

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)



Audit Number: AO-001789

SITE DETAILS

Site: **Ecolab Garland Plant**

Address: 2305 Sherwin St, 75041, Garland, Texas, UNITED STATES

Contact Person: Amy Mika

AWS Reference Number: AWS-000471

Site Structure: Single Site

CERTIFICATION DETAILS

Certification status: Certified Core

Date of certification decision: 2025-Dec-04

Validity of certificate: 2028-Dec-03

AUDIT DETAILS

Audited Service(s): AWS Standard v2.0 (2019)

Audit Type(s): Initial Audit

Audit Start Date: 2025-Nov-04

Audit End Date: 2025-Nov-06

Lead Auditor: Gisela Galan

Site Participants:

Kavin Mao, SHE Specialist II

Kelvin Green, Planning Manager

Prashant Dave, SHE Manager

Eric Garcia, Logistic Manager

Matt Bensor, TPM Manager

Mark Suarez, Production manager

Jorge Zablah, Quality Engineer

Rita Tyson, Manager - Human Resource

James Allen, Engineer Manager

Pamela Jhonson, Sr Training Specialist

Anika Wahid, Sustainability Lead

Seun Shenton, Project Manager

Amy Mika, Global Manager

James Allen, Engineer Manager

Diyar Medhat, Quality Manager

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ADDITIONAL INFO

Summary of Audit Findings: During the certification audit, zero non-conformities and 12 observations were raised.

The audit team recommends certification of Ecolab Garland at Core level.

Scope of Assessment: The scope of services covers the Initial certification audit for assessing conformity of Ecolab Garland against the AWS International Water Stewardship Standard Version 2.

The plant is located on the west side of Sherwin Street in the City of Garland, Dallas County, State of Texas, United States of America, 18 miles from the city of Dallas. It was founded in 1971 and currently employs 156 people. The 275,000 ft2 building contains offices, manufacturing and warehouse space. Product Portfolio includes 340 unique SKUs (soaps, disinfectants, degreasers, detergents, and other commercial/industrial cleaners), sold in all presentation from one-gallon containers to bulk tanker truck. The area is flat but surrounded by several lakes and river. It is prone to flooding due to storms and hurricanes. Water is used in formulations during mixing.

The audit was conducted onsite on November 4th to 6th, 2025.
The onsite site visit included the assessment of production storage and delivery area, wastewater treatment plant, inflow water meter, outflow and effluent sampling point.

FINDINGS

Observation	1
Observation	11

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FINDING DETAILS

Finding No:	TNR-021701
Checklist Item No:	1.1.1
Status:	Open
Finding level:	Observation
Checklist item:	The physical scope of the site shall be mapped, considering the regulatory landscape and zone of stakeholder interests, including: <ul style="list-style-type: none">- Site boundaries;- Water-related infrastructure, including piping network, owned or managed by the site or its parent organization;- Any water sources providing water to the site that are owned or managed by the site or its parent organization;- Water service provider (if applicable) and its ultimate water source;- Discharge points and waste water service provider (if applicable) and ultimate receiving water body or bodies;- Catchment(s) that the site affect(s) and is reliant upon for water.
Findings:	Bois d'Arc Lake should be identified and mapped as one of the North Texas Municipal Water District (NTMWD) ultimate water sources.
Finding No:	TNR-021552
Checklist Item No:	1.2.1
Status:	Open
Finding level:	Observation
Checklist item:	Stakeholders and their water-related challenges shall be identified. The process used for stakeholder identification shall be identified. This process shall: <ul style="list-style-type: none">- Inclusively cover all relevant stakeholder groups including vulnerable, women, minority, and Indigenous people;- Consider the physical scope identified, including stakeholders, representative of the site's ultimate water source and ultimate receiving water body or bodies;- Provide evidence of stakeholder consultation on water-related interests and challenges;- Note that the ability and/or willingness of stakeholders to participate may vary across the relevant stakeholder groups;- Identify the degree of stakeholder engagement based on their level of interest and influence.
Findings:	With the current stakeholder engagement process based on sending emails and surveys, the site has not received feedback. Evaluation of the engagement process is needed to find other ways to reach out to stakeholders.

