

Schedule 1: Roles and Responsibilities v1.3

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1. Interpretation

In this Schedule:

AWDs means *available water determination*

DPE means the NSW Department of Planning and Environment

DPE Water Customer means those entities listed under the headings 'Exceptions' in Schedules A.1 and A.2 of the WaterNSW Operating Licence 2017-2022 and any person who holds or applies for a WAL or approval that is listed under those headings

DPE Water, **DPE EES** and **DPE P&A** mean the Water Group, the Environment, Energy and Sciences Group and the Planning and Assessment Group respectively, within DPE

FMP means a floodplain management plan, being a management plan made under the WMA that deals with floodplain management

IPART means the Independent Pricing and Regulatory Tribunal established under the *Independent Pricing and Regulatory Tribunal Act 1992*

LRS means NSW Land Registry Services

NRAR means the Natural Resources Access Regulator established under the NRAR Act

NRAR Act means the *Natural Resources Access Regulator Act 2017*

Services Schedule has the same meaning it has in clause 5.5 of the Agreement.

Steering Group means the group established under clause 3.2 of the Roles and Responsibilities Agreement

WAL means water access licence

WAMC means Water Administration Ministerial Corporation

WLS means Water Licensing System

Works Approvals means water management works approvals as defined in Chapter 3, Part 3, Division 1 of the WMA

WMA means the *Water Management Act 2000*

WMR means the *Water Management (General) Regulation 2018*

WNSW means Water NSW

WNSW customer means an entity or person that is not a DPE Water customer.

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

WSP means a water sharing plan, being a management plan made under the WMA that deals with water sharing

2. Output measures and performance indicators

In this Schedule, the WAMC output measures and performance indicators set by IPART are included for information purposes only and do not form part of the roles and responsibilities of the parties.

A. General functions

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
A.1	Legislation, planning, policy	Provides technical expertise and data to be used in the formulation of management plans and contributes to the development and review of these plans, as required.	Sets the longer-term rules for sharing, use and management of water resources so as to deliver the government's policies and strategies.	Implements the NRAR Act, performing compliance and enforcement functions under the WMA.	WNSW
		<p>Provides data, expertise and advice to DPE Water and NRAR to support their functions, as described in the relevant services schedule or Additional Services agreement (e.g. water information databases such as WLS, WAS and Hydstra).</p> <p>Implements management plan rules where relevant to WNSW conferred functions.</p> <p>Implements relevant NSW government policies where relevant to WNSW functions.</p> <p>Provides feedback to DPE Water on the on-ground effectiveness and efficiency of the legislative and policy framework.</p> <p>Provides feedback to DPE Water on any proposed changes to any legislation related to water management</p> <p>Provides data and information to DPE Water to enable DPE Water to respond to audits under s 44 of the WMA.</p> <p>Provides the WNSW Services as defined in the Agreement.</p>	<p>Leads all water legislation, policy and planning activities in NSW including setting rules with respect to the requirement for, assessment of applications for and grant of WALs and works, use and activity approvals, in consultation with NRAR and WNSW.</p> <p>Primarily responsible for development, review, audit and, where applicable, implementation of water policies and management plans across NSW.</p> <p>Develops guidance frameworks around capital works programs.</p> <p>Manages groundwater and reports on groundwater variations, availability and management.</p> <p>Liaises with WNSW when drafting or reviewing management plans, including in relation to impact on monitoring.</p> <p>Notifies WNSW and NRAR of the commencement of a new management plan or change of policy.</p> <p>DPE Water relies on data from WNSW and NRAR to perform its resource management functions.</p>	<p>Provides feedback to DPE Water on the on-ground effectiveness and efficiency of the legislative and policy framework, and to WNSW about implementation of the framework.</p> <p>Provides feedback to DPE Water and WNSW about the effectiveness and efficiency of policy and procedure from a compliance perspective.</p>	<p>DPE Water</p> <p>W06-01 Water plan development (coastal) – OM37 to OM42</p> <p>W06-02 Water plan development (inland) – OM43 to OM50</p> <p>W06-03 Floodplain management plan development – OM51 to OM56</p> <p>W06-04 Drainage plan development</p> <p>W06-05 Regional planning and management strategies – OM57 to OM61</p> <p>W06-06 Development of water planning and regulatory framework – OM62 to OM64</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
			<p>Assists WNSW and NRAR as required in preparation of price submissions and advises WNSW and NRAR on policy and other changes that have price implications to facilitate price submissions to IPART.</p> <p>Responds to audits under s 44 of the WMA.</p> <p>Provides DPE Water Services to WNSW as defined in the Agreement.</p>		<p>W06-07 Cross border and national commitments – OM65 to OM66</p>
					NRAR
A.2	Water allocations	<p>Provides DPE Water with timely hydrographic data (resource assessment), information and advice as prescribed in the Works Approvals to facilitate the making of safe available water determinations.</p> <p>Provides DPE Water with groundwater metering data, to facilitate the making of groundwater AWDs in accordance with the Services Schedule.</p> <p>Provides DPE Water with (read only) access to the CAIRO replacement systems (CARMs database) so that DPE Water:</p> <ol style="list-style-type: none"> a. can 'see' operational data in (near) real-time in the same way that WNSW river operators see that data and. 	<p>Delegated function</p> <p>Makes available water determinations – s59(1)(a) and (b) WMA.</p> <p>Approves the announcement of supplementary access – s70 WMA.</p> <p>On receipt of resource assessment advice from WNSW, undertakes and prepares water allocation advice (water allocation statement). Upon approval, makes public water allocation announcements and instructs WNSW (order under s 59 of the WMA) to credit water accounts.</p>		<p>WNSW</p> <p>DPE Water</p> <p>W05-01 Systems operation and water availability management</p> <p>Output measure (OM25) A theme-based WSP implementation program established and published</p> <p>Output measure (OM26) Annual implementation effectiveness reviews completed for each theme and communicated to key stakeholders (water agencies, Murray-Darling Basin Authority, Natural Resources Commission, industry and public) through</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
		<p>b. Has independent access to and can verify information to enable DPE Water to fulfil its statutory obligations.</p> <p>Credits retail water accounts in accordance with an approved Order from DPE (as per water allocation accounts (retail) tasks).</p>			<p>annual reports and DPEDPE Water website update.</p> <p>Output measure (OM27) Manage Long Term Average Annual Extraction Limit (LTAAEL) in priority WSPs where it is exceeded</p> <p>Report back: Number of times that there is noncompliance with the long-term average annual extraction limit, as defined in each WSP. i.e. 1, X Water Sharing Plan Output = 0 per year</p> <p>Performance indicator 100% compliance with (LTAAEL) assessed annually for priority water sharing plans in accordance with rules set out in respective WSPs, and available water determinations (AWDs) reflect an appropriate reduction in allocations where LTAAEL is exceeded</p> <p>Report back: WSP non-compliance addressed through the required management action, as defined in each WSP i.e. 100%, AWDs reduced to be compliant with the extraction limit.</p> <p>Output measure (OM28) Snowy licence review implemented by 2022.</p> <p>Output measure (OM29) AWDs and allocation statements released for each WSP</p> <p>Performance indicator AWDs published on website within 1 week of being made = 100%</p>
A.3			Provides technical advice to NRAR on WNSW performance against its Works		WNSW

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
	Reviews compliance with WNSW works approvals”	Prepares annual compliance reports in accordance with clause 7.2 of the Operating Licence.	Approvals – for example whether it has complied with the delivery of planned environmental water in accordance with WSPs. Determines Works Approvals applications made by WNSW in accordance with s95 of the WMA Licensing authority for WNSW	Reviews compliance with WNSW works approvals”	DPE Water NRAR
A.4	Operational and water sector performance management	<p>Undertakes the operational management of surface water resources, and the delivery of water in regulated river systems.</p> <p>Performs operational activities:</p> <ul style="list-style-type: none"> for public information or benefit, to meet its Conferred Functions (as defined by the Agreement), to meet its other functions, to support DPE Water’s legislative, policy and resource management functions and NRAR’s regulatory and compliance functions, and for third parties. <p>Provides licensing and approvals, metering, water ordering, accounting, and billing data and feedback to support the licensing and approvals system, water policy, strategic direction, water planning, resource management and regulation and compliance and enforcement.</p> <p>Operates its water monitoring networks to collect, manage, and make available data from those networks in a suitable and efficient way to DPE Water’s and NRAR’s roles.</p> <p>Collects, stores, and makes available data according to the requirements set by DPE Water and NRAR and the requirements set by relevant Australian or industry Standards.</p>	<p>Defines what outputs DPE Water requires from WNSW:</p> <ul style="list-style-type: none"> in circumstances where WNSW’s performance of its Conferred Functions and other functions is for the purpose of enabling DPE Water to undertake its regulatory or water resource management functions, and where WNSW provides services to DPE Water. <p>Develops a water sector performance framework and performance dashboard in consultation with WNSW and NRAR.</p> <p>Shares reporting information with WNSW and NRAR consistent with a water sector performance framework agreed by the Steering Group.</p> <p>Monitors, evaluates and reports performance of management plans.</p> <p>Undertakes licensing and approvals functions for DPE Water Customers under the WMA and the <i>Water Act 1912</i> by delegation from the Minister.</p>	<p>Shares reporting information with DPE Water and WNSW consistent with a water sector performance framework agreed by the Steering Group.</p>	<p>WNSW</p> <p>DPE Water W05-04 Water plan performance assessment and evaluation</p> <p>Output measure (OM35) WSP risk assessments prepared: Output = 25</p> <p>Performance indicator WSPs with risk assessments available prior to remake date = 100%</p> <p>Output measure (OM36) WSPs included in the scope of monitoring programs: Output = Monitoring data for all inland (Basin) WSPs, at least six coastal WSPs (approximately 50% of coastal WSP remakes during the period)</p> <p>Performance indicator WSPs with monitoring outcomes available prior to evaluation and remake date = 100%</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
		Share reporting information with DPE Water and NRAR consistent with a water sector performance framework agreed by the Steering Group.			NRAR
A.5	Procedures	<p>Sets procedures relevant to all functions, tasks and activities that comply with WMA, WMR, relevant management plans and other statutory instruments.</p> <p>Works with DPE Water and NRAR to establish procedures for shared and interdependent functions.</p> <p>Shares operating and procedure manuals with DPE Water and/or NRAR on request.</p>	<p>Sets procedures relevant to all functions, tasks and activities that comply with WMA, WMR, relevant management plans and other statutory instruments.</p> <p>Works with WNSW and NRAR to establish procedures for shared and interdependent functions.</p> <p>Shares operating and procedure manuals with WNSW and/or NRAR on request.</p>	<p>Sets procedures relevant to all compliance and enforcement functions, tasks and activities for the WMA, WMR and other related statutory instruments.</p> <p>Shares operating and procedure manuals with DPE Water and/or WNSW on request, where this does not interfere with or fetter NRAR investigations, activities or independence.</p> <p>Works with WNSW and DPE Water to establish procedures for shared and interdependent functions.</p> <p>Provides feedback to DPE Water and WNSW about the effectiveness and efficiency of policy and procedure from a compliance perspective.</p>	<p>WNSW</p> <p>DPE Water</p> <p>NRAR</p>
A.6	WNSW Operating Licence	Advises DPE Water if changes to Operating Licence are required.	Consults with WNSW (as required by the <i>Water NSW Act 2014</i>) and NRAR prior to		WNSW

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
		Assists IPART and the Governor with reviews of the Operating Licence with a view to extending or granting a new Operating Licence in accordance with s14 of the <i>Water NSW Act 2014</i>	<p>making Operating Licence amendments recommendations.</p> <p>Recommends changes to the Operating Licence to the Minister.</p> <p>Leads preparation of Executive Council packages to effect the amendments.</p> <p>Contributes to IPART's operational audits and end of term (and other) reviews of the Operating Licence.</p>	<p>Contributes to IPART's operational audits and end of term (and other) reviews of the Operating Licence.</p> <p>Advises DPE Water if changes to Operating Licence are required.</p>	<p>DPE Water</p> <hr/> <p>NRAR</p>

1. Water Access Licences (WALs)

1.1 Licences – applications and determinations

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
1.1.1	<p>Determine the form of a WAL</p> <p>Approve the form for an application for a WAL</p> <p>Section 63(7) of WMA</p>	<p>Conferred function for WNSW customers - section 63(7) of WMA, clause 9(1)(a) of WMR</p> <p>Sets the form for a WAL</p> <p>a. in accordance with WNSW operational needs and statutory requirements and</p> <p>b.in consultation with DPE Water to improve consistency and efficiency.</p>	<p>Delegated function</p> <p>Works with WNSW to improve forms to ensure consistency and efficiency and compliance with statutory requirements.</p> <p>Sets forms in accordance with operational needs and statutory requirements and in consultation with WNSW and NRAR to improve consistency and efficiency.</p>	Provides feedback to WNSW and DPE Water on forms to assist NRAR with its operational and enforcement functions	<p>WNSW</p> <hr/> <p>DPE Water</p> <hr/> <p>NRAR</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
1.1.2	<p>WAL applications</p> <p>Receive applications for:</p> <ul style="list-style-type: none"> specific purpose access licences, including domestic and stock, zero share WALs licences under the <i>Water Act 1912</i> (NSW) where that Act still applies, and access licences issued pursuant to a controlled allocation order under section 65 of the WMA. <p>Section 61 of WMA</p>	<p>Conferred function for WNSW customers – sections 61(1), 61(5)(a), 61(5)(b), 61(6), 61(7) WMA</p> <p>Undertakes all WAL application tasks for WNSW customers including:</p> <ol style="list-style-type: none"> maintaining the applications portal on the WNSW website receiving, triaging and transferring WNSW Customer inquiries; and undertaking pre-assessments of applications and making recommendations in relation to applications received <p>Ensures applications are complete prior to referral to DPE Water for all groundwater technical assessments unless agreed through agreed triages and/or procedures.</p> <p>Applies WSP rules, WMA requirements and relevant DPE Water policies to each application received by a WNSW Customer.</p>	<p>Delegated function</p> <p>Manages controlled allocation orders under section 65 of the WMA, including managing the making of such orders.</p> <p>Administers the order processes for all such orders up to the issue of the right to apply for a new WAL. The right to apply for a new WAL is evidenced by a Reference Number issued by DPE Water Controlled Allocations Officer.</p> <p>Undertakes all WAL application tasks for DPE Water customers</p> <p>Applies WSP rules, WMA requirements and relevant DPE Water policies to each application received by a DPE Water Customer.</p>		<p>WNSW</p> <p>W09-01 - Water consents transactions</p> <p>OM74: WAL –applications determined within 40 days = 80%</p>
					<p>DPE Water</p> <p>W09-01 - Water consents transactions</p> <p>OM74: Water Access Licence – applications determined within 40 days = 80%</p>
					<p>NRAR</p>
1.1.3	<p>Advertising, processing, assessing, dealing with objections and appeals</p> <p>Advertising, processing, assessing, dealing with objections and appeals in accordance with statutory requirements.</p> <p>Notification under section 24HA(7) <i>Native Title Act 1993</i> (Cth).</p> <p>Sections 61 and 62 of WMA</p>	<p>Conferred function for WNSW customers – ss 61(3), 62(2), 62(3)(a), 62(3)(b), 62(4), 62(5), 62(6), 62(7), 64 WMA</p> <p>Undertakes all advertising, processing, assessing, dealing with objections and appeals tasks for WNSW Customers, including native title notification under section 24HA(7) of the <i>Native Title Act 1993</i> in accordance with the WM Act, guidelines and procedures established by DPE Water and WSPs.</p>	<p>Delegated function</p> <p>Determines procedures to be specified in the WMR e.g., advertising.</p> <p>Notifies WNSW of any rule changes which may require updating of their procedures, such as changes to WSP rules for assessing applications.</p> <p>Provides advice to WNSW as set out in 1.1.4.</p> <p>Delegated function</p> <p>Undertakes all advertising, processing, assessing, dealing with objections and appeals tasks for DPE Water Customers, including native title notification under section 24HA(7) of the <i>Native Title Act 1993</i>.</p>		<p>WNSW</p> <p>W09-01 - Water consents transactions</p> <p>OM74: WAL –applications determined within 40 days = 80%</p>
					<p>DPE Water</p> <p>W09-01 - Water consents transactions</p> <p>OM74: Water Access Licence – applications determined within 40 days = 80%</p>
					<p>NRAR</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
1.1.4	<p>Impact assessment</p> <p>Assess the environmental impacts to ensure that adequate arrangements will be in force to ensure that no more than minimal harm will be done to any water source as a consequence of water being taken under the licence.</p> <p>Section 63 of WMA</p>	<p>Conferred function for WNSW customers – s63(2) WMA</p> <p>Refers applications to DPE Water for technical assessment and advice in accordance with established triage processes and procedures between the agencies.</p> <p>Considers advice provided DPE Water when making a decision on whether to grant an application and/or what conditions the licence should be subject to.</p> <p>Inform DPE Water if it intends not to follow DPE Water’s advice or recommendations with respect to advice or technical assessment.</p>	<p>Delegated function</p> <p>Sets the criteria for WNSW to determine the applications that must be referred to DPE Water for technical and assessment advice.</p> <p>Provides groundwater advice to WNSW for WNSW Customer applications under the <i>Water Act 1912</i> and WMA, including:</p> <ul style="list-style-type: none"> a. recommendations with respect to the grant or refusal of applications and b. conditions in accordance with any Service Level Agreement entered into by the parties. 		WNSW
					DPE Water
					NRAR DPE
1.1.5	<p>Grant or refusal of applications</p> <p>The tasks involved are comprised of:</p> <ul style="list-style-type: none"> a. Determines a licence application by granting or refusing to grant the licence. b. Notifies applicant and any objectors of decision. c. Lodges instructions with LRS to register a new WAL in the WAL Register. <p>Together the Grant or Refusal Tasks</p> <p>Update WLS and water account information.</p>	<p>Conferred function for WNSW customers – s63(1) WMA</p> <p>Undertakes the Grant or Refusal Tasks in respect of applications made by WNSW Customers.</p> <p>Sets any discretionary conditions and imposes mandatory conditions in accordance with “Imposing and varying conditions of WAL” tasks (see 1.1.6).</p> <p>(Undertaking this function may be a ‘future act’ under the <i>Native Title Act 1993 (Cth)</i> – refer to section 24HA.)</p>	<p>Delegated function</p> <p>Delegated function</p> <p>Undertakes all Grant or Refusal Tasks in respect of applications made by DPE Water Customers.</p> <p>Sets any discretionary conditions and imposes mandatory conditions in accordance with “Imposing and varying conditions of WAL” tasks (see 1.1.6).</p> <p>(Undertaking this function may be a ‘future act’ under the <i>Native Title Act 1993 (Cth)</i> – refer to section 24HA.)</p>		WNSW
					DPE Water
					DPE Water

