistent with AS 4269 "Complaints Handling" and include:</p> <ul style="list-style-type: none"> <li>a) a 24 hour, toll free telephone number listed with a telephone company and advertised;</li> <li>b) a system to receive, record, track and respond to complaints within a specified timeframe. When a complaint cannot be responded to immediately, a follow-up verbal response on what action is proposed will be provided to the complainant within two hours during night-time works and 24 hours at other times;</li> <li>c) a process for the provision of a written response to the complainant within 10 days, if the complaint cannot be resolved by the initial or follow-up verbal response; and</li> <li>d) a mediation system for complaints unable to be resolved.</li> </ul>	WaterNSW's Project Manager	Before construction commences		
23.2	The <i>Construction Complaints Management System</i> will be maintained for the duration of Construction.	WaterNSW's Project Manager	During construction		

## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
23.3	Information on all complaints received, including the means by which they were addressed and whether resolution was reached with or without mediation, will be included in the Construction Compliance Reports and will be made available to the Director-General on request.	WaterNSW's Project Manager	During construction		
<b>Biodiversity</b>					
24.1	<p>A Flora and Fauna Management Sub Plan will be prepared as part of the CEMP. The Sub Plan will be prepared in consultation with the DECC, DPI (Fisheries) and Relevant Councils and include:</p> <ul style="list-style-type: none"> <li>a) plans showing: <ul style="list-style-type: none"> <li>i. terrestrial vegetation communities; important flora and fauna habitat areas; locations where threatened species, populations or ecological communities were recorded; and areas to be cleared. The plans will also identify vegetation adjoining the Activity where this contains important habitat areas and/or threatened species, populations or ecological communities;</li> <li>ii. aquatic vegetation communities; important habitat areas; locations where threatened species, populations or ecological communities were recorded; and areas to be cleared. The plans will also identify vegetation adjoining the Activity where this contains important habitat areas and/or threatened species, populations or ecological communities;</li> </ul> </li> <li>b) methods to manage impacts on flora and fauna species (terrestrial and aquatic) and their habitat which may be directly or indirectly affected by the Activity. These will include: methods to manage impacts on flora and fauna species (terrestrial and aquatic) and their habitat which may be directly or indirectly affected by the Activity. These will include: <ul style="list-style-type: none"> <li>i. procedures for vegetation clearing, soil management and managing other habitat damage (terrestrial and aquatic) during Construction;</li> <li>ii. methods to protect vegetation both retained within, and also adjoining, the Activity from damage during Construction;</li> </ul> </li> </ul>	SRG's Project Manager / WaterNSW's Project Manager	Before construction commences		



## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
	<ul style="list-style-type: none"> <li>iii. a habitat tree management program including fauna recovery procedures and habitat maintenance (e.g. relocating hollows or installing nesting boxes);</li> <li>iv. methods to minimise damage to aquatic habitats;</li> <li>v. where possible, and where consistent with DECC requirements, strategies for re-using in rehabilitation works individuals of any threatened plant species that would otherwise be destroyed by the Activity;</li> <li>vi. performance criteria against which to measure the success of the methods</li> </ul> <p>c) rehabilitation details including:</p> <ul style="list-style-type: none"> <li>i. identification of locally native species to be used in rehabilitation and landscaping works, including flora species suitable as a food resource for threatened fauna species;</li> <li>ii. methods to remediate affected aquatic habitats or fish passages;</li> <li>iii. the source of all seed or tube stock to be used in rehabilitation and landscaping works including the identification of seed sources within the Activity. Seed of locally native species within the Activity should be collected before Construction commences to provide seed stock for revegetation;</li> <li>iv. methods to re-use topsoil (and where relevant subsoils) and cleared vegetation;</li> <li>v. measures for the management and maintenance of all preserved, planted and rehabilitated vegetation (including aquatic vegetation);</li> </ul> <p>d) a Weed Management Strategy including:</p> <ul style="list-style-type: none"> <li>i. identification of weeds within the Activity and adjoining areas;</li> <li>ii. weed eradication methods and protocols for the use of herbicides;</li> <li>iii. methods to treat and re-use weed infested topsoil;</li> <li>iv. strategies to control the spread of weeds during Construction;</li> </ul>				



## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
	e) a program for reporting on the effectiveness of terrestrial and aquatic flora and fauna management measures against the identified performance criteria. Management methods will be reviewed where found to be ineffective.				
<b>Biodiversity Offset Strategy</b>					
25.1	A Biodiversity Offset Strategy will be designed for the Activity in accordance with the principles in Section 5 of the Environmental Assessment and Section 5.1.6 of the submissions report.	WaterNSW's Project Manager	Prior to clearing threatened species	Complete	Development and approval of the Biodiversity Offset Strategy not relevant to this Stage. The Biodiversity Offset Strategy was completed by WaterNSW prior to works commencing on the Keepit Dam Upgrade. Document titled - <i>Keepit Dam Upgrade Biodiversity Management Plan (2010)</i>
25.2	The Biodiversity Offset Strategy will be developed in conjunction with the NSW State Department of Environment and Climate Change and the Commonwealth Department of the Environment, Water, Heritage and the Arts with details provided to the NSW Director General of the Department of Planning.	WaterNSW's Project Manager	Prior to clearing threatened species	Complete	Development and approval of the Biodiversity Offset Strategy not relevant to this Stage. The Biodiversity Offset Strategy was completed by WaterNSW prior to works commencing on the Keepit Dam Upgrade. Document titled - <i>Keepit Dam Upgrade Biodiversity Management Plan (2010)</i>
25.3	State Water will implement the biodiversity offset developed from the methodology formulated from commitment 25.1 and 25.2	WaterNSW's Project Manager	Prior to clearing threatened species	Complete	Development and approval of the Biodiversity Offset Strategy not relevant to this Stage. The Biodiversity Offset Strategy was completed by

## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
					WaterNSW prior to works commencing on the Keepit Dam Upgrade. Document titled - <i>Keepit Dam Upgrade Biodiversity Management Plan</i> (2010)
25.4	No clearing of threatened species will be conducted prior to receiving any approval from the Commonwealth Minister under the EPBC Act for the biodiversity offset.	WaterNSW's Project Manager	Prior to clearing threatened species	Complete	Development and approval of the Biodiversity Offset Strategy not relevant to this Stage. The Biodiversity Offset Strategy was completed by WaterNSW prior to works commencing on the Keepit Dam Upgrade. Document titled - <i>Keepit Dam Upgrade Biodiversity Management Plan</i> (2010)
25.5	The Director-General will be provided with annual reports on the implementation and management of the elements of the Biodiversity Offset Strategy as part of the OEMP for a period of five years following completion of Construction.	WaterNSW's Project Manager	During Operation		Keepit Dam Upgrade Biodiversity Management Plan Annual Reports submitted 2010, 2011, 2012, 2013, 2014, 2015, 2016.
<b>Fish Passage</b>					
26.1	State Water in consultation with DPI will further develop the concept of fish passage at Mollee, Gunidgera and Weeta weirs in lieu of fish passage at Keepit and Split Rock dams.	WaterNSW's Project Manager	As part of Sate Water's Dam Upgrade Program	Not applicable	Not relevant to this stage. Mollee fishway complete. Weeta Weir removed. Gunidgera fishway being reviewed.
26.2	If demonstrated to be viable and cost effective, State Water, subject to the availability of funding will implement fish passage at Mollee, Gunidgera and Weeta weirs	WaterNSW's Project Manager	As part of Sate Water's Dam Upgrade Program	Not applicable	Not relevant to this stage. Mollee fishway complete. Weeta Weir removed. Gunidgera fishway being reviewed.



## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
<b>Indigenous Heritage Management</b>					
27.1	<p>An Indigenous Heritage Management Sub Plan will be prepared as part of the CEMP. The Sub Plan will be prepared in consultation with all relevant Aboriginal groups and the DECC and include:</p> <ul style="list-style-type: none"> <li>a) details of the archaeological investigations to be undertaken and any associated licences or approvals required;</li> <li>b) procedures to be implemented if previously unidentified Aboriginal objects are discovered during Construction. If such objects are discovered all work likely to affect the object(s) will cease immediately and the DECC informed in accordance with the <i>National Parks and Wildlife Act 1974</i>;</li> <li>c) an education program for Construction personnel on their obligations for Aboriginal cultural materials; and</li> <li>d) the following specific measures to avoid impacts to the Aboriginal stone procurement source #20-5-21:               <ul style="list-style-type: none"> <li>i. fencing off the crest area of the ridge on which the site is situated;</li> <li>ii. avoiding excavation of ridge deposits for fill in the boat ramp saddle dam wall; and</li> <li>iii. archaeological salvage of the Aboriginal stone procurement site #20-5-21 if impact cannot be avoided.</li> </ul> </li> </ul>	SRG's Project Manager	Before Construction commences		
<b>Historical Relics</b>					
28.1	<p>A Historical Heritage Management Sub Plan will be prepared as part of the CEMP. The Sub Plan will be prepared in consultation with the Heritage Office and include:</p> <ul style="list-style-type: none"> <li>a) procedures to be implemented if previously unidentified historical relics are discovered during Construction;</li> <li>b) an education program for Construction personnel on their obligations for historic relics; and</li> <li>c) the following specific measures in relation to the main dam wall, subject to detailed design:               <ul style="list-style-type: none"> <li>i. use of materials that are sympathetic to those that are present in the existing main dam wall;</li> <li>ii. reuse of the existing spillway gate lifting gear;</li> </ul> </li> </ul>	SRG's Project Manager / WaterNSW's Project Manager	Before Construction commences		



## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
	<ul style="list-style-type: none"> <li>iii. the removal and refurbishment, if possible, of the gantry crane on top of the existing main dam wall and its replacement (if possible) on top of the raised main dam wall;</li> <li>iv. the removal and secure storage of historic items located on the top of the existing main dam wall, including the metal dedication and commemorative plaques and the metal 'Water Conservation and Irrigation Commission, NSW', insignia, and their relocation to similar locations on top of the raised main dam wall; and</li> <li>v. archival recording of the existing main dam wall in accordance with best practice outlined in the NSW Heritage Office (1998) guidelines 'How to Prepare Archival Records of Heritage Items' before Construction work begins.</li> </ul>				
<b>Construction Noise and Vibration</b>					
29.1	<p>A Construction Noise and Vibration Management Sub Plan will be prepared as part of the CEMP. The Sub Plan will be prepared in consultation with the Relevant Councils and the CLG and include:</p> <ul style="list-style-type: none"> <li>a) an education program for Construction personnel about noise minimisation;</li> <li>b) identification of each Construction activity, including Ancillary Facilities, and their associated noise sources;</li> <li>c) identification of all potentially affected Sensitive Receivers;</li> <li>d) the Construction noise objective specified in this Final Statement of Commitments;</li> <li>e) the Construction vibration criteria specified in this Final Statement of Commitments;</li> <li>f) determination of appropriate noise and vibration objectives for each identified Sensitive Receiver;</li> <li>g) noise and vibration monitoring, reporting and response procedures;</li> <li>h) assessment of potential noise and vibration from each Construction activity including noise from Construction vehicles and any traffic diversions;</li> <li>i) a description of management methods and procedures and specific noise mitigation treatments that will be implemented to control noise and vibration during Construction;</li> </ul>	SRG's Project Manager / WaterNSW's Project Manager	Before Construction commences		



## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
	<ul style="list-style-type: none"> <li>j) Justification for any activities outside the Construction hours specified in this Final Statement of Commitments. This includes identifying areas where Construction noise would not be audible at any Sensitive Receiver;</li> <li>k) procedures for notifying residents of Construction activities that are likely to affect their noise and vibration amenity; and</li> <li>l) contingency plans to be implemented in the event of non-compliances and/or noise complaints.</li> </ul>				
<b>Construction Hours</b>					
30.1	<p>Construction will be restricted to between the hours of 7:00 am to 6:00 pm (Monday to Friday), 8:00 am to 1:00 pm (Saturday) and at no time on Sundays and public holidays except:</p> <ul style="list-style-type: none"> <li>a) for the delivery of materials required outside these hours by the Police or other authorities for safety reasons; or</li> <li>b) where it is required in an emergency to avoid the loss of lives, property and/or to prevent environmental harm; or</li> <li>c) where the work is identified in the Construction Noise and Vibration Management Sub Plan and approved as part of the CEMP.</li> </ul>	SRG's Project Manager / WaterNSW's Project Manager	During Construction		
30.2	Local residents will be informed of the timing and duration of work approved under item (c) at least 48 hours before that work commences.	WaterNSW's Project Manager	During Construction		
<b>Construction Noise Objective</b>					
31.1	<p>The Construction noise objective for the Activity is to manage noise from Construction activities (as measured by a LA10 (15minute) descriptor) so it does not exceed the background LA90 noise level by more than 5 dB(A).</p> <p>Background noise levels are those identified in the Construction Noise and Vibration Management Sub Plan.</p> <p>Any activities that have the potential for noise emissions that exceed the objective will be identified and managed in accordance with the Construction Noise and Vibration Management Sub Plan. All Reasonable and Feasible noise mitigation and management measures will be implemented with the aim of achieving the Construction noise objective.</p>	WaterNSW's Project Manager	During Construction		

## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
31.2	If the noise from a Construction activity is substantially tonal or impulsive in nature (as described in Chapter 4 of the NSW Industrial Noise Policy), 5dB(A) will be added to the measured Construction noise level when comparing the measured noise with the Construction noise objective.	SRG's Project Manager / WaterNSW's Project Manager	During Construction		
<b>Construction Noise Managements</b>					
32.1	Public address systems used at any Construction site will not be used outside the Construction hours detailed in this Final Statement of Commitments unless otherwise approved through the Construction Noise and Vibration Management Sub Plan. Public address systems will be designed to minimise noise spillage off-site.	SRG's Project Manager / WaterNSW's Project Manager	During Construction		
32.2	No rock breaking, rock hammering, and any similar activities will be undertaken unless otherwise identified in the Construction Noise and Vibration Management Sub Plan, and approved as part of the CEMP.	SRG's Project Manager / WaterNSW's Project Manager	During Construction		
32.3	Where Reasonable and Feasible, noise mitigation measures will be erected at the start of Construction (or at other times during Construction) to minimise Construction noise impacts.	SRG's Project Manager / WaterNSW's Project Manager	During Construction		
<b>Blasting</b>					
33.1	Blasting will only be undertaken between the hours of 9.00am and 3.00pm, Monday to Friday, and 9.00am to 12pm on Saturday, except where the work is identified in the Construction Noise and Vibration Management Sub Plan and approved as part of the CEMP.	WaterNSW's Project Manager	During Construction	Not applicable	Not relevant to this stage.
33.2	The vibration level due to blasting activities will meet the requirements of any relevant DECC Licence. The guideline "Technical Basis for Guidelines to Minimise Annoyance due to Blasting Overpressure and Ground Vibration" prepared by the Australian and New Zealand Environment and Conservation Council (ANZECC) would generally apply to blasting.	WaterNSW's Project Manager	During Construction	Not applicable	Not relevant to this stage.

## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
33.3	Blasting trials will be undertaken if blasting is to be used. Results from the trials will be used to determine site-specific blast designs that will enable the performance criteria specified in the Construction Noise and Vibration Sub Plan to be satisfied.	WaterNSW's Project Manager	During detailed design	Not applicable	Not relevant to this stage.
33.4	All Reasonable attempts will be made to advise occupants of residences located within 500 metres of a blast, of blasting. The advice will be provided at least 48 hours before a blast and include a schedule of blast time(s) and a telephone number and contact name.	WaterNSW's Project Manager	During Construction	Not applicable	Not relevant to this stage.
33.5	Prior to the storage and use of explosives on site, a risk assessment of the magazine location will be undertaken and the type and quantity of explosives expected to be stored. The assessment will be undertaken in accordance with the guidelines in SEPP 33 – Hazardous and Offensive Development. The results of the assessment will be outlined in the CEMP.	WaterNSW's Project Manager	Before Construction commences	Not applicable	Not relevant to this stage.
33.6	Qualified person to determine the appropriate criteria, design and review that all blasts to ensure no damage to the main dam wall structure.	WaterNSW's Project Manager	Before Construction commences	Not applicable	Not relevant to this stage.
<b>Physical Issues</b>					
<b>Soil and Water Quality Management</b>					
34.1	<p>A Soil and Water Quality Management Sub Plan will be prepared as part of the CEMP. The Sub Plan will be prepared in consultation with the DECC, Department of Natural Resources and Relevant Councils. The Sub Plan will:</p> <ul style="list-style-type: none"> <li>a) where relevant, be consistent with the Department of Housing's guideline "Managing Urban Stormwater - Soils and Construction" and the RTA's "Guidelines for the Control of Erosion and Sedimentation in Roadworks";</li> <li>b) identify the Construction activities that could cause soil erosion or discharge sediment or water pollutants from the site;</li> <li>c) describe management methods to minimise soil erosion or discharge of sediment or water pollutants from the site including: <ul style="list-style-type: none"> <li>i. a strategy to minimise the area of bare surfaces during construction;</li> </ul> </li> </ul>	SRG's Project Manager / WaterNSW's Project Manager	Before Construction commences		

## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
	<ul style="list-style-type: none"> <li>ii. placing sediment fences or bunding or other erosion prevention devices between construction work areas and waterbodies to prevent sediment runoff;</li> <li>iii. using a floating silt curtain or other techniques to prevent sediment dispersal for works occurring below the waterline of Lake Keepit;</li> <li>iv. revegetation of disturbed areas following the completion of construction;</li> <li>d) describe the location and capacity of erosion and sediment control measures;</li> <li>e) identify the timing and conditions under which Construction stage controls will be decommissioned;</li> <li>f) include contingency plans to be implemented for events such as fuel spills; and</li> <li>g) identify how the effectiveness of the sediment and erosion control system will be monitored, reviewed and updated.</li> </ul>				
34.2	<p>An appropriately qualified soil scientist or person with similar expertise in soil and water management will be consulted according to a schedule identified in the Soil and Water Management Sub Plan to:</p> <ul style="list-style-type: none"> <li>a) undertake inspections of temporary and permanent erosion and sedimentation control devices;</li> <li>b) ensure that the most appropriate controls are being implemented;</li> <li>c) check that controls are being maintained in an efficient condition; and</li> <li>d) check that controls meet the requirements of any relevant approval and/or licence condition.</li> </ul> <p>The results of these inspections and any follow-up actions will be reported in the Construction Compliance Reports.</p>	WaterNSW's Project Manager	During construction		
<b>Air Quality</b>					
35.1	<p>A Dust Management Sub Plan will be prepared as part of the CEMP. The Sub Plan will identify:</p> <ul style="list-style-type: none"> <li>a) potential sources of dust;</li> <li>b) dust management objectives consistent with DECC guidelines;</li> </ul>	SRG's Project Manager / WaterNSW's Project Manager	Before Construction commences		



## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
	<ul style="list-style-type: none"> <li>c) a monitoring program to assess compliance with the identified objectives. Monitoring for dust deposition and particulate concentration will be undertaken according to the DECC Guideline “Approved Methods for Sampling and Analysis of Air Pollutants in New South Wales”;</li> <li>d) disturbed areas would be stabilised immediately to prevent or minimise wind-blown dust;</li> <li>e) mitigation measures to be implemented, including measures during weather conditions where high level dust episodes are probable (such as strong winds in dry weather);</li> <li>f) a progressive rehabilitation strategy for exposed surfaces with the aim of minimising exposed surfaces;</li> <li>g) nearest potentially affected receptors would be notified prior to blast events;</li> <li>h) PM10 24-hour concentration would be monitored during each blast event, the extent and frequency of which will be outlined;</li> <li>i) rumble grids and/or wheel wash facilities at the site exit onto sealed roads to remove mud and dust from vehicles. Alternatively, roads would be swept to remove dirt and mud; and</li> <li>j) pre-construction baseline levels measured to establish the existing ambient air profiles and evaluate the effectiveness of the site-specific ameliorative measures.</li> </ul>				
35.2	Construction vehicles using public roads will be maintained to prevent any loss of load, whether dust, liquid or soils. Facilities will be provided at exit points of all Construction sites/compounds to minimise tracking mud, dirt or other material onto a public road or footpath. In the event of any spillage, the spilled material will be removed as soon as practicable within the same working day as the spillage.	WaterNSW’s Project Manager	During construction		
35.3	All plant and equipment used in connection with the Activity will be: <ul style="list-style-type: none"> <li>a) maintained in a proper and efficient condition; and</li> <li>b) operated in a proper and efficient manner.</li> </ul>	SRG / WaterNSW’s Project Manager	During construction		
<b>Energy Efficiency</b>					

## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
36.1	Procedures to minimise energy use will be implemented to promote reduction of greenhouse gases.	WaterNSW's Project Manager	During detailed design		
36.2	Awareness programs will be conducted for all site personnel regarding energy conservation methods.	WaterNSW's Project Manager	During construction		
36.3	Energy audits will be conducted during Construction to identify and address energy wastage.	WaterNSW's Project Manager	During construction		
<b>Cold Water Pollution</b>					
37.1	Subject to the availability of funding, State Water will implement the preferred multi-level offtake structure.	WaterNSW's Project Manager	As part of State Water's Dam Upgrade Program	Not applicable.	Not relevant to this stage. Feasibility of the multi-level offtake is under review.
37.2	State Water will undertake water quality monitoring to support the operation of the multi-level offtake, in accordance with the operating protocol and Namoi Water Supply Works Approval.	WaterNSW's Project Manager	As part of State Water's Dam Upgrade Program	Not applicable.	Not relevant to this stage. Feasibility of the multi-level offtake is under review.
<b>Social and Economic Issues</b>					
<b>Property Damage, Acquisition and Compensation</b>					
38.1	<p>Subject to landowner agreement, property inspections will be conducted on all Structures (other than structures owned by State Water) within:</p> <ul style="list-style-type: none"> <li>a) 200 metres of blasting;</li> <li>b) 50 metres of Construction activities that generate vibration impacts;</li> <li>c) any other locations identified by State Water; and</li> <li>d) any other locations identified by the EMR.</li> </ul> <p>The property inspections will be undertaken consistent with AS 4349.1 "Inspection of Buildings".</p>	WaterNSW's Project Manager	During Construction		

## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
	<p>Property inspections need not be undertaken if a risk assessment indicates Structures will not be affected. The risk assessment will be undertaken before Construction commences by a suitably experienced and qualified person.</p> <p>The owners of all properties on which property inspections are to be conducted will be advised at least two weeks before the inspection of its scope and methodology and of the process for making a property damage claim. A copy of the property inspection report will be given to the owner of each property inspected at least three weeks before Construction that could affect the property commences.</p> <p>A register of all properties inspected will be maintained by State Water indicating whether the owner accepted or refused the property inspection offer. A copy of the register will be provided to the Director-General upon request.</p>				
38.2	State Water, where liable, will rectify any property or building damage caused directly or indirectly (for example from vibration) by the Activity's Construction at no cost to the property owner(s). Alternatively State Water may negotiate just compensation for the property damage with the property owner.	WaterNSW's Project Manager	During Construction		
38.3	State Water, where liable, will rectify any property or building damage caused directly or indirectly (for example from vibration or from groundwater change) by the Activity's Operation at no cost to the property owner(s). Alternatively, State Water may negotiate just compensation for the property damage with the property owner.	WaterNSW's Project Manager	During Operation		
38.4	<p>A Master Plan will be prepared for affected areas in the State Park in conjunction with State Parks. The Plan will be prepared at the cost of State Water and their implementation agreed between State Water and State Park. The Master Plan will contain measures as appropriate to:</p> <ul style="list-style-type: none"> <li>a) relocate facilities and services that would be either directly or indirectly affected by Construction such as the sailing club and boat ramp and impacts to caravans in The Gums Caravan Park and other identified facilities; and</li> <li>b) identify all other actions including reinstatement of facilities and services affected, impact offsets including any compensation negotiated,</li> </ul>	WaterNSW's Project Manager	During planning assessment and detailed design	Complete	Not relevant to this stage. The Master Plan has been completed.

## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
	emergency management facilities and plans, land tenure issues and overall strategic approach.				
38.5	<p>Any such acquisition will be undertaken in accordance with the <i>Land Acquisition (Just Terms Compensation) Act 1991</i> (NSW). The <i>Land Acquisition (Just Terms Compensation) Act</i> encourages the purchase of land by negotiation (similar to a private sale) and for State Water, the starting point is always through negotiation. However if these negotiations are unable to be concluded, or if the landowner objects, then State Water may acquire the land through compulsory acquisition.</p> <p>Compulsory acquisition requires a recommendation from the Minister for Water and Energy. The amount of payment for land acquired either through negotiation or compulsory acquisition is based on the market value of the property, including any improvements, as if unaffected by the proposal. In case of acquisition either through negotiation or compulsory means, the payment for land would be assessed in accordance with the <i>Land Acquisition (Just Terms Compensation) Act 1991</i>. Any:</p> <ul style="list-style-type: none"> <li>a) payment of compensation (or promise thereof); or</li> <li>b) rehabilitation, repair or acquisition of land (or promise thereof) by State Water to one landholder does not oblige it to pay compensation to, or rehabilitate, repair or acquire the land of, another landholder.</li> </ul>	WaterNSW's Project Manager	During planning assessment and detailed design	Complete	Not relevant to this stage. Acquisition is complete and will not occur as part of Stage 2, Package 2, works.
<b>Traffic</b>					
39.1	Road dilapidation reports will be prepared before Construction commences for all public roads likely to be used by Construction traffic. Copies of the reports will be provided to the relevant roads authority.	WaterNSW's Project Manager	Before Construction commences		
39.2	Road dilapidation reports will be prepared after Construction is complete for all public roads likely to be used by Construction traffic. Copies of the reports will be provided to the relevant roads authority. Any damage resulting from Construction, except that resulting from normal wear and tear, will be repaired at State Water's cost. Alternatively State Water may negotiate an alternative arrangement for road damage with the relevant roads authority.	WaterNSW's Project Manager	Before Construction commences		

## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
39.3	<p>A Construction Traffic Management Sub Plan will be prepared as part of the CEMP. The Sub Plan will be prepared in consultation with the relevant roads authority and include:</p> <ul style="list-style-type: none"> <li>a) identification of all roads to be used by Construction traffic, in particular roads proposed to transport large quantities of Construction materials. The expected timing and duration of road usage will be stated;</li> <li>b) management methods to ensure Construction traffic uses identified roads;</li> <li>c) identification of all roads that may be partially or completely closed during Construction and the expected timing and duration of these closures. Consideration will be given to programming Construction works to minimise road closures during peak hours and/or holiday periods;</li> <li>d) impacts on all types of existing traffic including pedestrians, vehicles, cyclists, and disabled persons;</li> <li>e) temporary traffic arrangements including property access;</li> <li>f) access to Construction sites including entry and exit locations and measures to prevent Construction vehicles queuing on public roads;</li> <li>g) a response plan for any Construction traffic incident; and</li> <li>h) monitoring, review and amendment mechanisms.</li> </ul>	SRG's Project Manager / WaterNSW's Project Manager	Post Construction		
<b>Visual Impact and Landscaping</b>					
40.1	<p>A Visual Impact, Landscaping and Revegetation Sub Plan will be prepared as part of the CEMP. The Sub Plan will be prepared in consultation with the CLG and Lake Keepit State Park Trust. The Sub Plan will present an integrated landscaping and revegetation design for the Activity and will be consistent with the Master Plan prepared in Statement of Commitment 39.4. The Sub Plan will include design treatments for:</p> <ul style="list-style-type: none"> <li>a) location and identification of existing vegetation and proposed landscaped and revegetation areas; and</li> <li>b) fixtures such as lighting, fencing and signs.</li> </ul> <p>The Sub Plan will also include the following information:</p> <ul style="list-style-type: none"> <li>a) graphics for key elements such as sections, sketches and perspective views;</li> </ul>	WaterNSW's Project Manager	Before Construction commences	Complete	<p>Not relevant to this stage. The Visual Impact, Landscaping and Revegetation Sub Plan was prepared and completed for Work Package 1.</p>



## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
	<ul style="list-style-type: none"> <li>b) a schedule of species to be used in landscaping. The derivation of the schedule will be explained including its relationship with the Activity's ecological studies;</li> <li>c) details of the timing and progressive implementation of landscape works considering related environmental controls such as erosion and sedimentation controls and drainage; and</li> <li>d) procedures and methods to monitor and maintain landscaped or rehabilitated areas.</li> </ul>				
<b>Hazards and Risk Management</b>					
41.1	<p>A Hazards and Risk Management Sub Plan will be prepared as part of the CEMP. The Sub Plan will include:</p> <ul style="list-style-type: none"> <li>a) details of the hazards and risks associated with the Activity during Construction; and</li> <li>b) mitigation measures including contingency plans.</li> </ul>	SRG's Project Manager / WaterNSW's Project Manager	Before Construction commences		
<b>Waste Management and Recycling</b>					
42.1	<p>A Waste Management and Re-use Sub Plan will be prepared as part of the CEMP. The Sub Plan will address the management of wastes during Construction in accordance with the NSW Government's Waste Reduction and Purchasing Policy. The Sub Plan will identify requirements for:</p> <ul style="list-style-type: none"> <li>a) the application of the waste minimisation hierarchy principles of avoid/reduce/re-use/recycle/dispose;</li> <li>b) waste handling and storage;</li> <li>c) disposal of wastes. Specific details will be provided for cleared vegetation, contaminated materials, glass, metals and plastics, hydrocarbons (lubricants and fuels) and sanitary wastes; and</li> <li>d) any waste material that is unable to be re-used, re-processed or recycled will be disposed at a facility approved to receive that type of waste.</li> </ul>	SRG's Project Manager	Before Construction commences		
<b>Utilities and Services</b>					



## Compliance Tracking Program

Source Ref.	Statement of Commitments	Responsibility	Timing	Status	Comments
43.1	Utilities and services (hereafter “services”) potentially affected by Construction will be identified to determine requirements for diversion, protection and/or support. Alterations to services will be determined by negotiation between State Water and the service providers. State Water in consultation with service providers will ensure that disruption to services resulting from the Activity are minimised and advised to customers.	WaterNSW’s Project Manager	During detailed design		