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Finding No:	TNR-022065
Checklist Item No:	1.3.7
Status:	Open
Finding level:	Observation
Checklist item:	Annual water-related costs, revenues, and a description or quantification of the social, cultural, environmental, or economic water-related value generated by the site shall be identified and used to inform the evaluation of the plan in 4.1.2.
Findings:	The cost of the cleanup event should be included in the next audit.
Finding No:	TNR-021715
Checklist Item No:	1.5.3
Status:	Open
Finding level:	Observation
Checklist item:	The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance.
Findings:	Based on the information provided, the volume supplied by the East Fork Water Re-Use Project is not accounted for. Also, it is not clear if the "Water Supply of Lake Reservoirs" is water that is supplied to the reservoirs from upstream or is the water extracted from the reservoirs to provide water to the city. The Site should strive to present the catchment balance as clear as possible, indicating all factors of the equation.
Finding No:	TNR-021724
Checklist Item No:	1.5.4
Status:	Open
Finding level:	Observation
Checklist item:	Water quality, including physical, chemical, and biological status, of the catchment shall be identified, and where possible, quantified. Where there is a water-related challenge that would be a threat to good water quality status for people or environment, an indication of annual, and where appropriate, seasonal, high and low variances shall be identified.
Findings:	The site should present updated information on water quality for the East Fork Trinity River since data from 2003 probably does not reflect the current situation.

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Finding No:	TNR-021732
Checklist Item No:	1.5.6
Status:	Open
Finding level:	Observation
Checklist item:	Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events.
Findings:	The Site presented a partial description of the water related infrastructure and links to additional information however, links are not sufficient since it is important to identify the status of each major water related infrastructure to properly assess the risks to the Site. There is also a lack of identification of the condition and future plans, if any, of the water treatment plant, because it is crucial for the continuity of the business.
Finding No:	TNR-021736
Checklist Item No:	1.7.2
Status:	Open
Finding level:	Observation
Checklist item:	Water-related opportunities shall be identified, including how the site may participate, assessment and prioritization of potential savings, and business opportunities.
Findings:	Water-related opportunities led by public agencies, including how the site may participate, were evidenced, however the Site has not identified opportunities that it could implement alone inside its premises.
Finding No:	TNR-021878
Checklist Item No:	1.8.2
Status:	Open
Finding level:	Observation
Checklist item:	Relevant sector and/or catchment best practice for water balance (either through water efficiency or less total water use) shall be identified.
Findings:	Most of the best practices (BP) identified are very general. Ecolab should identify BP that could be implemented by the Site.
Finding No:	TNR-021879
Checklist Item No:	1.8.3
Status:	Open
Finding level:	Observation
Checklist item:	Relevant sector and/or catchment best practice for water quality shall be identified, including rationale for data source.
Findings:	Most of the BP identified are very general. Ecolab should identify BP that could be implemented by the Site.

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Finding No:	TNR-021880
Checklist Item No:	1.8.4
Status:	Open
Finding level:	Observation
Checklist item:	Relevant catchment best practice for site maintenance of Important Water-Related Areas shall be identified.
Findings:	Most of the BP identified are very general. Ecolab should identify BP that could be implemented by Site level.
Finding No:	TNR-021881
Checklist Item No:	1.8.5
Status:	Open
Finding level:	Observation
Checklist item:	Relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services shall be identified.
Findings:	Most of the BP identified are very general. Ecolab should identify BP that could be implemented by Site level.
Finding No:	TNR-022067
Checklist Item No:	4.3.1
Status:	Open
Finding level:	Observation
Checklist item:	Consultation efforts with stakeholders on the site's water stewardship performance shall be identified.
Findings:	The site's process for consulting stakeholders on the site's water stewardship performance relies on the site meeting stakeholders face to face, but stakeholders did not show interest to meet, and the consultation was therefore ineffective. Evaluation of the consultation process is needed to find other ways to consult the stakeholders about the site's water stewardship performance.

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Report Details

Report	Value
Report prepared by	Gisela Galán
Report approved by	Carla Schmidt Oberdiek
Report approved on (Date)	27.November.2025

Surveillance

Proposed date for next audit
2026-Nov-04

Stakeholder Announcements

Date of publication	Location
	https://www.ecolab.com/corporate-responsibility/environment/water-stewardship https://a4ws.org/wp-content/uploads/2025/05/AWS-000471-Ecolab-Garland-TX-USA-StakeholderAnnouncement-November-2025-V3.0.pdf https://watersas.org/stakeholder-announcements/