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
	Section 63 of the WMA				NRAR
1.1.6	<p>Imposing and varying conditions of WALs and amending licences</p> <p>The development, imposition, review and revocation of mandatory and discretionary conditions, including:</p> <ul style="list-style-type: none"> for new rules in WSPs, or the WMR, draft new conditions and identify application of new conditions to licences, for amended rules in WSPs, or the WMR, identify existing conditions which require amendment, draft amended conditions and identify application of amended conditions to licences, give notice of any proposal to impose discretionary conditions and consider any submissions made by licence holder, create instructions to apply new or amended conditions to licences, determine an application to have a discretionary condition revoked, amend the share component or extraction component - amend licence by withdrawing the nomination of a specified water supply work, notify licence holder and security holder of any amendment under s 68A of the WMA, and formal notification of mandatory conditions to licence holders (notification materials prepared by 	<p>Conferred function for WNSW customers - sections 66(1), 66(2A), 67(1), 67(3), 67(4), 68, 68A(1), 68A(1A), 68A(1E), 68A(2) of WMA</p> <p><u>Mandatory conditions</u></p> <p>Provides input to DPE Water into the drafting of mandatory conditions and notification materials.</p> <p>Undertakes mass notification for all persons of the conditions imposed on WAL when:</p> <ul style="list-style-type: none"> the WMA, WMR or a WSP is amended, a new WSP commences or a WSP is remade; and as a result, changes to the conditions on WAL are required. <p>Keeps accurate records of notification of conditions.</p> <p>Responds to licence holder enquiries arising from mass notification of conditions.</p> <p>Requests DPE Water applies or removes mandatory conditions required through the assessment process for WAL in relation to WNSW Customers.</p> <p>Keeps the WLS database up to date, including stakeholder contact details.</p> <p><u>Discretionary conditions</u></p> <p>Imposes discretionary conditions through the application assessment process on WALs for WNSW Customers.</p>	<p>Delegated function</p> <p><u>Mandatory conditions</u></p> <p>Reviews application of mandatory conditions when a WSP is amended or remade and identifies changes required to give effect to WSP rules.</p> <p>Develops mandatory conditions to give effect to rules in WSPs, the WMA and the WMR.</p> <p>Creates mandatory conditions in WLS and creates linkages to relevant licence categories, work types, water source/management zones and exceptions.</p> <p>Imposes or removes mandatory conditions on or from WAL when WSPs commence are amended or are remade, or when the WMA or WMR are amended.</p> <p>Prepares formal notification materials for mass notification of all persons of conditions applied to WAL</p> <p>Adds or removes mandatory conditions required through the assessment process on WAL on request from WNSW.</p>	<p>Delegated function</p> <p><u>Mandatory conditions</u></p> <p>Provides input to DPE Water into the drafting of mandatory conditions and notification materials.</p> <p>Enforces compliance with mandatory conditions pursuant to NRAR Act.</p> <p>Advises DPE Water and WNSW of changes needed to mandatory conditions to enable or improve enforceability.</p> <p><u>Discretionary conditions</u></p> <p>Enforces compliance with discretionary conditions pursuant to NRAR Act and WMA.</p> <p>Advises DPE Water and WNSW of changes needed to discretionary conditions to enable or improve enforceability.</p>	<p>WNSW</p> <p>W09-01 - Water consents transactions</p> <p>OM74: WAL –applications determined within 40 days = 80%</p> <p>: W08-02 - Consents</p> <p>OM69 WSP rules are enforceable because the plan mandatory conditions are reflected on the licence</p> <p>Performance Indicator management and licence conversion - Necessary changes to conditions are notified to the licence/approval holder within 6 months of the event requiring notification = 100%</p> <hr/> <p>DPE Water</p> <p>: W08-02 - Consents management and licence conversion –</p> <p>OM69 WSP rules are enforceable because the plan mandatory conditions are reflected on the licence</p> <p>Performance indicators: Rule changes are reviewed to identify whether condition changes are necessary within 3 months of the event requiring = 100%</p> <p>OM74: W09-01 - Water consents transactions</p> <p>WAL –applications determined within 45 days = 80%</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
	DPE Water and notifications sent by WNSW). Sections 66, 67, 68 and 68A of WMA		<p><u>Discretionary conditions</u></p> <p>Develops and approves model discretionary conditions relating to WALs.</p> <p>Develops discretionary conditions to support rules in WSPs, the WMA and WMR, where applicable and applied in bulk to licences, for example, discretionary conditions to operationalise active management rules.</p> <p>Applies discretionary conditions which apply to licences in bulk when WSPs commence or are amended or are remade.</p> <p>Creates and applies discretionary conditions through the application assessment process on WAL for DPE Water Customers.</p>		NRAR
1.1.7	<p>WAL Register</p> <p>Determine form and manner for keeping information in the WAL Register.</p> <p>Record matters under s 71A(2) in WAL Register.</p> <p>Determine form of applications under:</p> <ul style="list-style-type: none"> ss 71D(1)(a), 71E, 71L(4)(a), 71X(1)(f) & cl 19 of Sch 10 of the WMA, and ss 71H(1), 71L(1)(a), 72(1), 73(1), 87B(3) & cl 2(1), 3(1), 3(5) & 5(2) of Sch 1A of the WMA. <p>Record details of certain Ministerial action in the WAL Register and determine form in which such actions may be recorded.</p> <p>Include in the WAL Register such other information about the holder of an access licence and the conditions of, and other matters relating to, the licence as appropriate.</p>	<p>Conferred functions for all persons – s71(1) but only in relation to matters specified in s71A(2) – Assignment Division,</p> <p>71(3) and Schedule 1A cl 1(2) and 1(4), 71A(2), 71D(1)(a), 71E, 71L(4)(a), 71X(1)(f) and Schedule 10 cl 19, 71H(1), 71L(1)(a), 72(1), 73(1), 87B(3) and Schedule 1A (cl 2(1), 3(1), 3(5), 5(2)), 71G, 71I, 71L(4)(b), 71M(4), 71N(4), 71N(7), 71O(1), 71P(1)(a), 71P(1)(b), 71Q(1), 71QA(4)&(5), 71R(1), 71S(1), 71T(4), 71U(2), 71V(2), 71W(1), 71Y(6), 71, 74, 76, 87B of WMA</p> <p>Conferred function for WNSW customers only – all other functions under Sch 1A of WMA excluding those listed above</p> <p>Undertakes all WAL Register tasks, including the lodgement of instructions to LRS for all persons.</p>	Where an error or a requirement for an amendment to the WAL Register is identified, instructs WNSW to correct the error or make the amendment.	Where an error or a requirement for an amendment to the WAL Register is identified, instructs WNSW to correct the error or make the amendment.	<p>WNSW</p> <p>W08-01 (Regulation systems management) The management, operation, development and maintenance of the register for WALs, approvals, trading and environmental water.</p> <p>Performance indicator: System availability = 95% Security and privacy of user data measured through audit = No major nonconformances</p> <p>DPE Water</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
	<p>Correct errors, omissions or defects or otherwise amend WAL Register.</p> <p>WAL reconciliation.</p> <p>Lodgement of instructions with LRS to request changes to the WAL Register.</p> <p>LRS lodgement and preparation of Minister's instructions.</p> <p>Licence Verification (holder).</p> <p>LRS SLA/SIX Administration.</p> <p>Security interest registration.</p> <p>Release of WAL certificates.</p> <p>WAL Register liaison and business rules.</p> <p>Ministerial amendments under s711 of the WMA.</p> <p>Issue access licence certificates and all other functions under s 87B of the WMA (LRS function, pursuant to delegation).</p> <p>All other functions under Sch 1A.</p>	<p>Manages the security interest claim process for all water customers (includes instructing LRS to release Certificates).</p> <p>Undertakes all changes to the WAL Register under sections 711 and 68A of the WMA for all persons.</p> <p>Where an error or amendment to the Water WAL Register is required in relation to n DPE Water customer, WNSW informs and consults with DPE Water and amends the Register.</p>			NRAR
1.1.8	Exemptions from requirement for WAL	<p>Conferred function for WNSW customers: cl 21(4), Sch 4 cl 14 of WMR</p> <p>Conferred for all persons: cl 21(5), 21(6)(c), 21(6)(e), 21(6)(e), 230(5), 231(6) of WMR</p> <p>Provides input to DPE Water on policy and rules regarding exemptions WAL requirements.</p> <p>Carries out tasks relating to exemptions including:</p> <p>a. approves certain forms relating to exemptions; requires that certain records be provided by an earlier date; and</p>	<p>Sets policy and rules regarding exemptions from access licence requirements.</p> <p>Delegated functions</p> <p>(Same as those conferred on Water NSW)</p> <p>Makes determinations and grants extensions of exemption relating to basic human water needs.</p>	Provides input on policy and rules regarding exemptions from access licence requirements.	

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
		<p>b. makes determinations and grants extensions of exemption(s) relating to basic human water needs.</p>			
1.1.9	<p>Floodplain harvesting access licences</p> <p><i>A Change Management Process endorsed by the Healthy Floodplains Project Implementation Group (Change Management Process) is currently underway through which floodplain harvesting corporate knowledge is being transitioned to WNSW and NRAR.</i></p>	<p>In relation to the initial issuing of floodplain harvesting WAL, WNSW will undertake the bulk upload of data as provided by DPE Water to create licences in the WLS. This process will be undertaken sequentially in the five northern valleys.</p> <p>Once floodplain harvesting WALs are notified in each valley, WNSW will have responsibility for providing ongoing licensing services to its customers in relation to these licences as set out in tables 1.1 and 1.2 of this Schedule.</p> <p>Floodplain harvesting WALs will be treated the same as any other category of WAL. DPE Water will provide an initial period of post-implementation support to WNSW in accordance with the Change Management Process.</p>	<p>Leads the issue of floodplain harvesting WALs until these licences are notified.</p> <p>The work required to be undertaken prior to handover of licensing accountability to WNSW includes:</p> <ul style="list-style-type: none"> • determination of eligibility of landholders for floodplain harvesting WALs, • determination of WAL share components and licence category, • identification of relevant landholders to be issued with floodplain harvesting access licences, including tenancy arrangements, • management of licence applications which relate to floodplain harvesting, • establishing the rules to govern the ongoing management of floodplain harvesting licences under WSPs and the WMR, • instructing WNSW concerning bulk upload of floodplain harvesting information to WLS and creation of licences, and • notification of licence holders. <p>Once floodplain harvesting WALs are issued, DPE Water will have responsibility</p>		

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
			for providing ongoing licensing services to its customers in relation to these licences as per tables 1.1 and 1.2. The number of DPE Water floodplain harvesting customers is anticipated to be low (<10).		

1.2 Licences – administration and dealings

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
1.2.2	<p>Water allocation accounts (retail)</p> <p>Keep water allocation accounts, including:</p> <ul style="list-style-type: none"> crediting water in accordance with any relevant available water determination or acquired as a result of a dealing, debiting water from the account in accordance with the WMR and the relevant WSP or as a result of a dealing, the withdrawing of water from an account as referred to in s 21(c) of the WMA, where the relevant WSP provides for such withdrawal, and crediting water to accounts as a result of arrangements made with the Minister for the early release of water by Snowy Hydro Limited and debiting those accounts in accordance with directions from the Minister. <p>WNSW to provide water account information to DPE-Water (and NRAR).</p> <p>Section 85 of WMA</p>	<p>Conferred function for all persons – s85(1), 85(2), 85(3), 85(5), 85AA(2) WMA, cl 17(2)(b)(ii) WMR</p> <p>Establishes and maintains water allocation accounts for all WALs giving effect to the relevant water allocation account rules in the relevant WSP.</p> <p>Day to day administration and maintenance (crediting/debiting) of retail water accounts for all licence holders.</p>	<p>Delegated function</p> <p>Establishes water allocation account management rules in WSPs.</p> <p>Develops mandatory conditions for WALs to give effect to water allocation account management rules in WSPs.</p>		<p>WNSW</p> <p>DPE Water</p> <p>NRAR</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
	<p>Keep an account of:</p> <ul style="list-style-type: none"> any individual daily extraction component that is acquired under section 71QA, and any individual daily extraction component that is assigned under section 71QA. <p>Section 85AA(2) of WMA</p>				
1.2.3	Bulk water accounts	Provides comment and data to inform DPE Water decision making as and when required.	<p>Delegated function</p> <p>Responsible for bulk water accounts provided for in WSPs. for example, Environmental Contingency Allowances, Water Quality Allowances, and the like.</p> <p>Seeks recommendations and advice on relevant watering initiatives, provides approval for the use of this water and maintains the accounts (credits/debits) in accordance with the relevant WSP.</p>	Provides comment and data to inform DPE Water decision making as and when required.	<p>WNSW</p> <p>DPE Water</p> <p>NRAR</p>
1.2.4	<p>Dealings and trade</p> <p>Managing dealings and trade of WALs, licence entitlements and water allocations, including:</p> <ul style="list-style-type: none"> determining form of applications, keeping the assignment division of the WAL Register (s71(1) of the WMA) and water allocation accounts, transfers and term transfers, conversion to new category, subdivision and assignment, nominating works, 	<p>Conferred functions for all persons in respect of s71(1) (keeping WAL Register) but only in relation to matters specified in s71A(2), that is, Assignment Division</p> <p>71(3) and Schedule 1A cl 1(2) and 1(4), 71A(2), 71D(1)(a), 71E, 71L(4)(a), 71X(1)(f) and Schedule 10 cl 19, 71H(1), 71L(1)(a), 72(1), 73(1), 87B(3) and Schedule 1A (cl 2(1), 3(1), 3(5), 5(2)), 71G, 71I, 71L(4)(b), 71M(4), 71N(4), 71N(7), 71O(1), 71P(1)(a), 71P(1)(b), 71Q(1), 71QA(4)&(5), 71R(1), 71S(1), 71T(4), 71U(2), 71V(2), 71W(1), 71Y(6), 71, 74 ,76</p>	<p>DPE Water undertakes dealings and trade tasks relating to the determination of the trade where WaterNSW is the WAL holder, with WaterNSW keeping the assignment division of the WAL register relating to the trade</p> <p>Sets requirements with respect to which applications must be referred to DPE Water for advice and assessment.</p> <p>Provides groundwater advice and assessment within agreed timeframes for:</p> <ul style="list-style-type: none"> WAL dealings - groundwater - assignment of water allocation (s 71T), 		<p>WNSW</p> <p>W09-01 Water Consent Transactions</p> <p>OM74:WAL –</p> <p>Performance indicator: applications determined within 45 days = 80%</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
	<ul style="list-style-type: none"> impact assessment, and all other dealings or water trading activities under the WMA and <i>Water Act 1912</i>, other than those dealings managed by LRS. <p>Non-statutory administrative and transactional tasks of lodgement of instructions with LRS for the granting of a dealing and updating WLS when LRS informs of a change to a WAL</p> <p>Under the <i>Access Licence Dealings Principles Order 2004</i> –</p> <ul style="list-style-type: none"> determine conversion factor for calculation of share component of a new WAL, in accordance with any rules in a relevant water sharing plan (cl 11 of the Order), and determine capacity that would conserve water consistent with the share component of the WAL, for water supply work dealings under s 71W (cl 20 of the Order). 	<p>Access Licence Dealings Principles Order 2004 – clauses 11 and 20</p> <p>Undertakes “dealings and trade” tasks for all persons except where WNSW is the holder of the WAL from which the trade is proposed.</p> <p>Undertakes keeping of the assignment division of the WAL register where WaterNSW is the holder of the WAL from which the trade is proposed</p> <p>Refers groundwater dealings applications and applications to trade water allocations by local water utilities to DPE Water for advice and assessment in accordance with established procedures between the agencies.</p> <p>Takes into account advice provided by DPE Water (when relevant) when making a decision in relation to an application for a dealing.</p> <p>Informs DPE Water if it disagrees with advice or assessment.</p> <p>Refers applications for dealings by DPE Water Customers to DPE Water.</p> <p>Takes into account advice provided by NRAR when making a decision in relation to an application for a dealing.</p>	<ul style="list-style-type: none"> WAL dealings - groundwater - subdivision & consolidation of WAL (s 71P), assignment of rights under WALS (s 71Q), nomination of water supply works to WAL (s 71W), amendment of water supply works approvals (bore extraction limit review), new water supply works approvals, new works to be constructed in the Great Artesian Basin, new basic landholder right bores (except for bores within the Great Artesian Basin area), and new basic landholder right bores in the Great Artesian Basin. <p>Supports WNSW in resolving complaints.</p> <p>Supports WNSW through Land and Environment Court proceedings.</p> <p>Provides advice on assessment for applications to trade water allocations by local water utilities in accordance with POL19/19 and procedure INT19/192761.</p> <p>Provides advice or feedback on dealings and trades for DPE Water Customers when requested by WNSW.</p>		<p>DPE Water</p> <p>W09-01 Water Consent Transactions</p> <p>OM74:WAL –</p> <p>Performance indicator: applications determined within 45 days = 80%</p>
1.2.5	<p>Surrender</p> <p>Determine application to surrender a WAL, that is, accept or refuse that application.</p> <p>Notify licence holder of decision to refuse an application.</p>	<p>Conferred function for WNSW customers – 77(1), 77(2B), 77(4)</p> <p>Accepts or refuses the surrender of a WAL and changes the licence holder to the Minister or cancels the licence in relation to</p>	<p>Delegated function</p> <p>Develops policy for surrendered WALs</p> <p>Manages licences surrendered to the Minister.</p>		<p>WNSW</p> <p>DPE Water</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
	<p>Recording the surrender in the WAL Register.</p> <p>Cancel a surrendered access licence, or record in the WAL Register that the Minister is the holder of the surrendered WAL</p> <p>Section 77 of WMA</p>	<p>WNSW customers in line with legislative requirements and DPE Water policy.</p> <p>Records decision with respect to surrender in WLS for DPE Water customers on advice from DPE Water.</p>	<p>Accepts or refuses the surrender of a WAL and changes the licence holder to the Minister or cancels the licence in relation to DPE Water customers in line with legislative requirements and DPE Water policy.</p> <p>Advises WNSW to record decisions to surrender.</p>		NRAR
1.2.6	<p>Suspension and cancellation</p> <p>Suspend or cancel WALs in accordance with statutory requirements.</p> <p>Sections 77A, 78 and 78A of WMA</p>	<p>Conferred function for WNSW customers – s77A(5), 78(1)(c) (except that the power to suspend or cancel under s 78(1)(c) may only be exercised on grounds that fees, charges, interest or rates imposed in respect of the licence have not been paid)</p> <p>Conferred for all persons – 78(1), (but only to the extent that WNSW may suspend a licence for failure to pay fees and charges imposed by WNSW), 78A(1), 78A(1A)</p> <p>Gives notification to DPE Water (under section 78A) in relation to any proposed action on licences held by WAMC or the Minister for Water.</p> <p>Sets procedures relevant to these tasks that comply with the WMA, WMR, relevant WSPs and other relevant legislation.</p>	<p>Delegated function</p> <p>Undertakes suspension and cancellation tasks with respect to DPE Water Customers, in relation to unpaid fees and charges</p>	<p>Delegated function</p> <p>Undertakes suspension and cancellation actions that result from compliance activities, which NRAR undertakes with respect to all persons.</p>	<p>WNSW</p> <p>DPE Water</p> <p>NRAR</p>
1.2.7	<p>Customer transactions and service</p> <p>Name and address corrections.</p> <p>Maintaining WAL records in the WLS.</p> <p>Water search (paid service).</p> <p>Customer enquiries, advice and assistance.</p> <p>Strategic customer service (improvements, benchmarking surveys, service complaint handling).</p>	<p>Manages all inquiries and service complaints in relation to WNSW customers.</p> <p>Sets procedures relevant to these tasks.</p> <p>Ensures correctness and completeness of information on applications.</p> <p>Refers enquiries relating to DPE Water customers to DPE Water as required</p>	<p>Notifies WNSW of corrections for WNSW to make in the WLS.</p> <p>Manages all inquiries and service complaints in relation to DPE Water Customers</p> <p>Refers enquiries relating to WNSW Customers to WNSW as required</p>	<p>Notifies WNSW of corrections for WNSW to make in the WLS.</p>	<p>WNSW</p> <p>W08-01 – regulation systems management Maintaining register for WALs</p> <p>Performance indicator: System availability = 95% Security and privacy of user data measured through audit = No major nonconformances</p> <p>W10-01 – customer management</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
					<p>OM77: Enquiries responded to within 24 hours = 90%</p> <p>OM78: Complaints resolved within 28 days = 90%</p> <p>Performance against 'Skyline' composite measure = Improvement of 2.5% per year. on 2021 level</p>
					<p>DPE Water</p> <p>W10-01 – customer management</p> <p>OM77: Enquiries responded to within 24 hours = 90%</p>
					NRAR
1.2.8	Managing licences held by WAMC	Processes licence and dealing applications in accordance with tables 1.1 and 1.2.	Manages licences held by WAMC.		