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Comment	<p>Stakeholder announcement was published in three medias (one from Ecolab and two from WSAS). Site explained that:</p> <p>"Ecolab has deemed that it is not applicable for their Garland facility due to the following reasons:</p> <p>Section 2.5.2.3 states that such publication is required "if applicable, economical, practical, and available." After thorough consideration of the site's context and stakeholder engagement strategy, we determined that this requirement was not applicable for the following reasons:</p> <p>Stakeholder Communication Channels: The stakeholders relevant to this site—including suppliers, regulatory bodies, and community representatives—are primarily engaged through direct communication channels and digital platforms. Local media outlets such as newspapers and radio stations do not serve as primary or effective means of outreach for this audience.</p> <p>Practical Constraints: The availability of suitable local media outlets that accept and publish stakeholder announcements of this nature is limited. Attempts to identify appropriate platforms have not yielded viable options that align with the intent and format of the AWS Stakeholder Announcement.</p> <p>Online Accessibility: The Stakeholder Announcement has been made publicly available online in English via the Ecolab and AWS Website. It has also been submitted to AWS and WSAS for publication on their official platform, ensuring transparency and accessibility.</p> <p>Avoiding politicization: Local media outlets may frame the story in ways that politicize the company's actions, especially in polarized regions where environmental issues are contentious."</p>
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Catchment Information

Catchment Information

Site's Catchment Name:

Duck Creek Watershed - 120301060501

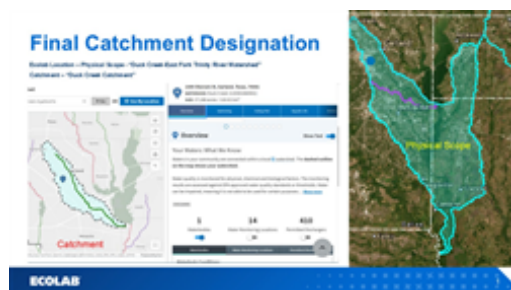
No underground or desalination sources. The Site receives water from the City of Garland who buys water from the North Texas Municipal Water District. This last one is a broker and sells water to other cities besides Garland. Its ultimate water sources are four lakes (Lavon, Chapman, Texoma and Tawakoni) and The East Fork Water Reuse Project which reclaims and treats water that later is fed into the public water system. Only Lake Lavon is located in the Site's catchment. The City of Garland is the water and wastewater service provider and is located in the Duck Creek-East Fork Trinity River Watershed.

Water and storm water discharge catchment:

Same as Site's Catchment. Specific body of water has not been disclosed by The City of Garland.

"Garland, Texas faces several challenges related to its water system. Natural disasters like tornadoes and hailstorms can disrupt infrastructure, while flooding, a recurring issue, overwhelms drainage systems and contaminates water supplies. Water pollution from industrial activities, urban runoff, and agriculture is a concern, and subsidence from groundwater extraction and other activities damages infrastructure and increases flooding risks.

The city's aging water infrastructure requires ongoing maintenance and upgrades, with the 2025 Capital Improvement Program addressing these needs. The loss of wetlands and species due to urban expansion and other factors impacts wildlife habitats and ecosystem services. Lastly, water scarcity is a concern due to reliance on external sources, aging infrastructure, and climate pressures like drought, compounded by population growth".



Garland Catchment.jpg

Client Description and Site Details

Client/Site Background

This information has been redacted for confidentiality reasons

Comment

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Summary of Shared Water Challenges

Summary of Shared Water Challenges

Natural Disasters: due to tornadoes and hailstorms, that can disrupt water supply.
Flooding: due to natural disasters.
Water Infrastructure: Garland's aging water infrastructure requires ongoing maintenance and upgrades to ensure reliable service.
Loss of Wetlands/Species: The reduction of wetland impacts wildlife habitats and ecosystem services such as water filtration and flood control.
Water Scarcity: due to reliance on external sources, water loss due to aging infrastructure, drought and population growth.
Comment Water quality was not identified as a shared water challenge because the quality of the ultimate water sources is not a concern at the moment.

0.0.1 Water Source & Discharge Locations

0.01 Have any water source or discharge locations been visited during the audit, if so, which and where? If none were visited, please provide justification. Yes
Comment Two storm water and one effluent water discharge location were visited on Site. All locate at the south side of the Site. No water sources were visited.