2. Water management work and water use approvals

2.1 Works and use approvals – application and determination

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
2.1.1	Determine the form of an approval (water use approval and water management work approval)	Conferred function for WNSW customers -	Delegated function	Provides feedback to any consultation as requested by WNSW and/or DPE Water	<p>WNSW</p> <p>DPE Water</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
	Section 95(4) of WMA	<p>Section 95(4) of WMA</p> <p>Sets forms in accordance with WNSW operational needs and statutory requirements in consultation with DPE Water to improve consistency and efficiency.</p>	<p>Works with WNSW to improve forms to ensure consistency and efficiency and compliance with statutory requirements.</p> <p>Sets forms in accordance with operational needs and statutory requirements in consultation with WNSW and NRAR to improve consistency and efficiency.</p>		NRAR
2.1.2	<p>Approval application</p> <p>Approve form of application.</p> <p>Receive applications for approval.</p> <p>Maintain applications portal and website.</p> <p>Receive, triage and transfer inquiries.</p> <p>Undertake a pre-assessment, make recommendations.</p> <p>Refuse to accept incomplete application under section 92(6), WMA</p> <p>Section 92 of WMA</p>	<p>Conferred function for WNSW customers –sections 92(4), 92(5)(a), 92(5)(b), 92(6) WMA; cl 25(1)(a), 25(1)(b), 26(2) & (3) of WMR</p> <p>Conferred for all persons – section 92(8) of WMA</p> <p>Undertakes all ‘approval application’ tasks in relation to applications made by WNSW Customers.</p> <p>Refers complete applications to DPE Water for groundwater technical assessments (where required) unless agreed through agreed triages and/or procedures.</p> <p>Applies WSP rules, WMA requirements and relevant DPE Water policies when exercising functions.</p> <p>Maintains the NSW Water Register on the WNSW website.</p> <p>Refers DPE Water Customers that approach WNSW with an application to DPE Water</p>	<p>Delegated function</p> <p>Refers applications made to DPE Water by WNSW Customers to WNSW .</p> <p>Undertakes all ‘approval application’ tasks in relation to DPE Water Customers.</p> <p>Applies WSP rules, FMP rules (as relevant), WMA requirements and relevant DPE Water policies.</p>		<p>WNSW</p> <p>W09-01- water consents transactions</p> <p>OM75: Works and Use Approvals – applications determined within 60 days = 80%</p> <hr/> <p>DPE Water</p> <p>W09-01 - Water consents transactions</p> <p>OM75: Works and Use Approvals – applications determined within 65 days = 80%</p> <hr/> <p>NRAR</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
2.1.3	<p>Advertising, processing, assessing, dealing with objections and appeals</p> <p>Advertising, processing, assessing, advising of objections and seeking submissions under section 93 of WMA; resolving objections, including through mediation and dealing with appeals, in accordance with statutory requirements.</p> <p>Native title notifications under s24HA(7) of the <i>Native Title Act 1993</i> (Cth).</p> <p>Sections 93 and 94 of WMA</p>	<p>Conferred function for WNSW customers</p> <p>Sections 93(2), 93(3)(a), 93(3)(b), 93(4), 93(5), 93(6), 93(7), 93(8), 94(2)(a) of WMA</p> <p>Clause 26(7) of WMR</p> <p>Undertakes all 'approval application' tasks in relation to WNSW customers, including native title notification in accordance with section 24HA(7) of the <i>Native Title Act 1993</i>.</p>	<p>Delegated function</p> <p>Determines procedures specified in WMR e.g., advertising.</p> <p>Notifies WNSW of any rule changes which may require updating of their procedures, such as changes to WSP and FMP rules for assessing applications.</p> <p>Undertakes all 'approval application' tasks in relation to DPE Water Customers including native title notification in accordance with section 24HA(7) of the <i>Native Title Act 1993</i>.</p>		<p>WNSW</p> <p>W09-01 - Water consents transactions</p> <p>OM75: Works and Use Approvals – applications determined within 60 days = 80%</p>
					<p>DPE Water</p> <p>W09-01 - Water consents transactions</p> <p>OM72: Works and Use Approvals – applications determined within 65 days = 80%</p>
					NRAR
2.1.4	<p>Impact assessment</p> <p>Assess the environmental impacts to ensure that adequate arrangements will be in force to ensure that no more than minimal harm will be done to any water source as a consequence of proposed use of water or construction or use of water management work.</p> <p>Sections 96 and 97 of WMA</p>	<p>Conferred function for WNSW customers – sections 96 and 97 of WMA; clause 25(2) of WMR</p> <p>Refers applications to DPE Water for technical assessment and advice in accordance with established triage processes and procedures between the agencies.</p> <p>Considers advice provided by DPE Water when making a decision on whether to grant an application and/or what conditions the approval should be subject to.</p> <p>Informs DPE Water if it intends not to follow DPE Water's advice or recommendations with respect to advice or technical assessment.</p>	<p>Delegated function</p> <p>Undertakes impact assessment for applications under the Water Act 1912 and WMA for DPE Water Customers</p> <p>Provides groundwater advice and assessment to WNSW for applications under the <i>Water Act 1912</i> and WMA, including recommendations with respect to grant or refusal of applications and conditions to be imposed on approvals in accordance with any Service Level Agreement entered into between the parties.</p> <p>Drafts guidance on conditions to mitigate potential impacts identified during assessment.</p>		<p>WNSW</p>
					DPE Water
					<p>NRAR</p> <p>DPE DPE DPE Water</p>
2.1.5	Grant or refusal of applications		Delegated function		<p>WNSW</p> <p>W09-01 - Water consents transactions</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
	<p>Grant or refusal of applications in accordance with statutory requirements.</p> <p>Sections 95, 96, 97, 98, 99A of WMA</p>	<p>Conferred function for WNSW customers – sections 95, 96, 97, 98, 99A of WMA</p> <p>Determine an application by granting an approval (including by way of a combined approval) or by refusing to grant an approval.</p> <p>Give notice of the determination to the applicant and, where relevant, objectors.</p> <p>(Undertaking this function may be a 'future act' under the <i>Native Title Act 1993 (Cth)</i> – refer to section 24HA.)</p>	<p>Sets policy and rules regarding which applications can be made, and any restrictions (specified in the WMR and management plans).</p> <p>Determine an application by granting an approval (including by way of a combined approval) or by refusing to grant an approval for DPE Water Customers.</p> <p>Give notice of the determination to the applicant and, where relevant, objectors.</p> <p>(Undertaking this function may be a 'future act' under the <i>Native Title Act 1993 (Cth)</i> – refer to section 24HA.)</p>		<p>OM75: Works and Use Approvals – applications determined within 60 days = 80%</p> <p>DPE Water</p> <p>W09-01 - Water consents transactions</p> <p>OM72: Works and Use Approvals – applications determined within 65 days = 80%</p> <p>NRAR</p>
2.1.6	<p>Imposing and varying conditions of approvals</p> <p>The development, imposition, review and revocation of mandatory and discretionary conditions.</p> <p>For new provisions in WSPs, FMPs or the WMR requiring mandatory conditions to be imposed on approvals, draft new conditions and identify application of new conditions to approvals.</p> <p>For amendments to provisions in WSPs, FMPs or the WMR requiring mandatory conditions to be imposed on approvals, identify existing conditions which require amendment, draft amended conditions and identify application of amended conditions to approvals.</p> <p>Create instructions to apply new/amended conditions to approvals.</p> <p>Create conditions in WLS and create linkages to relevant licence categories, work types,</p>	<p>Conferred function for WNSW customers – sections 100, 101(2), 102(1), 102(3), 102(4), 103 of WMA</p> <p>Clauses 32(1), (2), (3), (4) & (8) of WMR</p> <p><u>Mandatory conditions:</u></p> <p>Provides input DPE Water on the drafting of mandatory conditions and notification materials.</p> <p>Undertakes mass notification for all persons of the conditions applied to and approvals when:</p> <ul style="list-style-type: none"> a water sharing plan or floodplain management plan commences or is amended or remade, and a change in policy or regulation requires changes to the conditions on approvals. 	<p>Delegated function</p> <p><u>Mandatory conditions:</u></p> <p>Develops mandatory conditions to give effect to rules in management plans, the WMA and the WMR.</p> <p>Reviews application of mandatory conditions at plan remake or amendment and identifies changes required to give effect to management plan rules.</p> <p>Adds or removes mandatory conditions to approvals when management plans commence or are amended or remade.</p> <p>Develops mass notification materials and provides these to WNSW.</p> <p>Adds or removes mandatory conditions required through the assessment process on approvals on request from WNSW or NRAR.</p>	<p>Delegated function</p> <p><u>Mandatory conditions:</u></p> <p>Provides input to DPE Water into the drafting of mandatory conditions and notification materials.</p> <p>Advises DPE Water and WNSW of changes needed to mandatory conditions to enable or improve enforceability.</p> <p><u>Discretionary conditions:</u></p> <p>Advises DPE Water and WNSW of changes needed to discretionary conditions to enable or improve enforceability.</p>	<p>WNSW</p> <p>W08-02 - Consents management and licence conversion -</p> <p>OM69: WSP rules are enforceable because the plan mandatory conditions are reflected on the licence.</p> <p>Performance indicator: Necessary changes to conditions are notified to the licence/approval holder within 6 months of the event requiring notification = 100%</p> <p>Applications - W09-01 - Water consents transactions</p> <p>OM72: Works and Use Approvals – applications determined within 60 days = 80%</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
	<p>water source/management zones and exceptions.</p> <p>Formal notification of approval holders</p> <p>Sections 100, 101, 101A, 102, 103 of WMA</p>	<p>Keeps accurate records of notification of conditions.</p> <p>Responds to approval holder enquiries for WNSW customers arising from mass notification of conditions.</p> <p>Requests that DPE Water applies or removes mandatory conditions required through the assessment process on approvals in relation to WNSW customers.</p> <p><u>Discretionary conditions:</u></p> <p>Applies discretionary conditions through the application assessment process on approvals for WNSW customers.</p>	<p>Responds to approval holder enquiries for DPE Water Customers arising from mass notification of conditions</p> <p><u>Discretionary conditions:</u></p> <p>Develops and approves model discretionary conditions relating to and approvals.</p> <p>Develops discretionary conditions to support rules in management plans, the WMA and WMR, where applicable and applied in bulk to licences and approvals. For example, discretionary conditions to operationalise active management rules.</p> <p>Applies discretionary conditions which apply to approvals in bulk when management plans commence or are amended or remade.</p> <p>Applies discretionary conditions through the application assessment process on approvals for DPE Water Customers.</p>		<p>DPE Water</p> <p>W08-02 - Consents management and licence conversion - OM69: WSP rules are enforceable because the plan mandatory conditions are reflected on the licence.</p> <p>Performance Measures: Rule changes are reviewed to identify whether condition changes are necessary within 3 months of the event requiring = 100%</p> <p>Applications - W09-01 - Water consents transactions</p> <p>OM75: Works and Use Approvals – applications determined within 65 days = 80%</p>
2.1.7	<p>Exemptions from requirement for water use approval or water supply work approval</p>	<p>Conferred function for WNSW customers – clauses 34(4), 39(1)(f)(ii), 39(5) of WMR</p> <p>Provides input on policy and rules regarding exemptions from approval requirements.</p> <p>Exercises functions in relation to exemptions as set out in the WMR for WNSW Customers.</p>	<p>Sets policy and rules regarding exemptions from approval requirements.</p> <p>Delegated function</p> <p>Provides advice in relation to exemptions as set out in the WMR for DPE Water Customers</p>	<p>Delegated function</p> <p>Provides input on policy and rules regarding exemptions from approval requirements.</p> <p>Receive and store exemption information and data necessary to determine compliance, and supply to DPE Water if requested</p>	<p>NRAR</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
2.1.8	<p>Water management work approvals for works to be used for floodplain harvesting (This covers water supply work approvals</p> <p><i>A Change Management Process endorsed by the Healthy Floodplains Project Implementation Group (Change Management Process) is currently underway through which floodplain harvesting corporate knowledge is being transitioned to WNSW and NRAR.</i></p>	<p>For the 5 northern valleys, assist DPE Water with issuing of statements of approval and notices of determination, as agreed with DPE Water.</p> <p>Once the work approvals are issued to landholders, WNSW will have responsibility for providing ongoing services to its customers in relation to these approvals as per tables 2.1 and 2.2. This will include applications to amend water supply works approvals with regard to floodplain harvesting across the 5 northern valleys. Floodplain harvesting approvals will be treated the same as any other type of approval. DPE Water will provide an initial period of post-implementation support to WNSW in accordance with the Change Management Process.</p>	<p>Lead the issue of water supply work approvals to be used for floodplain harvesting until these work approvals are notified.</p> <p>The work required to be undertaken prior to handover of licensing accountability to WNSW includes:</p> <ul style="list-style-type: none"> • site inspections, dealing with submissions, assessment and determination of applications, • issuing Statements of Approval and Notifications of Determination to landholders with assistance of WNSW. • establishing the rules to govern the ongoing management of water management work approvals used for floodplain harvesting in WSPs and the WMR. <p>Structures that require a flood work approval are not assessed by DPE Water and will not be included within the water supply work approval. Landholders will be required to apply for an amended water supply work approval to include that structure in that approval once a determination is made to grant a water supply work approval.</p> <p>Works on land where the landholder does not have a right of occupation will not be included in the water supply work approval. Landholder will be required to apply to WNSW for an amended approval when a right of occupation has been obtained.</p> <p>Once the work approvals are issued to landholders, DPE Water will have</p>		

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
			responsibility for providing ongoing services to its customers in relation to these approvals as per tables 2.1 and 2.2. The number of DPE Water floodplain harvesting customers is anticipated to be low (<10).		