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1 STEP 1: GATHER AND UNDERSTAND	
1.1	<i>Gather information to define the site's physical scope for water stewardship purposes, including: its operational boundaries; the water sources from which the site draws; the locations to which the site returns its discharges; and the catchment(s) that the site affect(s) and upon which it is reliant.</i>
1.1.1	<i>The physical scope of the site shall be mapped, considering the regulatory landscape and zone of stakeholder interests, including:</i> <ul style="list-style-type: none"> - Site boundaries; - Water-related infrastructure, including piping network, owned or managed by the site or its parent organization; - Any water sources providing water to the site that are owned or managed by the site or its parent organization; - Water service provider (if applicable) and its ultimate water source; - Discharge points and waste water service provider (if applicable) and ultimate receiving water body or bodies; - Catchment(s) that the site affect(s) and is reliant upon for water.
Comment	This information has been redacted for confidentiality reasons
1.2	<i>Understand relevant stakeholders, their water related challenges, and the site's ability to influence beyond its boundaries.</i>
1.2.1	<i>Stakeholders and their water-related challenges shall be identified. The process used for stakeholder identification shall be identified. This process shall:</i> <ul style="list-style-type: none"> - Inclusively cover all relevant stakeholder groups including vulnerable, women, minority, and Indigenous people; - Consider the physical scope identified, including stakeholders, representative of the site's ultimate water source and ultimate receiving water body or bodies; - Provide evidence of stakeholder consultation on water-related interests and challenges; - Note that the ability and/or willingness of stakeholders to participate may vary across the relevant stakeholder groups; - Identify the degree of stakeholder engagement based on their level of interest and influence.
Comment	This information has been redacted for confidentiality reasons
1.2.2	<i>Current and potential degree of influence between site and stakeholder shall be identified, within the catchment and considering the site's ultimate water source and ultimate receiving water body for wastewater.</i>
Comment	Information has been redacted for confidentiality reasons
1.3	<i>Gather water-related data for the site, including: water balance; water quality, Important Water-Related Areas, water governance, WASH; water-related costs, revenues, and shared value creation.</i>
1.3.1	<i>Existing water-related incident response plans shall be identified.</i>
Comment	Information has been redacted for confidentiality reasons
1.3.2	<i>Site water balance, including inflows, losses, storage, and outflows shall be identified and mapped</i>

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Comment	This information has been redacted for confidentiality reasons	
1.3.3	<i>Site water balance, inflows, losses, storage, and outflows, including indication of annual variance in water usage rates, shall be quantified. Where there is a water-related challenge that would be a threat to good water balance for people or environment, an indication of annual high and low variances shall be quantified.</i>	Yes
Comment	This information has been redacted for confidentiality reasons	
1.3.4	<i>Water quality of the site's water source(s), provided waters, effluent and receiving water bodies shall be quantified. Where there is a water-related challenge that would be a threat to good water quality status for people or environment, an indication of annual, and where appropriate, seasonal, high and low variances shall be quantified.</i>	Yes
Comment	Information has been redacted for confidentiality reasons	
1.3.5	<i>Potential sources of pollution shall be identified and if applicable, mapped, including chemicals used or stored on site.</i>	Yes
Comment	This information has been redacted for confidentiality reasons	
1.3.6	<i>On-site Important Water-Related Areas shall be identified and mapped, including a description of their status including Indigenous cultural values.</i>	Yes
Comment	No important water related areas were identified on Site.	
1.3.7	<i>Annual water-related costs, revenues, and a description or quantification of the social, cultural, environmental, or economic water-related value generated by the site shall be identified and used to inform the evaluation of the plan in 4.1.2.</i>	Obs.
Comment	This information has been redacted for confidentiality reasons	
1.3.8	<i>Levels of access and adequacy of WASH at the site shall be identified.</i>	Yes
Comment	This information has been redacted for confidentiality reasons	
1.4	<i>Gather data on the site's indirect water use, including: its primary inputs; the water use embedded in the production of those primary inputs the status of the waters at the origin of the inputs (where they can be identified); and water used in out-sourced water-related services.</i>	
1.4.1	<i>The embedded water use of primary inputs, including quantity, quality and level of water risk within the site's catchment, shall be identified.</i>	Yes
Comment	This information has been redacted for confidentiality reasons	
1.4.2	<i>The embedded water use of outsourced services shall be identified, and where those services originate within the site's catchment, quantified.</i>	Yes
Comment	This information has been redacted for confidentiality reasons	
1.5	<i>Gather water-related data for the catchment, including water governance, water balance, water quality, Important Water-Related Areas, infrastructure, and WASH</i>	
1.5.1	<i>Water governance initiatives shall be identified, including catchment plan(s), water-related public policies, major publicly-led initiatives under way, and relevant goals to help inform site of possible opportunities for water stewardship collective action.</i>	Yes