2.2 Works and use approvals – administration

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
2.2.1	Surrender Dealing with surrendered approvals in accordance with the WMA and WMR, including: <ul style="list-style-type: none"> determining to refuse the surrender and notifying the approval holder of that determination, cancelling a surrendered approval, and transferring the surrendered approval to the Minister or to another person. Section 108 of WMA	Conferred function for WNSW customers – sections 108(1), 108(1A), 108(3) of WMA; clause 30 of WMR Undertakes all ‘surrender’ tasks in relation to WNSW customers.	Delegated function Sets policy and rules regarding surrenders. Undertakes all ‘surrender’ tasks in relation to DPE Water Customers.		WNSW
					DPE Water
					NRAR
2.2.2	Suspension and cancellation Suspend or cancel approvals. Section 109 of WMA	Conferred function for WNSW customers - 109(1)(c), 109(2A) WMA (except that the power to suspend or cancel an approval, or to amend an approval to give effect to suspension or cancellation of part of an approval, may only be exercised on the grounds that fees, charges, interest or rates imposed in respect of the approval have not been paid) Conferred for all persons – 109(1) (but only to the extent that WNSW may suspend an approval for failure to pay fees and	Delegated function Sets policy and rules regarding suspensions and cancellations, except for compliance purposes Undertakes suspension and cancellation tasks for DPE Water Customers on the basis of unpaid fees or charges	Delegated function Undertakes suspension and cancellation tasks for all persons in accordance with the NRAR Act for compliance purposes.	WNSW
					DPE Water
					NRAR

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
		<p>charges imposed by WNSW), 109(3), 109(4) WMA</p> <p>Undertakes all suspension and cancellation tasks for WNSW customers and, where the functions are conferred for all persons, for persons who are not WNSW customers.</p>			
2.2.3	<p>Amendment and extension</p> <p>Receive and determine applications for extension of approvals.</p> <p>Extend the period for which approval has effect.</p> <p>Receive and determine applications for amendment of approvals.</p> <p>Amend approvals.</p> <p>Sections 104, 105, 107 of WMA</p>	<p>Conferred function for WNSW customers – s104(4), 104(5), 105, 107(1), 107(1A), 107(6) WMA; cl 29(1), 29(2)(a) WMR.</p> <p>Undertakes all ‘amendment and extension’ tasks in relation to WNSW customers.</p>	<p>Delegated function</p> <p>Sets policy and rules regarding amendment and extension.</p> <p>Delegated function</p> <p>Undertakes all ‘amendment and extension’ tasks in relation to DPE Water Customers.</p>		<p>WNSW</p> <p>W09-01 Water consents transactions</p> <p>OM76: Approvals Extensions – applications determined within 20 days = 80%</p> <p>DPE Water</p> <p>W09-01- Water consents transactions</p> <p>OM73: Approvals Extensions – applications determined within 25 days = 80%</p> <p>NRAR</p>
2.2.5	<p>Customer transactions and service</p> <p>Name and address corrections.</p> <p>Change of holder (land events).</p> <p>Updating of approval Lot//DP information resulting from changes to land such as subdivision (land events).</p> <p>Water search (paid service).</p> <p>Customer enquiries, advice and assistance.</p> <p>Strategic customer service (improvements, benchmarking surveys).</p>	<p>Undertakes all ‘customer transactions and service’ tasks for WNSW customers.</p> <p>Refers enquires in relation to DPE Water customers to DPE Water as required.</p> <p>Conferred function—cl 248A(1) & (2), WMR</p> <p>Receive written notice of capacity of water supply work that is smaller in capacity than the work for which the person has a water supply work approval</p> <p>Approve the way in which such notice is given</p>	<p>Notifies WNSW of corrections for WNSW to make to the WLS.</p> <p>Manages all inquiries and service complaints in relation to DPE Water Customers.</p>	<p>Notifies WNSW of corrections for WNSW to make in the WLS.</p>	<p>WNSW</p> <p>W10-01- OM77: customer management</p> <p>Enquiries responded to within 24 hours = 90%</p> <p>OM75: Complaints resolved within 28 days = 90%</p> <p>Performance against ‘Skyline’ composite measure = Improvement of 2.5% per year. on 2021 level</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
	Receive notice of capacity of certain water supply works Clause 248A of WMR	<i>[included in proposed Operating Licence amendment which will confer floodplain harvesting metering functions]</i>			DPE Water W10-01 – OM74: customer management Enquiries responded to within 24 hours = 90%
					NRAR W10-01 – OM77: customer management Enquiries responded to within 24 hours = 90%
2.2.6	Managing approvals held by WAMC	Processes works and use approvals and dealing applications in accordance with tables 2.1 and 2.2.	Manages approvals held by WAMC.		

3. Entitlement conversion and implementation of water management plans

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
3.1	Situations where entitlement conversion may be required include: <ul style="list-style-type: none"> on commencement of WSPs, when proclamations are made to the effect that the WMA applies to water sources, or particular WAL categories or a new approval type; on commencement of FMPs; and, changes resulting from re-make or amendment to WSPs or FMPs. 	<p>Conferred functions for all persons (relating to Access Register): s 71(1), 71A(2), cl 19 of Sch 10, WMA</p> <p>Conferred function for WNSW customers only (relating to Access Register): s 87B, WMA</p> <p>Undertakes the data cleansing of holders of <i>Water Act 1912</i> licences prior to conversion.</p> <p>Undertakes all tasks in WLS to set up new or amended WSP or FMP.</p> <p>Notifies LRS of changes to WSP, as follows:</p>	<p>Prepares WNSW for commencement of new or amended plan, including:</p> <ul style="list-style-type: none"> notifying WNSW of changes required as result of the WSP changes, and providing list of <i>Water Act 1912</i> licences to be converted. <p>Notifies WNSW of changes to WSP to prepare LRS for commencement.</p> <p>Provides formal notification to amend WAL Register and to lodge instructions with LRS.</p>		<p>WNSW</p> <p>W08-02 Consents management and licence conversion</p> <p>OM69: WSP rules are enforceable because the plan mandatory conditions are reflected on the licence.</p> <p>Performance indicator:</p> <p>Necessary changes to conditions are notified to the licence/approval holder within 6 months of the event requiring notification = 100%</p> <p>DPE Water</p> <p>W08-02 Consents management and licence conversion</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
	<p>Data cleansing of <i>Water Act 1912</i> licences prior to conversion to a WAL under the WMA including details on Lot/DP and holders to commence ownership verification process.</p> <p>Tasks involved in converting licences are as follows:</p> <ul style="list-style-type: none"> • set up WSP/water source/management zone configuration and naming in WLS, • prepare upload files of Water Act licences for conversion, • activate WSP or FMP /water sources/management zones in WLS, • link all licences for conversion to WSP/water source/management zone, • conversion program run in WLS once WSP commences, • resolve any data issues, • WAL listed on WAL Register, • verification of licence holder/s, • confirming tenancy arrangements of licence holders, • registration of security interest/s, and • WAL certificate released. 	<ul style="list-style-type: none"> • provides instruction to LRS on changed/new WSP, water source, management zones and WSP/water source/management zone relationship for LRS database, • provides formal instruction to LRS. <p>Prepares Water Accounting System for changes.</p> <p>Converts licences to WMA approvals and WALs as applicable.</p> <p>For licences issued under the <i>Water Act 1912</i>, where a WSP commences under the WMA:</p> <ul style="list-style-type: none"> • check WAL is listed on Access Register, • verify that holders and land title owners match, • check for co-holders, • check for security interests, • release WAL certificate, and • register dealings. 	<p>Notifies WNSW of any errors in conversion and requests rectification.</p>		<p>OM69: WSP rules are enforceable because the plan mandatory conditions are reflected on the licence.</p> <p>Rule changes are reviewed to identify whether condition changes are necessary within 3 months of the event</p> <p>requiring = 100%</p> <hr/> <p>NRAR</p>
3.2	<p>Situations where implementation of water management plans (e.g., WSP, FMP) may be required include:</p> <ul style="list-style-type: none"> • on commencement of WSPs or FMP, • when proclamations are made to the effect that the WMA applies to water 	<ul style="list-style-type: none"> • Giving effect to any required establishment of new water sources/management zones, or giving effect to any changes to existing boundaries • Giving effect to any required amendments to a WAL or 	<ul style="list-style-type: none"> • Identifying any new water sources/management zones, or changes to existing boundaries • Identifying whether any WALs or approvals need to have their nominated water source or management zone amended 		

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
	<p>sources, or particular WAL categories or a new approval type;</p> <ul style="list-style-type: none"> changes resulting from re-make or amendment to WSPs or FMPs. <p>Tasks involve:</p> <ul style="list-style-type: none"> Identifying any new water sources/management zones, or changes to existing boundaries Giving effect to any required establishment of new water sources/management zones, or giving effect to any changes to existing boundaries Identifying whether any WALs or approvals need to have their nominated water source or management zone amended Giving effect to any required amendments to a WAL or approval's nominated water source or management zone Identifying WLS changes or enhancements required to enable new or amended rules to be implemented (e.g., individual daily extraction limits) WLS changes or enhancements to enable new or amended rules to be implemented (e.g., IDECs) Identifying other system changes or enhancements required to enable new or amended rules to be implemented (e.g., water allocation debit and accounting rules) Other system changes or enhancements to enable new or amended rules to be implemented (e.g., water allocation debit and accounting rules) Giving effect to mandatory conditions required to implement any new or amended rules in the water management plan 	<p>approval's nominated water source or management zone</p> <ul style="list-style-type: none"> WLS changes or enhancements to enable new or amended rules to be implemented (e.g., IDECs) Other system changes or enhancements to enable new or amended rules to be implemented (e.g., water allocation debit and accounting rules) Giving effect to mandatory conditions required to implement any new or amended rules in the water management plan (refer to 1.1.6) 	<ul style="list-style-type: none"> Identifying WLS changes or enhancements required to enable new or amended rules to be implemented (e.g., IDECs) Identifying other system changes or enhancements required to enable new or amended rules to be implemented (e.g., water allocation debit and accounting rules) Giving effect to mandatory conditions required to implement any new or amended rules in the water management plan (refer to 1.1.6) 		

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART

4. Other licences and approvals

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
4.1	<p>Drillers licences and Form A (bore construction forms)</p> <p>Issue of drillers licences under section 118A of the <i>Water Act 1912</i>.</p> <p>Input of "Form A" submitted by drillers into Hydstra GW.</p> <p>Section 118A of <i>Water Act 1912</i></p>	<p>Conferred function for WNSW customers – section 118A <i>Water Act 1912</i></p> <p>Undertakes all 'drillers licences and Form A' tasks.</p> <p>Updates the forms and data collection processes in line with requirements agreed between WNSW and from DPE Water</p> <p>Ensures all data required DPE Water is captured in the Form A and licensing information.</p> <p>Updates processes to implement changes in policy and legislation.</p> <p>Once drillers portal is fully operational, enters 100% of Form As into the database within 2 weeks of receipt.</p>	<p>Delegated function</p> <p>Provides advice/support to WNSW on technical matters related to capture of the driller's information.</p> <p>Audits WNSW data capture.</p> <p>Alerts NRAR of potential licence breaches.</p> <p>Supports WNSW technically on policy changes.</p> <p>Liaises with WNSW on the requirements of, and communications with, the drillers association.</p>	<p>Enforce compliance under section 118A of <i>Water Act</i>, noting that NRAR does not appear to have administrative exercise over issuing demands for information, issuing and cancelling licences</p>	<p>WNSW</p> <p>DPE Water</p> <p>NRAR</p>
4.2	<p>Notification by WAMC that water from artesian well no longer available and charges under Part 5 of <i>Water Act 1912</i> no longer payable</p> <p>Section 122A of <i>Water Act 1912</i></p>	<p>Conferred function for WNSW customers – s.122A <i>Water Act 1912</i></p>	<p>Delegated function</p>		
4.3	<p>Part 8 controlled work (repealed <i>Water Act 1912</i> (NSW) provision)</p> <p>Assessing applications for non-converted approvals</p>	<p>Supports and assists DPE Water where required and agreed.</p>	<p>Delegated function</p> <p>Undertakes all 'Part 8' tasks for all persons</p>		

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
			Upon request provides Part 8 application documentation to WNSW when WNSW receives an application to amend a flood work approval that was converted from a Part 8 approval.		
4.4	Group licences under the Water Act 1912	<p>Conferred functions for all persons – ss 20K, 20L, 20M, 20N, 20Q, 20S, 20T, 20U Water Act 1912</p> <p><i>There are no group licences remaining under the Water Act 1912.</i></p>	<p>Delegated function</p> <p>N/A</p>	N/A	
4.5	<p>Controlled activity approvals</p> <p>Applications, determinations, imposition of condition, amendment, extension and all related statutory and administrative functions and tasks.</p> <p>Sections 91-109 of WMA</p>	N/A	<p>Delegated function</p> <p>Sets policy and rules regarding controlled activities.</p> <p>Delegated function</p> <p>Undertakes all controlled activity approvals tasks, including:</p> <ul style="list-style-type: none"> • receive applications, • assess whether application valid and • assess application against statutory requirements. • Complete impact assessment <p>Assesses and determines applications within 45 days of receipt of application.</p> <p>Notifies applicant via e-portal.</p>		DPE Water

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence. In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
4.6	<p>Integrated development assessments under <i>Environmental Planning and Assessment Act 1979</i></p> <p>Assessing integrated development referrals and providing or refusing to provide general terms of approval, in respect of water use approvals, water management work approvals and controlled activity approvals.</p> <p><i>Environmental Planning and Assessment Act 1979, Division 4.8</i></p>	<p>Receives integrated development applications for WNSW Customers in respect of water use approvals and water management work approvals, including the following steps:</p> <ul style="list-style-type: none"> • application received from Council via Planning portal email received to the Region inbox, • payments are receipted, • check application is complete and valid, • transfer documents from Planning Portal to WLS. <p>Assesses and determines applications, including the following steps:</p> <ul style="list-style-type: none"> • desktop assessment (e.g., water management principles, mapping of coordinates, water sharing plan rules, AIHMs, minimal harm, etc.), • make hydrogeological assessment referral through WAMS where required (note triage process agreed with DPEDPE Water), • native title notification, • determine application. <p>Notifies, as follows:</p> <ul style="list-style-type: none"> • notify council of decision, • where general terms of approval are provided, provide those terms from suite agreed with DPE Water. <p>Updates WLS in accordance with decision.</p>	<p>Receives integrated development referrals in respect of controlled activity approvals, including the following steps:</p> <ul style="list-style-type: none"> • receive referral, • assess whether the referral is valid, • assess referral against statutory requirements. • Completes impact assessment <p>Assesses and determines applications within 40 days of receipt of application.</p> <p>Notifies council (via e-planning portal).</p> <p>Updates WLS.</p> <p>Receives request for technical support from WNSW via WAMS for groundwater or via email for surface water/Planning.</p> <p>Provides advice on minimum harm and on licensing volume requirements associated with integrated developments applications, including:</p> <ul style="list-style-type: none"> • technical support for consistency in applying relevant legislation and policy, • assessment on the localised and overall impact to hydrology and water dependent ecosystems on confirming groundwater (and surface water induced) licensing volumes requirements, • providing response to WNSW. 		WNSW
					DPE Water
					NRAR
					<p>Current KPIs</p> <p>IDAS assessment complete and notified within 40 days (not an IPART KPI)</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
			<p>Receives integrated development applications for DPE Water Customers in respect of water use approvals and water management work approvals, including the following steps:</p> <ul style="list-style-type: none"> • applications received via Planning portal email received to the Region inbox, • payments are receipted • check application is complete and valid • transfer documents from Planning portal to WLS <p>Assesses and determined applications including the following steps.</p> <ul style="list-style-type: none"> • desktop assessment (e.g. water management principles, mapping of coordinates, water sharing plan rules, AIHMS, minimal harm etc) • native title notification • determine application <p>Notifies, as follows:</p> <ul style="list-style-type: none"> • notify Council of decision <p>Updates WLS in accordance with decision</p>		
4.7	State significant development / State significant infrastructure - pre-approval				
4.7.1	<p>Secretary's environmental assessment requirements (SEARS)</p> <p><i>Environmental Planning and Assessment Act 1979, Division 4.7 (State significant development) and Division 5.2 (State significant infrastructure)</i></p>		<p>Receives and responds to requests for Secretary's environmental assessment requirements, including the following tasks:</p> <ul style="list-style-type: none"> • receive referral, • register/lodge in CM9 & Tracking sheet • specify WMA requirements to be addressed in Environmental Impact Assessments • provide response 		<p>DPE Water</p> <hr/> <p>NRAR</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
4.7.2	Review environmental impact assessments (EIS)	If a proposal is in a water catchment, WNSW to assess impact on water supply catchment area and make a formal submission, where required	<p>Reviews EIS, including providing advice on:</p> <ul style="list-style-type: none"> consistency with relevant Acts/policy, localised and overall impact to hydrology and water dependent ecosystems, consistency with WSP rules, suitability of water models, draw down, impact of aquifer interference against Aquifer Interference Policy and controlled activity guidelines. Assessment on the localised and overall impact to hydrology and water dependent ecosystems and, assessment of suitability against management plans etc recommend conditions or request further information pre-approval consultation / liaison provides response 		<p>DPE Water</p> <p>Response provided within 20 business days (not an IPART KPI)</p>
4.7.3	Respond to submissions	If, as part of the Response to the Submissions Report, the proponent amends the EIS, WNSW may make a public submission where the proposal has an impact on a water supply catchment area.	<p>Receive and respond to requests to review Responses to Submissions.</p> <p>Check that the Response to Submissions addresses issues identified at EIS stage</p> <p>Provide response to DPE P&A</p>		<p>DPE Water</p> <p>NRAR</p>
4.7.4	Draft conditions	Review draft conditions prepared by DPE P&A, on request.	Review draft conditions.		

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
4.7.5	Assist Independent Planning Commission (IPC)	Attend meeting with IPC and DPE P&A staff to discuss planning application and assessment matters, on request	Attend meeting with IPC and DPE P&A staff to discuss planning application and assessment matters, on request.		
4.8	State significant development / State significant infrastructure - post -approval.	If proposal is in a water catchment, assess impact on water supply catchment area.	<p>Receive submissions via Major Projects Portal</p> <p>Undertake review and assessment against water management concerns, including licensing and approvals</p> <p>If required, coordinate any combined meetings, input or advice.</p> <p>Lead the development of any guidelines or procedures relating to post-approval consultation.</p> <p>Submit advice via Major Projects Portal</p>	DPEDPE Water.	WNSW
					DPE Water
					NRAR
4.9	Designated development				
4.9.1	<p>Secretary's environmental assessment requirements (SEARs)</p> <p><i>Environmental Planning and Assessment Act 1979, Division 4.3</i></p>		<p>Receives and responds to requests for Secretary's environmental assessment requirements, including the following tasks:</p> <ul style="list-style-type: none"> • receive referral • register/lodge in CM9 & Tracking Sheet • specify WMA requirements to be addressed in EIS • provide response 		NRAR
4.9.2	Review environmental impact assessments (EIS)	If proposal is in a water catchment, WNSW to assess impact on water supply			WNSW

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
		catchment area and make a formal submission where required.	<p>DPE Water reviews EIS including providing advice on:</p> <ul style="list-style-type: none"> consistency with relevant Acts/policy, localised and overall impact to hydrology and water dependent ecosystems. consistency with WSP rules, suitability of water models, draw down, impact of aquifer interference against Aquifer Interference Policy and controlled activity guidelines, assessment on the localised and overall impact hydrology and water dependent ecosystems, assessment of suitability against management plans etc recommend conditions or request further information pre-approval consultation / liaison provides response 		<p>DPE Water</p> <p>Current KPI – Response provided in 45 days (not IPART KPI)</p> <p>NRAR</p>
4.10	<p>Planning advice and review environmental factors</p> <p><i>Environmental Planning and Assessment Act 1979, Part 5</i></p>	Provides planning advice if development is in, under or near water catchment area.	<p>Planning advice – review proposal against relevant Acts/policy and WSP rules.</p> <p>Provide advice</p>	.	<p>WNSW</p> <p>DPE Water</p> <p>NRAR</p>

5. Metering and water take measurement

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
5.1	<p>Metering and other forms of water take measurement (other than floodplain harvesting)</p> <p>Developing metering related rules and policy settings.</p> <p>Implementing metering related rules and policy settings</p> <p>Administering metering related rules, including:</p> <ul style="list-style-type: none"> install, test & remove metering equipment (function of WAMC): s 372A(1) WMA, maintain, repair, modify, replace & operate metering equipment in circumstances described in cl 258 of WMR (function of WAMC): s 372A(2) WMA, approve the manner and notification of an approved manner on a publicly available website maintained by Water NSW for manner approved under clause listed in Table A.12 of Operating Licence: cl 3(1), WMR, receive notice that metering equipment is faulty and approve the form and manner in which that notice is to be given: cl 241, WMR, direct person to record information when taking water while metering equipment faulty: cl 242(2), WMR, approve form and manner for such information: cl 242(3), WMR, direct person to use alternative means to determine quantity of water taken; approve form and manner of recording such information: cl 242(4), WMR, receive copy of records required under cl 242; approve manner in which records to be provided: cl 242(5), WMR, receive notification that metering equipment cannot be repaired within prescribed period; receive applications for extension; approve form & manner of notification: cl 243(3), WMR, determine whether extension for repairs should be given; give notice accordingly: cl 243(5), WMR, receive information about repairs to metering equipment; approve form and manner of such information: cl 243(7), WMR, approve form and manner of record referred to in cl 244(2)(a): cl 244(2)(a), WMR, 	<p>Conferred functions:</p> <p>(a) For all customers -</p> <p>ss 372A(1), 372A(2) WMA</p> <p>cll 3(1), 241, 242(2), 242(3), 242(4), 242(5), 243(3), 243(5), 243(7), 244(2)(a), 244(2)(b), 244(2B), 244A(2), 244A(34), 250(2A)(b), 250(2B), 250(2C), Sch 8, cl 8(3), Sch 8, cl 8(4)(b), Sch 8, cl 9(2)(b), Sch 8, cl 9(5), Sch 8, cl 9(6)(b) WMR</p> <p>ss 20AC and 117D, Water Act 1912</p> <p>(b) For WNSW customers only –</p> <p>s 326(1) WMA, s 20AE Water Act 1912</p> <p>Determines water take, by reading meters, using surrogates or relying on allocations; manages data; determines take for all NSW water users.</p> <p>Uses meter information and water take data to update accounts.</p> <p>Provides water take data for the purposes of DPE Water's regulatory and resource management function. Obligations and requirements in relation to the provision of that data will be documented in a Services Schedule.</p> <p>Receives and provides access to metering-related information from water users and duly qualified persons, including:</p> <ul style="list-style-type: none"> operating systems that allow water users, or their agents, to submit documentation that demonstrates they are compliant with the non-urban metering, operating systems that allow duly qualified persons, such as meter installers, to register telemetry devices against works approvals information, 	<p>Delegated function</p> <p>Stewards the policy settings for non-urban metering</p> <p>Oversees and coordinates implementation and continuous improvement of non-urban metering</p> <p>Sets standards and outputs (including policies) for water take measurement.</p> <p>Utilises the water take measurement data for surface and groundwater for effective management of water resources of NSW including, but not limited to, reporting usage against the national water accounts under section 71 of the <i>Water Act 2007</i> (Cth).</p> <p>Leads engagement with 'water users' and suppliers of metering goods and services on policy settings and implementation.</p> <p>Stewards market engagement framework for suppliers of telemetry and metering goods and services.</p> <p>Manages and reports against external metering-related commitments and agreements, such as the Murray Darling Basin Compliance Compact.</p> <p>Deals with requests for Ministerial exemptions under the non-urban metering and floodplain harvesting measurement rules.</p> <p>Applies and manages mandatory conditions to give effect to statutory rules relating to metering.</p>	<p>Delegated function</p> <p>Makes directions to install, replace, use & maintain metering equipment for all water users, under s 326(1) of the WMA.</p>	<p>WNSW</p> <p>W03-01 – Water take data collection The electronic and manual collection, transmission and initial recording of water take data from licence holders for unregulated and groundwater sources; and the operation and maintenance of government owned meter and telemetry facilities.</p> <p>Output measures and performance indicators</p> <p>To be confirmed following review of metering strategy.</p> <p>W03-02 Water take data management and reporting (The data management and reporting of water take for unregulated and groundwater sources including compilation, secure storage, management and publishing of data to authorised parties.)</p> <p>Output measures and performance indicators</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
	<ul style="list-style-type: none"> approve form and manner of record referred to in cl 244(2)(b): cl 244(2)(b), WMR, approve form and manner of giving record under cl 244(2)(a) & receive such record: cl 244(2B), WMR, receive report from holder of authority as described in cl 244A(2): cl 244A(2), WMR, approve form and manner of report described in cl 244A(2): cl 244A(34), WMR, approve form and manner of record made under cl 250: cl 250(2A)(b), WMR, approve form and manner of record made under cl 250(1)(a), (b) or (c) and receive such record: cl 250(2B), WMR, approve form and manner of record referred to in cl 250(2C) and receive such record: cl 250(2C), WMR, receive a report from a person who intends to rely on clause 8 of Schedule 8 setting out the steps taken in relation to the metering equipment: Sch 8, cl 8(3), WMR, approve the form and manner of a report referred to in clause 8(3) of Schedule 8: Sch 8, cl 8(4)(b), WMR, receive written certification as to the matter set out in clause 9(2)(b): Sch 8, cl 9(2)(b), WMR, receive a report from a person who intends to rely on clause 9 of Schedule 8, setting out the steps taken in relation to the metering equipment: Sch 8, cl 9(5), WMR, approve the form and manner of a report referred to in clause 9(5) of Schedule 8: Sch 8, cl 9(6)(b), WMR, approve taking of water when work not connected to meter or measuring device; approve a water meter or other measuring device; consent to interference with a meter or measuring device: s 20AC, <i>Water Act 1912</i>, provide consent for interfering with metering device, authorise persons to enter land and dismantle for inspection metering devices for the purpose of ascertaining whether an offence has been committed: s 117D, <i>Water Act 1912</i>, make directions to install, replace, use & maintain metering equipment: s 326(1) WMA, 	<ul style="list-style-type: none"> downloading data from metering equipment without telemetry, operating a telemetry data acquisition system that receives water take information from water users with telemetry devices, operating a system that allows water users without telemetry to manual report their water take, using meter information and water take data to update accounts, providing access to the data and services relating to the NSW non-urban water metering framework to DPE Water and NRAR, receiving notifications of faulty meters and (for water users who are subject to manual reporting requirements) intentions not to take water for a given period, dealing with requests to tag works as inactive or de-link them from access licences (to bring them within an exemption under the metering rules). <p>Assesses new telemetry and data logging against technical standards, in line with NSW's market engagement policy for metering and floodplain harvesting measurement equipment.</p> <p>Identifies and provides input to DPE Water on existing and emerging technical, operational and policy issues relating to metering.</p> <p>Leads 'customer' focused metering related communications, including bulk mail outs of updated licence conditions and information about metering and measurement reforms.</p>			<p>To be confirmed following review of metering strategy.</p> <p>DPE Water</p> <p>NRAR</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
	<ul style="list-style-type: none"> authorise persons to enter on any land and dismantle for inspection a water meter or other measuring device that is on the land and is connected to a work constructed or used for taking water from a water source which is subject to a volumetric water allocation scheme (function of WAMC): s 20AE, <i>Water Act 1912</i>. <p>Utilising metering related information.</p>				
5.2	<p><i>[Proposed conferral of function under cl 238V subject to consultation with WNSW and conferral of all functions below subject to Minister's approval and amendment of Operating Licence.]</i></p> <p>Metering and other forms of water take measurement (floodplain harvesting)</p> <p>Developing metering related rules and policy settings.</p> <p>Implementing metering related rules and policy settings .</p> <p>Administering metering related rules, including:</p> <ul style="list-style-type: none"> approve a device or type of device as a secondary metering device and give notice of that approval on the Department's website: cl 228, WMR [D] specify standards for the validation of secondary metering devices by duly qualified persons: cl 228, WMR [D] approve storage metering equipment standards: cl 228, WMR [D] approve survey benchmark standard: cl 228, WMR [D] receive notification that point-of-intake metering equipment or storage metering equipment for an approved work is faulty and approve form for that notification: cl 238D, WMR [W] receive notification of each measurement period for an approved work and approve the form for that notification: cl 238E, WMR [W] approve the form for recording the amount of water captured and stored using the approved works throughout the measurement period and added to the approved works taken under an access licence referred to in cl 238F(1)(b): cl 238G(1), WMR [W] 	<p>Conferred functions (for all customers)</p> <p>CII 238D, 238E, 238G(1), 238G(2), 238H(3), 238H(5), 238H(7), 238L(2), 238L(3), 238L(4)(a), 238P(1)(a), 238Q(b), 238R(c), 238S(2), 238T(3), 238V(2)(c), 238V(3)</p> <p><i>[further text to be added]</i></p> <p><i>Develop and implement documentation and systems that enable the implementation of Cl 238V</i></p> <p><i>(Below Extract adapted from 5.1 metering and other forms of water take)</i></p> <p>Determines floodplain harvesting water take, by reading meters, using surrogates or relying on allocations; manages data; determines take for all NSW water users.</p> <p>Uses meter information and water take data to update accounts.</p> <p>Provides water take data for the purposes of DPE Water's regulatory and resource management function. Obligations and requirements in relation to the provision of that data will be documented in a Services Schedule.</p> <p>Receives and provides access to metering-related information from water users and duly qualified persons, including:</p> <ul style="list-style-type: none"> operating systems that allow water users, or their agents, to submit documentation that demonstrates they 	<p>Delegated functions</p> <p><i>[further text to be added]</i></p> <p>Stewards the policy settings for non-urban metering</p> <p>Oversees and coordinates implementation and continuous improvement of non-urban metering</p> <p>Sets standards and outputs (including policies) for water take measurement.</p> <p>Utilises the water take measurement data for surface and groundwater for effective management of water resources of NSW including, but not limited to, reporting usage against the national water accounts under section 71 of the <i>Water Act 2007</i> (Cth).</p> <p>Leads engagement with 'water users' and suppliers of metering goods and services on policy settings and implementation.</p> <p>Stewards market engagement framework for suppliers of telemetry and metering goods and services.</p> <p>Manages and reports against external metering-related commitments and agreements, such as the Murray Darling Basin Compliance Compact.</p> <p>Deals with requests for Ministerial exemptions under the non-urban</p>	<p>Delegated function</p> <p>Makes directions to install, replace, use & maintain metering equipment for all water users, under s 326(1) of the WMA.</p> <p>Undertakes activities to determine compliance with water users license conditions and approvals relating to flood plain water take to the extent permitted by delegated functions</p>	

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
	<ul style="list-style-type: none"> • receive copy of records kept under cl 238G(1) and approve the form for providing the copy of those records: cl 238G(2), WMR [W] • receive notification that equipment cannot be repaired with the period specified in cl 238H(2)(a); receive application for an extension to the period in which repairs are to be carried out; and approve the form for such a notification and application: cl 238H(3), WMR [W] • by written notice to the approval holder, extend the repair period by a specified period: cl 238H(5), WMR [W] • receive the information set out in cl 238H(7) relating to faulty metering equipment and approve the form for giving that information: cl 238H(7), WMR [W] • by notice published in the Gazette, approve a person or class of persons to install or validate a survey benchmark: cl 238K(5) [D] • adopt a storage curve for a nominated work: cl 238L(1), WMR [W] • receive notification of inaccurate storage curve where approval holder becomes aware that adopted storage curve is inaccurate and receive revised storage curve: cl 238L(2), WMR [W] • receive revised storage curve where approval holder submits revised storage curve: cl 238L(3), WMR [W] • approve form for submitting revised storage curve: cl 238L(4)(a), WMR [W] • give notice that a revised storage curve will not be adopted to the approval holder for the work: cl 238L(5), WMR [W] • give notice of the adoption of a revised storage curve to the approval holder for the work: cl 238L(7), WMR [W] • approve storage curve standards: cl 238L(9), WMR [D] • approve form for certificates referred to in clauses 238M-238O: cl 238P(1)(a), WMR [W] • receive records of last available meter reading before metering equipment became faulty and first available reading of secondary metering device: cl 238Q(b), WMR [W] 	<p>are compliant with flood plain metering rules</p> <ul style="list-style-type: none"> • operating systems that allow duly qualified persons, such as meter installers, to register telemetry devices against works approvals information, (cl238G(1) and cl 238D) • downloading data from metering equipment with non working telemetry, • operating a telemetry data acquisition system that receives water take information from water users with telemetry devices, • operating a system that allows water users without telemetry to manually report their water take, • using meter information and water take data to update accounts, • providing access to the data and services relating to the NSW non-urban water metering framework to DPE Water and NRAR, • receiving notifications of faulty meters and (for water users who are subject to manual reporting requirements) intentions not to take water for a given period,(cl238d) • Receives revised storage curve where approval holder submits revised curve • dealing with requests to tag works as inactive or de-link them from access licences (to bring them within an exemption under the metering rules). <p>Assesses new telemetry and data logging against technical standards, in line with NSW's market engagement policy for metering and floodplain harvesting measurement equipment.</p> <p>Identifies and provides input to DPE Water on existing and emerging technical, operational and policy issues relating to metering.</p>	<p>metering and floodplain harvesting measurement rules.</p> <p>Applies and manages mandatory conditions to give effect to statutory rules relating to metering.</p> <p>Develops metering policy</p>		

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
	<ul style="list-style-type: none"> • receive records required under cl 238R and approve the form for such records: cl 238R(c), WMR [W] • receive copies of certificates referred to in cl 238S(1)(a): cl 238S(2), WMR [W] • receive report in relation to matters set out in cl 238T(3) and approve the form for such records: cl 238T(3), WMR [W] • receive notification of dates measurement period began and ended and readings taken under cl 238V(2)(b): cl 238V(2)(c), WMR [W] • approve form for notification under cl 238V(2)(c): cl 238V(3), WMR [W] 	<p>Leads 'customer' focused metering related communications, including bulk mail outs of updated licence conditions and information about metering and measurement reforms.</p>			
5.3	<p>Management of State-owned meters</p>	<p>Ensures State-owned meters meet the relevant standards under the non-urban metering rules.</p>	<p>Sets standards for state-owned meters under the non-urban metering rules.</p>		<p>WNSW</p> <p>W03-01 – Water take data collection The electronic and manual collection, transmission and initial recording of water take data from licence holders for unregulated and groundwater sources; and the operation and maintenance of government owned meter and telemetry facilities.</p> <p>Output measures and performance indicators</p> <p>To be confirmed following review of metering strategy.</p> <p>W03-02 Water take data management and reporting (The data management and reporting of water take</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
					<p>for unregulated and groundwater sources including compilation, secure storage, management and publishing of data to authorised parties.)</p> <p>Output measures and performance indicators</p> <p>To be confirmed following review of metering strategy.</p>
					DPE Water
					NRAR
5.4	<p>By order published in the NSW Government Gazette, approve a gauge of a type or design, as an approved river gauge, for the purpose of measuring the level or flow of water in a river or lake</p> <p>Section 367(5) of WMA</p>	<p>Conferred function (not limited to WNSW customers) – s 367(5), WMA</p>	<p>Delegated function</p>		

6. Water monitoring and modelling

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
	<p>Construct, maintain and operate water management works, gauging stations and other</p>	<p>Conferred function for all persons - 372(1)(a),(a1), (b) and (c)</p>	<p>Delegated function</p>	<p>Uses WNSW and DPE Water supplied hydrometric and other data (flows, levels, capacities,</p>	<p>WNSW</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
6.1	<p>monitoring equipment, conduct research, collect information and develop technology in relation to water management</p> <p>(Function of WAMC)</p> <p>s 372(1) WMA</p>		<p>Design the program of monitoring to answer the operational questions posed by the Government direction or the longer term agreed strategic direction.</p> <p>Report on the outcomes either through model runs, scientific interpretation or evaluation programs to inform plans policy and strategy in an effort to manage the water resources for the State.</p> <p>Undertaking projects to reduce erosion and salinity effects and restore riverbank stability.</p>	volumes) but does not participate in the operation or management of these networks	<p>DPE Water</p> <p>W07-01 Water management works - the undertaking of water management works to reduce the impacts arising from water use or remediate water courses</p> <p>Output measure (OM67) Length of river remediated Output = 12km</p> <p>Performance indicators High priority areas of erosion identified and remediated = 90% Channel capacity at Tumut = >=9,200 ML/day</p> <p>Output measure (OM68) Rolling three-year average of salt diverted from the Murray River system = >50,000 t/year</p> <p>Performance indicator Maintain net credit (EC) balance for NSW on the BSM2030 Salinity Register = >20 EC</p> <p>NRAR</p>
6.2	<p>Water quality monitoring (Surface water and groundwater)</p>	<p>Conferred function for all persons - 372(1)(a),(a1), (b) and (c) of WMA</p> <p>Operates and maintains monitoring networks for the benefit of the State of NSW, NSW government agencies, Commonwealth government agencies, the public and the environment.</p> <p>Maintains water monitoring assets and collects water quality data.</p> <p>Provides infield water quality monitoring and data for the purposes of:</p> <ul style="list-style-type: none"> • water users' and the general public's benefit, • its own functions, • DPE Water' regulatory and water resource management function. Obligations and requirements in relation to the provision of that data will be documented in one or more Services Schedules. <p>Responds to water quality monitoring and sampling requests from DPE Water other Government agencies or third parties to support specific (non-</p>	<p>Delegated function</p> <p>Develops a State-wide water quality management framework for all of the NSW Government.</p> <p>Sets monitoring requirements and quality standards for the evaluation and reporting of WSP and water resource plan outcomes and for the evaluation of flow events.</p> <p>Provides:</p> <ul style="list-style-type: none"> • strategic advice on water quality, • technical guidance on groundwater data to WNSW, • strategic direction on water quality management and planning in NSW, • reports on monitoring and evaluation of water quality, • feedback on event management and other flow management episodes, 	<p>Under the NRAR Act, NRAR has no direct responsibilities regarding water quality monitoring or enforcement.</p> <p>However, NRAR may require access to water quality data and associated records relevant to an ongoing investigation. This is because it may be the case that water quality data provides supporting context for hydrometric data or can be used to infer activity or behaviours or describe harm of an offence.</p>	<p>WNSW</p> <p>W01-03 - Surface water quality monitoring</p> <p>The provision of a surface water quality monitoring program; including design, sample collection, laboratory testing and analysis, test result quality assurance to accepted standards, and test result encoding to make it available for data management and reporting.</p> <p>Note: WNSW revised description at page 178 of submission</p> <p>Output measure (OM3)</p> <ul style="list-style-type: none"> • Number of sites visited per year to collect water quality samples: Forecast = 125 <p>Output measure (OM4)</p> <ul style="list-style-type: none"> • Number of tests undertaken per year: Forecast = 26,750 <p>Performance indicator</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
		<p>routine) water resource management requirements across NSW, including providing water quality data and additional water quality sampling. Where the parties agree and the services are not already funded by the WAMC Price Determination Funding, WNSW may charge for those services. Obligations and requirements in relation to such services will be documented in one or more Services Schedules.</p> <p>Specialist water quality functions and responsibilities in Greater Sydney under the <i>Water NSW Act 2014</i>.</p> <p>Provides groundwater monitoring for the following purposes:</p> <ul style="list-style-type: none"> • routine, groundwater level or pressure monitoring for general network and program specific network, • routine groundwater quality monitoring for general network and program specific network, • routine groundwater take monitoring for setting the available groundwater determinations on 1 July of each water year, • event, emergency, incident and one-off monitoring for any of the above services, • groundwater monitoring data management, quality control, validation and distribution, and • groundwater assets management. <p>Manages:</p> <ul style="list-style-type: none"> • its surface water monitoring networks, • surface water quality monitoring programs, • groundwater quality network assets including maintenance, and • the collection and archiving of surface and groundwater quality data. <p>Advises DPE Water of material changes to the monitoring networks.</p> <p>Consults with DPE Water on any decision to close relevant assets.</p>	<ul style="list-style-type: none"> • options analysis for fit-for-purpose use of the water resource. (Salinity, nutrient status, etc), • assessment of risks to water quality in order to set appropriate water plan objectives, • assessment of the success of meeting the objectives of WSPs and water resource plans, • advice to inform actions under the NSW Extreme Events Policy and the Incident Response Guides, support on specific programs such as the salinity Joint Venture Programs with the Murray Darling Basin Authority (e.g. salt interception schemes) or the GABSI program with the Commonwealth, and • assessment and management of the saltwater interface on coastal areas, aquifer contamination, urban groundwater flow management (dewatering, mounding). <p>Builds the resource knowledge on the State's groundwater resources and its evolution over time (quantity, quality, aquifer characteristics) to inform local impact management areas, review impacts from mining developments, water bottling applications or to inform long term planning for drought and rising sea levels.</p> <p>Sets standards and outputs for:</p> <ul style="list-style-type: none"> • water quality monitoring and sampling, and • water quality information capture and storage. <p>Obligations and requirements in relation to those standards and outputs will be documented in one or more Services Schedules.</p>		<ul style="list-style-type: none"> • % Compliance against monitoring program requirements = 98% <p>W01-02 - Surface water data management and reporting</p> <p>The data management and reporting of surface water quantity, quality and biological information; including compilation, secure storage, management and publishing of data to customers, stakeholders and the general public. Note: WNSW revised description at page 178 of submission</p> <p>Output measure (OM2)</p> <ul style="list-style-type: none"> • Number of sites subject to data management: Forecast = 437 <p>Performance indicator</p> <p>% of sites where data is available within three hours = 90%</p> <p>W01-02 - Surface water data management and reporting (see above)</p> <p>W02-02 - Groundwater quality monitoring</p> <p>The provision of a groundwater quality monitoring program; including design, sample collection, laboratory testing and analysis, test result quality assurance to accepted standards, and test result encoding to make it available for data management and reporting.</p> <p>Output measure (OM16)</p> <ul style="list-style-type: none"> • Number of sites visited per year to collect water quality samples: Forecast = 163 (excludes coal seam gas monitoring sites) <p>Output measure (OM17)</p> <ul style="list-style-type: none"> • Number of samples undertaken per year: Forecast = 360 (excludes coal seam gas monitoring sites) <p>Performance indicator</p> <ul style="list-style-type: none"> • % Compliance against monitoring program requirements = 98%

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
		<p>Provides data quality processing. Obligations and requirements in relation to the provision of that data will be documented in one or more Services Schedules.</p> <p>Develops technical procedures in line with Industry Standards or as approved by DPE Water to carry out the data quality acquisition programs and the data management.</p> <p>Ensures that the outputs of the surface and groundwater monitoring networks meet the requirements of DPE Water's water quality regulatory and water resource management function. Obligations and requirements in relation to those outputs will be documented in one or more Services Schedules.</p> <p>Provides DPE Water with access to water quality monitoring data in accordance with the Agreement and any relevant data sharing agreement that is entered into following the date on which the Agreement commences.</p> <p>Makes water quality monitoring available to DPE Water and NRAR free of charge, where WNSW receives funding through IPART pricing determinations to collect that data.</p> <p>In circumstances where WNSW collects water quality monitoring data using funding provided by a third party and provided always that all relevant third parties have authorised WNSW to give DPE Water and NRAR access to that data, it will make that data accessible to DPE Water and NRAR free of charge.</p> <p>Manages and maintains the water quality databases (such as Hydstra and a database previously known as Kiwqm as of June 2021, noting these may change over time) for the storage and archiving of water quality data collected by WNSW.</p> <p>Provides DPE Water with free and unfettered access to those databases.</p> <p>Manages:</p> <ul style="list-style-type: none"> access to monitoring infrastructure by third parties, 			<p>W02-03 - Groundwater data management and reporting</p> <p>The data management and reporting of groundwater quantity and quality information; including compilation, secure storage, management and publishing of data to customers, stakeholders and the general public</p> <p>Output measure (OM18)</p> <ul style="list-style-type: none"> Number of sites subject to data management: Forecast = 4,384 (excludes coal seam gas monitoring sites) <p>Performance indicator</p> <ul style="list-style-type: none"> % of sites where data is available daily = 90%
					<p>DPE Water</p> <p>W01-05 Surface water ecological condition monitoring</p> <p>The provision of a surface water ecological condition monitoring system to assess the health of water sources; including design and application based on the River Condition Index for rivers, flood plains and wetlands.</p> <p>Output measure (OM6) Update of River Styles database undertaken to support WSP development. Measure by number of plans: Output = 50%</p> <p>Performance indicator Update of River Styles completed in time for WSP evaluation = 100%</p> <p>Output measure (OM7) Update of RCI undertaken to support WSP development. Measure by number of plans: Output = 50%</p> <p>Performance indicator Update of RCI completed in time for WSP evaluation = 100%</p> <p>Output measure (OM8) Update of WaQI undertaken to support WSP development. Measure by number of plans: Output = 50%</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
		<ul style="list-style-type: none"> asset register, for which all data including equipment specifications is available to DPE Water, and data collected from the public monitoring network from third parties. <p>Delivers water monitoring information to the Bureau of Meteorology as per the requirements of the <i>Water Act 2007</i> (Cth) and works to ensure efficient processes.</p> <p>Reports to DPE Water on monitoring activities. Obligations and requirements in relation to such reporting will be documented in one or more Services Schedules.</p> <p>Unless otherwise specified, these functions are to be carried out to an applicable Australian or industry standard.</p>			<p>Performance indicator Update of WaQI completed in time for WSP evaluation = 100%</p> <p>Output measure (OM9) Coverage of river and groundwater HEVAE extended to coastal WSP areas</p> <p>Performance indicator River and groundwater HEVAE extended to cover coastal WSP areas in time for plan evaluation = 100%</p> <p>Output measure (OM10) Coverage of river and groundwater HEVAE extended to coastal WSP areas</p> <p>Performance indicator River and groundwater HEVAE extended to cover coastal WSP areas in time for plan evaluation = 100%</p> <p>Output measure (OM11) WaQI extended to coastal WSP areas</p> <p>Performance indicator WaQI extended to cover coastal WSP areas in time for plan evaluation = 100%</p> <p>Output measure (OM12) WaQI incorporated into the RCI</p> <p>Output measure (OM13) River Styles, WaQI, RCI and HEVAE available on DPE Water website</p> <p>Output measure (OM14) Technical reports for HEVAE and WaQI peer reviewed and published on DPE Water website</p> <p>Performance indicator Technical reports for HEVAE and WaQI updates peer reviewed and published on DPE Water website within 3 months of completion = 100%</p>
					NRAR

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
6.3	Water quantity monitoring (surface water and groundwater)	<p>Conferred function for all persons - 372(1)(a),(a1), (b) and (c) of WMA</p> <p>Provides infield water quantity monitoring including water levels, flow and pressure for the purposes of:</p> <ul style="list-style-type: none"> water users' and the general public's benefit, its own functions, DPE Water's regulatory and water resource management function (obligations and requirements in relation to that monitoring will be documented in one or more Services Schedules), and responding to water quantity monitoring requests from DPE Water, other Government agencies or third parties to support specific (non-routine) water resource management requirements across NSW, including providing water quantity data and additional water quantity monitoring. Where applicable may charge for those services. Obligations and requirements in relation to those services will be documented in one or more Services Schedules. <p>Provides groundwater monitoring for the following purposes:</p> <ul style="list-style-type: none"> routine, groundwater level or pressure monitoring for general network and program specific network, routine groundwater take monitoring for setting the available groundwater determinations on 1 July of each water year, event, emergency, incident and one-off monitoring for any of the above services, groundwater monitoring data management, quality control, validation and distribution, and groundwater assets management. <p>Manages:</p> <ul style="list-style-type: none"> its surface water and groundwater monitoring networks, water quantity monitoring programs, and 	<p>Delegated function</p> <p>Provides:</p> <ul style="list-style-type: none"> long term analysis and advice on water quantity including water levels, flow and pressure, technical guidance on groundwater data to Water NSW, direction on water quantity management and planning in NSW, water access indicators within WSPs, expert surface water advice, as limited by that held within DPE Water, as required to effectively carry out monitoring functions to meet NSW surface water management requirements, water resources assessments and imposes water restrictions, evaluation and protection of environmental and social values of the resources, assessment of groundwater trades and bore approval applications, and implementation of water sharing plan rules including the setting of available water determinations. <p>Reports:</p> <ul style="list-style-type: none"> on long term analysis of monitoring and evaluation of water quantity, against minimum flow requirement, and monitors river salinity in the Murray Darling Basin. <p>Sets standards and outputs for:</p> <ul style="list-style-type: none"> water quantity monitoring, and water quantity information capture and storage. <p>Monitors:</p> <ul style="list-style-type: none"> government water policy and reviews for its effectiveness, and environmental flows, including identification of first flush events. 	<p>Under the NRAR Act, NRAR has no direct responsibilities regarding water quantity monitoring or enforcement.</p> <p>However, NRAR may require access to water quantity data and associated records relevant to an ongoing investigation. This is because it may be the case that water quantity data provides supporting context for hydrometric data or can be used to infer activity or behaviours and describe harm of an offence.</p>	<p>WNSW</p> <p>W01-01 - Surface water quantity monitoring</p> <p>The provision of a surface water quantity monitoring system; including design, station calibration, data collection, processing, encoding, quality assurance and archiving from the networks of water monitoring stations; the delivery of near real time height and/or flow data from all telemetered sites to the corporate database; and the maintenance and operation of surface water monitoring stations.</p> <p>Output measure (OM1)</p> <ul style="list-style-type: none"> Number of water monitoring sites: Forecast = 437 <p>Performance indicators</p> <ul style="list-style-type: none"> Sites in acceptable condition % of replacement cost of monitoring sites in condition grade two or better = 95% % of level data with a quality code better than 40 = 95% <p>W01-02 - Surface water data management and reporting (see above)</p> <p>Output measure (OM2)</p> <ul style="list-style-type: none"> Number of sites subject to data management: Forecast = 437 <p>Performance indicator</p> <ul style="list-style-type: none"> % of sites where data is available within three hours = 90% <p>W02-01 - Groundwater quantity monitoring</p> <p>The provision of a groundwater level, pressure and flow monitoring system; including design, site calibration, data collection, entry, audit, quality assurance, archiving, and information provision; and the maintenance and operation of groundwater monitoring bores.</p> <p>Output measure (OM15)</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
		<ul style="list-style-type: none"> the collection and archiving of surface and groundwater level, pressure and artesian flow data. <p>Advises DPE Water of material changes to the monitoring networks.</p> <p>Provides data in a useful and usable format in consultation with DPE Water.</p> <p>Maintains compliance with and certification with ISO 55001:2014 Asset management.</p> <p>Maintains compliance with and certification under ISO9001:2015 Quality management Systems, including appropriate technical procedures in consultation with DPE Water for data collection and management.</p> <p>Ensures that the outputs of the surface and groundwater monitoring networks meet the requirements of DPE Water's water quantity regulatory and water resource management function. Obligations and requirements in relation to those outputs will be documented in one or more Services Schedules.</p> <p>Manages and maintains the water quantity databases for the storage and archiving of water quantity data collected by WNSW.</p> <p>Provides DPE Water with free and unfettered access to those databases.</p> <p>Manages:</p> <ul style="list-style-type: none"> access to monitoring infrastructure by third parties, and delivers water monitoring information to the Bureau of Meteorology as per the requirements of the <i>Water Act 2007</i> (Cth) and works to ensure efficient processes. <p>Delivers real time water information to the State Emergency Service, and other third parties agreed commercially negotiated terms.</p> <p>Represents NSW on State and national Flood Management Committees, Flood Warning Consultative Committee, Water Monitoring Technical Standards Committee and the National Flood Warning Infrastructure Working Group.</p>	<p>Sets monitoring specification for groundwater level/pressure monitoring.</p> <p>Contributes to the flood warning network by providing information to the emergency agencies and the public to determine the current status of conditions of rivers and streams.</p> <p>Provides technical support to WNSW in database upgrades and data corrections processes.</p> <p>Leads monitoring reviews to ensure network aligns with future NSW water management requirements.</p> <p>Assists WNSW achieve quality accreditation for groundwater monitoring and then relinquishes that task.</p> <p>Builds the resource knowledge on the State's groundwater resources and its evolution over time (quantity, quality, aquifer characteristics) to inform local impact management areas, review impacts from mining developments, water bottling applications or to inform long term planning for drought and rising sea levels.</p> <p>Promotes and stimulates hydrological research.</p>		<ul style="list-style-type: none"> Number of water monitoring sites: Forecast = 4,384 (excludes coal seam gas monitoring sites) <p>Performance indicators</p> <ul style="list-style-type: none"> Sites in acceptable condition % of replacement cost of monitoring sites in condition grade two or better = 95% % of level or pressure data with a quality code better than 40 = 95% <p>W02-03 - Groundwater data management and reporting (see above)</p> <p>Output measure (OM18)</p> <ul style="list-style-type: none"> Number of sites subject to data management: Forecast = 4,384 (excludes coal seam gas monitoring sites) <p>Performance indicator</p> <p>% of sites where data is available daily = 90%</p>
					DPE Water
					NRAR

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
		<p>Reports on monitoring activities and monitoring network performance. Obligations and requirements in relation to that reporting will be documented in one or more Services Schedules.</p> <p>Unless otherwise specified, these functions are to be carried out to an applicable Australian or industry Standard.</p>			
6.4	Algal monitoring	<p>Co-ordinates and supports Regional Algal Co-ordinating Committees (RACCs).</p> <p>Contributes to the State Algal Advisory Group (SAAG).</p> <p>Contributes to the Regional Algal Contingency Plans (RACPs).</p> <p>Manages algal communications including hotline, media enquiries, website and briefings to Minister.</p> <p>Monitors rivers and storages to service those aspects of the RACC's reporting requirements, in accordance with the RACP. Obligations and requirements in relation to that monitoring will be documented a Services Schedule.</p> <p>Provides additional algal bloom / event monitoring. Obligations and requirements in relation to that monitoring will be documented a Services Schedule.</p> <p>Provides increased sampling frequency for red alerts as a matter of course if sampling in accordance with RACPs.</p>	<p>Co-ordinates and supports the SAAG.</p> <p>Provides advice on algal issues and the government strategic direction of algal management and planning in NSW.</p>	<p>Under the NRAR Act, NRAR has no direct responsibilities regarding algal monitoring or enforcement.</p> <p>However, NRAR may require access to algal monitoring data and associated records relevant to an ongoing investigation. This is because it may be the case that algal monitoring data provides supporting context for hydrometric data or can be used to infer activity or behaviours or describe harm of an offence.</p>	<p>WNSW</p> <p>W01-04 - Surface water algal monitoring</p> <p>The provision of a surface water algal monitoring program; including design, sample collection, laboratory analysis, algal identification and enumeration to accepted standards, and result encoding for provision to regional coordinating committees.</p> <p>Output measure (OM5)</p> <ul style="list-style-type: none"> Number of tests undertaken per year: Forecast = 10,080 <p>Performance indicator</p> <ul style="list-style-type: none"> % samples collected and analysed according to current standards and within agreed timeframe = 95% <p>W05-02 Bluegreen algae management</p> <p>The provision of an algal risk management system; including oversight, coordination and training, the issue of algal alerts and the development of algal risk management plans</p> <p>Output measure (OM30)</p> <p>Algal risk management plans for each region are implemented.</p> <p>Performance indicators</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
					<ul style="list-style-type: none"> % reports meeting weekly timeframe to regional algal coordinating committees and state algal coordinator of alert levels based on algal data =100% % % actions implemented in accordance with algal risk management plan and guidelines = 100%
					DPE Water
					NRAR
6.5	<p>Water modelling</p> <p>The development, upgrade and application of surface water resource management models for use in water planning and to assess performance in terms of statutory requirements, interstate agreements, regional water supply optimisation and third-party impacts on NSW stakeholders.</p> <p>The development, upgrade and use of groundwater resource management models for water sharing and management applications, and for resource impact and balance assessments.</p> <p>The development and update of water resource accounts and information on NSW water sources, for use by external stakeholders, and for internal water planning, management and evaluation processes.</p>	<p>Participates in the NSW Modelling and Monitoring Hub (MaMH).</p> <p>Works collaboratively with DPE Water to improve modelling systems.</p>	<p>Develops and applies river and aquifer models and provides key modelling services to internal business units and external agencies relating to:</p> <ul style="list-style-type: none"> water planning, including for WSP and water resource plan development, water impact assessments for licencing and approvals, for WNSW, sustainable diversion limit adjustment mechanism projects, for the Murray-Darling Basin Authority. <p>Runs sophisticated water planning models to be developed and applied to answer complex and specific questions around water management planning and operations.</p> <p>Participates in the NSW Modelling and Monitoring Hub (MaMH).</p> <p>Works collaboratively with WNSW to improve modelling systems.</p>		<p>WNSW</p> <p>DPE Water</p> <p>W04-01 Surface water modelling</p> <p>Output measure (OM19) Number of documented model performance reviews during the year: Output = 5 per year</p> <p>Performance indicator % models reviewed and reported against accuracy and reliability criteria set out in modelling guidelines = 100%</p> <p>Output measure (OM20) Number of models updated with an additional year of climate and hydrologic data: Output = 15 per year</p> <p>W04-02 Groundwater modelling</p> <p>Output measure (OM21) Number of documented model performance reviews during the year: Output = 4 per year</p> <p>Performance indicator % models meeting accuracy and reliability criteria stipulated by the Australian Groundwater Modelling Guidelines = 100%</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
					<p>Output measure (OM22) Number of models updated with an additional year of climate and hydrologic data: Output = 2 per year</p> <p>W04-03 Water resource accounting</p> <p>Output measure (OM23) Publication of detailed General Purpose Water Allocation Reports (GPWARs): Output = 9 (covering 11 sources) per year</p> <p>Performance indicator GPWARs published within 12 months of the end of the water year = 100%</p> <p>Output measure (OM24) Reports to meet state and federal compliance reporting obligations.</p>
					NRAR
6.6	Manage and maintain assets such as monitoring bores, gauging stations and meters	<p>Maintains and manages assets such as monitoring bores, gauging stations, and meters in accordance with its asset management system.</p> <p>Advises DPE Water and NRAR of any material changes to asset condition and plan the replacement, renewal or expansion of monitoring bores, gauging stations and meters to avoid, to the extent possible, any resultant impact on DPE Water and NRAR in performing their respective Roles and Responsibilities.</p> <p>If access is required to DPE Water's or NRAR's land or assets:</p> <ul style="list-style-type: none"> gives reasonable notice of such requirements to DPE Water or NRAR, and complies with any reasonable requirements of, and any directions given by, DPE Water or NRAR relating to, or in respect of, such access. 	<p>Advises WNSW and NRAR of the development of policies and management plans where such development or plans are likely to have a material impact on future asset management of monitoring bores, gauging stations or meters to avoid, to the extent possible, any resultant impact on WNSW and NRAR performing their respective Roles and Responsibilities.</p> <p>If access is required to WNSW or NRAR's land or assets:</p> <ul style="list-style-type: none"> gives reasonable notice of such requirements to WNSW or NRAR, and complies with any reasonable requirements of, and any directions given by, WNSW or NRAR relating to, or in respect of, such access. 	<p>If access is required to WNSW or DPE Water's land or assets:</p> <ul style="list-style-type: none"> gives reasonable notice of such requirements to WNSW or DPE Water, and complies with any reasonable requirements of, and any directions given by, WNSW or DPE Water relating to, or in respect of, such access. 	

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

7. Drought management

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
7.1	Drought management planning	<p>Undertakes the development of draft drought measures in consultation with all NSW water users and in accordance with WNSW works approvals (where applicable).</p> <p>Submits draft drought contingency measures to DPE Water for approval.</p> <p>Implements drought contingency measures, once approved by DPE Water.</p> <p>Develops drought management plans in consultation with DPE Water and NRAR.</p>	<p>Sets requirements of drought contingency measures, including licensing and approvals considerations.</p> <p>Approves, as appropriate, drought contingency measures proposed by WNSW.</p> <p>Coordinates actions required of agencies and councils by drought contingency measures approved by DPE Water.</p> <p>Implements and reviews the NSW Extreme Events Policy, including the implementation and announcement of drought stages.</p> <p>Develops and implements Incidence Response Guides for each inland regulated river valley.</p> <p>Implements the suspension of WSP rules as required under extreme drought.</p> <p>Advises and implements regulatory options for DPE Water Customers to gain access to water in times of drought, with a focus on priority water users e.g., town water supply and critical industries.</p> <p>Note – DPE Water Customers e.g., local water utilities or mines, will prepare their own drought management plans.</p>	Enforces compliance to achieve the drought management plan and drought contingency measures outcomes.	WNSW
					DPE Water
					NRAR
7.2	<p>Temporary water restrictions</p> <p>Section 324 of WMA</p> <p>ss 22B or 117E of <i>Water Act 1912</i></p>	<p>Conferred function for all persons:</p> <p>Section 324(3) and (4) of WMA – publication of a copy of the order and broadcast the order by television or radio</p> <p>Sections 22B and 117E of <i>Water Act 1912</i></p>	<p>Delegated function</p> <p>Forms the view that it is necessary to issue a temporary water restriction order under section 324 of the WMA or sections 22B or 117E of the <i>Water Act 1912</i>, including where such an order is required to be in the public interest.</p>	Monitors and enforces temporary water restrictions.	WNSW

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

		<p>Advises DPE Water as soon as practicable after forming the view that an order under section 324 might be warranted.</p> <p>Following instruction from DPE Water communicates, notifies and publicises temporary water restrictions under section 324 to the public.</p> <p>Undertakes flow forecasting to allow the assessment of whether targets and triggers for lifting temporary water restrictions have been met.</p> <p>Implements s 324 orders.</p>	<p>Drafts and makes temporary water restriction orders where required.</p> <p>Instructs WNSW to implement temporary water restrictions.</p> <p>Advises NRAR when a temporary water restriction order is made.</p> <p>Arranges for the publishing of temporary water restriction orders in the NSW Government Gazette.</p> <p>Develops targets and triggers to be used in some temporary water restrictions to enable responsive management (i.e., lifting of orders when certain flow targets or triggers are met).</p> <p>Advises of any lifting of section 324 orders using responsive management provisions.</p>		<p>DPE Water</p> <hr/> <p>NRAR</p>
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8. Management of water for the environment

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
8.1	Management of water for the environment	<p>Fulfils the responsibilities and requirements that are set out in Procedures Manuals established by the Minister under WSPs as they relate to managing water for the environment, including prerequisite policy measures (PPMs) and active management. These Manuals codify operational processes relating to e-water management.</p> <p>Participates in the development of Manuals established by the Minister under WSPs.</p> <p>Provides timely and regular data and reporting for environmental water use to inform ongoing adaptive management of water for the environment, including as specified in the Procedures Manuals. This may include event-based and annual reporting.</p> <p>Provides timely data and information that contribute to annual reports for implementation of PPMs (southern Basin), and active management (northern Basin). This includes:</p> <ul style="list-style-type: none"> a description of activities undertaken during the water year, the performance in meeting the outcomes and the requirements, a summary account on a monthly or event basis, a comparison on a monthly or event basis, 	<p>Develops NSW policy and implementation manuals on PPMs.</p> <p>Prepares PPMs annual review report.</p> <p>Sets policy and develops procedures manuals for environmental water management.</p> <p>Leads development of annual reviews and evaluations that respond to Commonwealth reporting and evaluation requirements.</p> <p>Publishes timely annual evaluation reports for implementation of PPMs (southern Basin), and active management (northern Basin).</p> <p>Seeks stakeholder feedback on implementation of active management.</p> <p>Chairs and co-ordinates NSW PPM working group.</p> <p>Manages NSW environmental water hub.</p> <p>Leads and participates in adaptive management of environmental water matters in NSW including:</p>	<p>Enforces individual daily extraction limits.</p>	<p>WNSW</p> <p>W05-03 Environmental water management</p> <p>The development and collaborative governance of environmental flow strategies and assessments; and the use of environmental water to achieve environmental outcomes.</p> <p>Output measure (OM31)</p> <ul style="list-style-type: none"> Pre-requisite policy measures - adaptive process in place to recognise return flows from environmental water. <p>Performance indicator</p> <ul style="list-style-type: none"> Agreement - eWater managers, Water NSW and SCBEWC agree the process for recognising return flows. <p>Performance indicator</p> <ul style="list-style-type: none"> Annual report on PPMs implementation published on DPE Water website. <p>Output measure (OM32)</p> <ul style="list-style-type: none"> Northern Basin – Interim Unregulated Flow Management Plan for the North-west

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
		<ul style="list-style-type: none"> documentation of feedback, issues, deviations, and recommendations. <p>Discharges obligations as described in the water supply work approvals for regulated systems.</p> <p>Classifies the accuracy of nominated environmental sites.</p> <p>Operationalisation of measures to manage and recognise or protect water for the environment, including:</p> <ul style="list-style-type: none"> managing in-stream held environmental water (HEW), recognising HEW in downstream connected systems, providing for the sharing of water between licence holders and the environment, announcing daily extraction limits, water ordering and accounting of water allocation accounts for water for the environment, undertaking flow forecasting, and updating the accounting system to accommodate take limit under active management. <p>Uses and shares its expertise and data in relation to system operations generated as a consequence of standard operating activities to provide advice and recommendations to improve how water for the environment is managed and accounted for, including system losses.</p> <p>Implements data base changes to WLS and WAS to record and manage individual daily extraction limits.</p> <p>Maintains WAS, WLS and iWAS to provide up to date, accurate information.</p> <p>Participates in interagency working groups or steering committees relating to environmental water to provide collaborative approach, such as environmental water advisory groups (EWAGs) and ad hoc meetings.</p> <p>Contributes to the development of Northern Basin Toolkit business cases, including proposal for model platform and improved forecasting tools for MER and hydrology analysis of northern connectivity.</p>	<ul style="list-style-type: none"> collaboration with NSW Treasury, Commonwealth Environmental Water Office, Murray-Darling Basin Authority and WNSW to identify acceptable solutions for the implementation of environmental water management legislation and policy, and stakeholder engagement, representation on intergovernmental committees. . <p>Liaises with environmental water holders and WNSW on WSP implementation relating to environmental water management.</p> <p>Liaises with environmental water holders, NRAR and WNSW on payback provisions for planned environmental water not delivered owing to maintenance works.</p> <p>Delivers an agreed approach to recognising HEW delivered from Queensland.</p> <p>Implements active management in other valleys and for floodplain harvesting.</p> <p>Conducts and participates in stakeholder engagement and consultation.</p> <p>Strategic development of processes, procedures, systems, collaborations and agreements now to ensure our current and future work is smart and adaptive and workable for water managers, water users and DPE Water Policy and Planning.</p> <p>Troubleshoots and resolves issues related to planned environmental water and HEW management. This includes participating in policy development and developing operational solutions.</p> <p>Determines the standard of accuracy required for nominated environmental sites.</p>		<p>implemented as demonstrated by: Review report published and Procedures Manual for the Interim Unregulated Flow Management Plan for the North-west adopted by Water NSW and in place.</p> <p>Output measure (OM33)</p> <ul style="list-style-type: none"> Snowy Licence – Evaluate using the Mowamba River to provide environmental water to the Snowy River <p>Output measure (OM34)</p> <p>Snowy licence – Investigate more flexible delivery to achieve better environmental outcomes and deliver an average annual flow consistent with the intent of SWIOID</p> <p>DPE Water</p> <p>W05-03 Environmental water management</p> <p>The development and collaborative governance of environmental flow strategies and assessments; and the use of environmental water to achieve environmental outcomes.</p> <p>Note: WNSW revised description at page 178 of submission</p> <p>Output measure (OM31)</p> <ul style="list-style-type: none"> Pre-requisite policy measures - adaptive process in place to recognise return flows from environmental water. <p>Performance indicator</p> <ul style="list-style-type: none"> Agreement - eWater managers, Water NSW and SCBEWC agree the process for recognising return flows. <p>Performance indicator</p> <ul style="list-style-type: none"> Annual report on PPMs implementation published on DPE Water website. <p>Output measure (OM32)</p> <ul style="list-style-type: none"> Northern Basin – Interim Unregulated Flow Management Plan for the North-west implemented as demonstrated by: Review report published and Procedures Manual for the Interim Unregulated Flow

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
		<p>Reviews hydrometric network to identify opportunities to improve information and assist active management.</p> <p>New gauges installed or existing gauges upgraded.</p> <p>Provides early notification to DPE Water when dam operational or maintenance issues impact on the ability to deliver planned environmental water.</p> <p>Shares and otherwise publishes methods, techniques, approaches to accounting, modelling, forecasting, analysing flows.</p>			<p>Management Plan for the North-west adopted by Water NSW and in place.</p> <p>Output measure (OM33)</p> <ul style="list-style-type: none"> Snowy Licence – Evaluate using the Mowamba River to provide environmental water to the Snowy River <p>Output measure (OM34)</p> <p>Snowy licence – Investigate more flexible delivery to achieve better environmental outcomes and deliver an average annual flow consistent with the intent of SWIOID</p>
					<p>NRAR</p> <p>n/a</p>

9. Environmental management

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
9.1	Cold water pollution (CWP)	<p>Implements operating protocols and infrastructure solutions in accordance with its works approvals.</p> <p>Undertakes operational activities, including monitoring, for DPE Water to develop targets and for WNSW to demonstrate compliance with the CWP operating protocols.</p> <p>Undertakes operational activities, including monitoring, as part of its functions and for the purpose of supporting DPE Water's regulatory or water resource management function.</p>	<p>Provides advice and reports to Government on CWP.</p> <p>Supports the CWP Interagency Group which:</p> <ul style="list-style-type: none"> provides to WNSW the parameters of monitoring programs to assess the impacts of (cold water) releases and the effects of CWP operating protocols via changes to the relevant work approvals, and specifies requirements for CWP operating protocols in WNSW's work approvals <p>Report on strategic actions against the CWP strategy as required.</p>		<p>WNSW</p> <p>DPE Water</p> <p>W05-03 Environmental water management</p> <p>OM34: Snowy Licence – Investigate more flexible delivery to achieve better environmental outcomes and deliver an average annual flow consistent with the intent of SWIOID [including to mitigate cold water pollution]</p> <p>NRAR</p>

10. Fees and charges

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
10.1	<p>Imposition and waiving fees or charges</p> <p>Section 114 of WMA</p>	<p>Conferred function for all persons – s114(1), (2) WMA</p> <p>Imposes fees and charges for the purposes of the WMA consistent with any relevant determination in relation to the price of Bulk Water made by IPART (s 114(1), WMA).</p> <p>Waives or reduces fees and charges, in a particular case or class of cases, if of the opinion that the circumstances warrant it (s 114(2), WMA).</p> <p>Collects fees and charges in accordance with relevant IPART determinations.</p> <p>Undertakes billing, financial account management and associated reporting. Obligations and requirements in relation to billing, financial account management and associated reporting will be documented a Services Schedule.</p>	<p>Delegated function</p> <p>Sets fees and charges for controlled activity approvals.</p> <p>Imposes fees and charges for licence and approval applicants (for licences and approvals administered by DPE Water) consistent with any relevant determination made by IPART.</p>		<p>WNSW</p> <p>W10 – 03 Billing management</p> <p>The management of billing requirements and subcontracted billing, revenue collection and debtor management service delivery, and responding to queries on billing activities.</p> <p>Note: WNSW revised description at page 178 of submission</p> <p>Output measure (OM79)</p> <ul style="list-style-type: none"> Expected number of accounts billed in each year Forecast = 38,915 per year <p>Performance indicator</p> <p>% accounts billed in the year = 95%</p> <p>DPE Water</p> <p>NRAR</p>
10.2	<p>Charge interest on overdue rate or charge</p> <p>Section 356 of WMA</p>	<p>Conferred function for WNSW customers – s356 WMA</p>	<p>Power can be exercised</p>	<p>Power can be exercised</p>	
10.3	<p>Co-holders of a licence are jointly and severally liable to the Minister for fees and charges related to the licence</p> <p>Section 362A of WMA</p>	<p>Conferred function for WNSW customers – s 362A WMA</p>			
10.4	<p>Issue a certificate as to the specified amount that is payable in relation to an access licence pursuant to fees and charges imposed under the WMA, or that no amount is payable</p> <p>Section 362B of WMA</p>	<p>Conferred function for WNSW customers – s362B WMA</p>	<p>Delegated function</p>		

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
10.5	<p>Recover unpaid fees and charges in court</p> <p>Section 362C of WMA</p>	<p>Conferred function for WNSW customers – s362C WMA</p>	<p>Delegated function</p>	<p>Function conferred by the NRAR Act</p>	

11. Functions under water sharing plans

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
11.1	<p>Functions under water sharing plans</p> <p>Functions of the Minister or system operator relating to:</p> <ul style="list-style-type: none"> amending WAL share components when informed by DPE Water, managing water allocation accounts, imposing daily access rules, managing access to daily flows other than supplementary water, imposing restrictions on water supply work approvals as specified in a water sharing plan, managing local access rules in local impact areas, and imposing mandatory conditions in accordance with any model conditions developed by DPE Water. 	<p>Conferred function for WNSW customers</p> <p>Operates and maintains water supply systems for water sources in accordance with the relevant operational rules in the respective water sharing plan</p> <p>Undertakes activities in accordance with tables 1 and 2.</p>	<p>Establishes water source operational rules in respective water sharing plan</p> <p>Undertakes activities in accordance with tables 1 and 2.</p>	<p>Undertakes activities in accordance with tables 1 and 2.</p>	<p>WNSW</p> <p>W09-01 Water consents transactions</p> <p>Transactions undertaken on a fee for service basis; including dealings, assessments, changes to conditions and new applications for water licences and approvals.</p> <p>Note: WNSW revised description at page 178 of submission</p> <p>Output measure (OM74)</p> <ul style="list-style-type: none"> WAL applications Forecast = <ul style="list-style-type: none"> Water NSW WALs: 210 per year Water NSW WAs dealings: 862 per year <p>Performance indicator</p> <ul style="list-style-type: none"> WAL –applications determined within 45 days = 80% <p>Output measure (OM75)</p> <ul style="list-style-type: none"> Works and Use Approvals – applications Forecast = <ul style="list-style-type: none"> Water NSW: 2,097 per year <p>Performance indicator</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

					<ul style="list-style-type: none"> • Works and Use Approvals – applications determined within 65 days = 80% <p>Output measure (OM76)</p> <ul style="list-style-type: none"> • Approval extensions Forecast = <ul style="list-style-type: none"> ○ Water NSW: 13,079 (21/22 to 2024/25) <p>Performance indicator</p> <p>Approvals Extensions –applications determined within 25 days = 80%</p> <hr/> <p>DPE Water</p> <p>W09-01 Water consents transactions</p> <p>(see above)</p> <p>Output measure (OM74)</p> <ul style="list-style-type: none"> • WAL applications Forecast = <ul style="list-style-type: none"> ○ NRAR (now DPE Water) WAL : 16 per year <p>Performance indicator</p> <ul style="list-style-type: none"> • WAL –applications determined within 45 days = 80% <p>Output measure (OM75)</p> <ul style="list-style-type: none"> • Works and Use Approvals – applications Forecast = <ul style="list-style-type: none"> ○ NRAR (now DPE Water): 131 per year <p>Performance indicator</p> <ul style="list-style-type: none"> • Works and Use Approvals – applications determined within 65 days = 80% <p>Output measure (OM76)</p> <ul style="list-style-type: none"> • Approval extensions Forecast = <ul style="list-style-type: none"> ○ NRAR (now DPE Water): 269 per year <p>Performance indicator</p> <p>Approvals Extensions –applications determined within 25 days = 80%</p> <hr/> <p>NRAR</p>
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The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

12. Joint private works

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
12.1	<p>Private irrigation boards</p> <p>Consider application for private irrigation board to take over water supply work and cause notice of application to be published.</p> <p>Section 156(3) WMA</p> <p>Where an objection is lodged to an application from a private irrigation board to take over a water supply work, consult with the objector and make a recommendation with respect to the objection.</p> <p>Section 157(4) WMA</p>	<p>Conferred function for all customers – s156 (3), 157(4) WMA</p> <p>N/A</p>	<p>Delegated function</p> <p>Currently DPE Water performs all statutory functions under WMA, despite conferral.</p> <p>Responds to enquiries about statutory functions and governance issues.</p>		
12.2	<p>Private water trusts</p> <p>Give approval or refuse to approve the cessation or supply of water or deviation of water in a water supply district.</p> <p>Section 229(2) WMA</p> <p>Direct members of a private trust to reduce or discontinue the taking of water from a water source.</p> <p>Section 229(4)(b) WMA</p>	<p>Conferred function for all customers – s229(2), 229(4)(b) WMA</p> <p>N/A</p>	<p>Delegated function</p> <p>Currently DPE Water performs all statutory functions under WMA, despite conferrals</p> <p>Responds to enquiries about statutory functions and governance issues</p>		

13. Border Rivers

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
					WNSW

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
13.1	<p>Constructing, maintaining, operating and controlling relevant works in NSW (function of WAMC)</p> <p>Subject to any requirements imposed by the Minister administering the <i>New South Wales – Queensland Border Rivers Act 1947</i> (BR Act) or by the Border Rivers Commission (BRC).</p> <p>Section 14 of BR Act</p>	<p>Conferred function for all persons – s14 BR Act</p> <p>Construct, maintain, operate and control relevant works subject to any requirements imposed by the Minister administering the BR Act or by the BRC.</p>	<p>Represents NSW on the Dumaresq-Barwon BRC and its sub-committees.</p> <p>As BRC reps, oversee the management, function and maintenance (by NSW Controlling Authority and QLD asset manager) of joint NSW and QLD owned water assets in the Border Rivers and Intersecting Streams water sources.</p> <p>As BRC reps, oversee the distribution of the States' shares of inflows to the regulated Border Rivers.</p>		<p>DPE Water</p> <p>NRAR</p>
13.2	<p>Exercising the power and obligations of a Controlling Authority (function of WAMC).</p> <p>Subject to any requirements imposed by the Minister administering the BR Act or by the BRC.</p> <p>Section 20 of BR Act</p>	<p>Conferred function for all persons – s20 BR Act</p> <p>Exercise powers and obligations of a Controlling Authority subject to any requirements imposed by the Minister administering the BR Act or by the BRC.</p>			

14. Compliance and enforcement

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
14.1	<p>Compliance and enforcement functions conferred on NRAR by the NRAR Act</p>	<p>Supports NRAR in undertaking compliance and enforcement functions conferred on NRAR by the NRAR Act.</p> <p>Liaises with NRAR in accordance with the Memorandum of Understanding between WNSW and NRAR (MoU) and associated Protocols.</p>	<p>Supports NRAR in undertaking compliance and enforcement functions conferred on NRAR by the NRAR Act.</p>	<p>Undertakes compliance and enforcement functions conferred on NRAR by the NRAR Act.</p> <p>Liaises with WNSW in accordance with the MoU and Protocols.</p>	<p>WNSW</p> <p>DPE Water</p> <p>NRAR</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
					<p>W08-03 Compliance management</p> <p>The on-ground and remote monitoring activities (including investigations and taking statutory actions) to ensure compliance with legislation, including licence and approval conditions.</p> <p>Output measure (OM70)</p> <ul style="list-style-type: none"> • Publish on NRAR website compliance activity by water sharing plan on a monthly basis including observed levels of compliance and non-compliance. • Output = 100% coverage of WSPs per month <p>Output measure (OM71)</p> <ul style="list-style-type: none"> • Publish annual progress reports <p>Output measure (OM72)</p> <ul style="list-style-type: none"> • Community benchmarking survey (Two yearly) <p>Output measure (OM73)</p> <ul style="list-style-type: none"> • Water licence holders audited and/or inspected each year • Output = 1,722 per year <p>Performance indicators</p> <ul style="list-style-type: none"> • Incoming public reports assessed and prioritised within 5 days working days of receipt = 90% • High priority cases assigned to an investigator within 15 working days of receipt = 90% <p>Public informants will be contacted (by letter or a telephone call) within 15 working days of lodging an alleged breach with NRAR = 90%</p>
14.2	<p>Receipt of notification regarding nomination of water supply work in relation to interstate equivalent of WAL</p> <p>Section 60A(8) of WMA</p>	<p>Conferred function for WNSW customers – s.60A(8) WMA</p>	<p>Power can be exercised</p>	<p>Power can be exercised</p>	
14.3	<p>Make directions concerning damage caused by straying stock</p>	<p>Conferred function for WNSW customers – s332 WMA</p>	<p>Delegated function</p>	<p>Function conferred by NRAR Act</p>	

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
	Section 332 of WMA				
14.4	Authorise recovery in court of cost of carrying out remedial measures Section 336A of WMA	Conferred function for WNSW customers – s336A(2) WMA	Delegated function	Function conferred by NRAR Act	
14.5	Exercise power to require information & records; exercise power to require answers; exercise power to require reasonable assistance and facilities; provide compensation for damage caused in entering premises; revoke or vary notice Sections 338A, 338B, 339E, 339G, 340C of WMA	Conferred functions for WNSW customers to be exercised for billing purposes only – ss 338A(1), 338B(2), 339E(2) WMA Conferred function for WNSW customers – ss 339G, 340C(4) WMA	Delegated functions	Functions conferred by the NRAR Act	
14.6	Authorise a person to take water from a water supply work owned by, or under the control and management of, the Minister or WAMC Section 343 of WMA	Conferred function for WNSW customers – s.343(1) WMA	Delegated function		
14.7	Issuing of evidentiary certificates Sections 367(1) and (2) of WMA	Conferred function – ss. 367(1) and 367(2) WMA	Delegated function	Function conferred by NRAR Act	
14.8	Entering land to take levels and make surveys and marks, fix pegs and stakes and inspect works Section 22(1) of <i>Water Act 1912</i>	Conferred function for WNSW customers – s.22(1) <i>Water Act 1912</i>	Delegated function		
14.9	Issuing notice to effect repairs concerning channels and other works Section 120(2) of <i>Water Act 1912</i>	Conferred function for WNSW customers – s.120(2) of <i>Water Act 1912</i>	Delegated function		

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
14.10	<p>Entering land to take levels, make surveys and marks, fix pegs and stakes, and inspect artesian wells or bores</p> <p>Section 124 of <i>Water Act 1912</i></p>	<p>Conferred function for WNSW customers – s.124 <i>Water Act 1912</i></p>	<p>Delegated function</p>		

15. Resolving Legacy Issues

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
	<p>Resolving Legacy Issues</p> <p>Errors in conversion from the <i>Water Act 1912</i> to the WMA that require correcting (e.g., irrigation dams that have been incorrectly converted without entitlement).</p> <p>Surface Authorities (approvals under the <i>Water Act 1912</i>) that require conversion and verification of these conversions.</p> <p>Conversion and verification of approvals for properties with dual frontage access (specifically the unregulated licences component).</p> <p>Conversion of approvals for bores that were issued in 'perpetuity'.</p> <p>Volumetric conversions (including volumetric conversions arising from dual frontage conversions, perpetual bores, etc.) of <i>Water Act 1912</i> licences to allow for conversion.</p> <p>Other tasks related to correcting issues with access licences and approvals that are long standing or are as a result of issues identified prior to conversion.</p>	<p>Undertakes resolving legacy issues tasks for WNSW customers.</p> <p>Supports DPE Water to resolve DPE Water's legacy issues.</p>	<p>Supports WNSW to undertake WNSW's legacy issues.</p> <p>Undertakes licensing tasks to resolve legacy issues for DPE Water Customers,</p> <p>Supports WNSW to undertake WNSW's licensing tasks to resolve legacy issues for WNSW customers</p>		<p>WNSW</p> <p>DPE Water</p> <p>NRAR</p>

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

16. Customer and stakeholder education, consultation and engagement

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
	<p>Education, consultation and engagement for stakeholders such as:</p> <ul style="list-style-type: none"> • licence and approval holders or applicants, • general public, • basic landholder rights holders, • government entities. <p>All three entities consult with stakeholders.</p> <p>Entity who holds database recognises it needs to be used by all agencies.</p>	<p>Communications activities include:</p> <ul style="list-style-type: none"> • undertake education and stakeholder engagement, e.g., Customer Advisory Groups (CAGs), • respond to requests on licensing and approvals issues by WNSW, • call centre management for account management, billing and general enquiries, • develop tools to educate (e.g., WaterInsights, fact sheets), • investigate customer satisfaction and water related knowledge, e.g., VoC Survey, • provide mechanism for DPE Water to send correspondence to water users e.g. <ul style="list-style-type: none"> ○ manage communication channels, ○ distribute regulatory changes to customers. <p>Runs the customer service call centre.</p> <p>Liaises with DPE Water and NRAR in relation to upcoming stakeholder engagement.</p>	<p>Undertake education and stakeholder engagement on policy matters such as upcoming policy reviews and changes and following the introduction of new policies to embed understanding of what is required and why.</p> <p>Participates in CAGs.</p> <p>Liaises with WNSW and NRAR on upcoming stakeholder engagement.</p> <p>Contribute to FAQs and other materials for customer service call centre.</p> <p>Leads communication and engagement in relation to groundwater management.</p> <p>Respond to requests on licences and approvals issued by DPE Water.</p>	<p>Undertake education and stakeholder engagement on compliance matters.</p> <p>Respond to requests on compliance matters</p> <p>Call centre management for water compliance issues.</p> <p>Liaises with WNSW and DPE Water in relation to upcoming stakeholder engagement.</p>	<p>WNSW</p> <p>W10-01 - Customer management</p> <p>All customer liaison activities; including responding to calls to licensing and compliance information lines; and producing communication and education materials such as website content and participation in customer forums.</p> <p>Output measure (OM78)</p> <ul style="list-style-type: none"> • Number of complaints received per year Water NSW Forecast = 389 <p>Performance indicators</p> <ul style="list-style-type: none"> • Complaints resolved within 28 days = 90% <p>Performance against 'Skyline' composite measure = Improvement of 2.5% per year. on 2021 level</p> <p>DPE Water</p> <p>W10-01 - Customer management</p> <p>All customer liaison activities; including responding to calls to licensing and compliance information lines; and producing communication and education materials such as website content and participation in customer forums.</p> <p>Output measure (OM77)</p> <ul style="list-style-type: none"> • Number of customer enquiries received Forecast = NRAR (now DPE Water L&A): 6,981 calls per year and 14,259 emails per year <p>Performance indicator</p> <ul style="list-style-type: none"> • Enquiries responded to within 24 hours = 90%

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

#	Activity	WNSW Role	DPE Water Role	NRAR Role	WAMC output measures and performance indicators set by IPART
					<p>NRAR</p> <p>W10-01 - Customer management</p> <p>All customer liaison activities; including responding to calls to licensing and compliance information lines; and producing communication and education materials such as website content and participation in customer forums.</p> <p>Note: WNSW revised description at page 178 of submission</p> <p>Output measure (OM77)</p> <ul style="list-style-type: none"> • Number of customer enquiries received Forecast = NRAR: 6,981 calls per year and 14,259 emails per year <p>Performance indicator</p> <ul style="list-style-type: none"> • Enquiries responded to within 24 hours = 90% •

The licensing functions that are set out in this Schedule are conferred on WNSW subject to the exceptions listed in Part A.1 of the Schedule A of the Operating Licence.

In cases where the licence is a licence under Part 2 of the *Water Act 1912* (Table A.2 of the Operating Licence), the functions being exercised are functions of WAMC.