WSAS

2 Quality Street North Berwick, EH39 4HW, UNITED KINGDOM

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Comment	This information has been redacted for confidentiality reasons	
1.5.2	<i>Applicable water-related legal and regulatory requirements shall be identified, including legally-defined and/or stakeholder-verified customary water rights.</i>	 Yes
Comment	This information has been redacted for confidentiality reasons	
1.5.3	<i>The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance.</i>	 Obs.
Comment	This information has been redacted for confidentiality reasons	
1.5.4	<i>Water quality, including physical, chemical, and biological status, of the catchment shall be identified, and where possible, quantified. Where there is a water-related challenge that would be a threat to good water quality status for people or environment, an indication of annual, and where appropriate, seasonal, high and low variances shall be identified.</i>	 Obs.
Comment	This information has been redacted for confidentiality reasons	
1.5.5	<i>Important Water-Related Areas shall be identified, and where appropriate, mapped, and their status assessed including any threats to people or the natural environment, using scientific information and through stakeholder engagement.</i>	 Yes
Comment	This information has been redacted for confidentiality reasons	
1.5.6	<i>Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events.</i>	 Obs.
Comment	This information has been redacted for confidentiality reasons	
1.5.7	<i>The adequacy of available WASH services within the catchment shall be identified.</i>	 Yes
Comment	This information has been redacted for confidentiality reasons	
1.6	<i>Understand current and future shared water challenges in the catchment, by linking the water challenges identified by stakeholders with the site's water challenges.</i>	
1.6.1	<i>Shared water challenges shall be identified and prioritized from the information gathered.</i>	 Yes
Comment	This information has been redacted for confidentiality reasons	
1.6.2	<i>Initiatives to address shared water challenges shall be identified.</i>	 Yes
Comment	This information has been redacted for confidentiality reasons	
1.7	<i>Understand the site's water risks and opportunities: Assess and prioritize the water risks and opportunities affecting the site based upon the status of the site, existing risk management plans and/or the issues and future risk trends identified in 1.6.</i>	
1.7.1	<i>Water risks faced by the site shall be identified, and prioritized, including likelihood and severity of impact within a given timeframe, potential costs and business impact.</i>	 Yes
Comment	This information has been redacted for confidentiality reasons	

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1.7.2	<i>Water-related opportunities shall be identified, including how the site may participate, assessment and prioritization of potential savings, and business opportunities.</i>	Q Obs.
Comment	This information has been redacted for confidentiality reasons	
1.8	<i>Understand best practice towards achieving AWS outcomes: Determining sectoral best practices having a local/catchment, regional, or national relevance.</i>	
1.8.1	<i>Relevant catchment best practice for water governance shall be identified.</i>	✓ Yes
Comment	Information has been redacted for confidentiality reasons	
1.8.2	<i>Relevant sector and/or catchment best practice for water balance (either through water efficiency or less total water use) shall be identified.</i>	Q Obs.
Comment	Information has been redacted for confidentiality reasons	
1.8.3	<i>Relevant sector and/or catchment best practice for water quality shall be identified, including rationale for data source.</i>	Q Obs.
Comment	This information has been redacted for confidentiality reasons	
1.8.4	<i>Relevant catchment best practice for site maintenance of Important Water-Related Areas shall be identified.</i>	Q Obs.
Comment	This information has been redacted for confidentiality reasons	
1.8.5	<i>Relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services shall be identified.</i>	Q Obs.
Comment	Information has been redacted for confidentiality reasons	

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2	STEP 2: COMMIT & PLAN - Commit to be a responsible water steward and develop a Water Stewardship Plan	
2.1	<i>Commit to water stewardship by having the senior-most manager in charge of water at the site, or if necessary, a suitable individual within the organization head office, sign and publicly disclose a commitment to water stewardship, the implementation of the AWS Standard and achieving its five outcomes, and the allocation of required resources.</i>	
2.1.1	<i>A signed and publicly disclosed site statement OR organizational document shall be identified. The statement or document shall include the following commitments:</i> <ul style="list-style-type: none"> - That the site will implement and disclose progress on water stewardship program(s) to achieve improvements in AWS water stewardship outcomes - That the site implementation will be aligned to and in support of existing catchment sustainability plans - That the site's stakeholders will be engaged in an open and transparent way - That the site will allocate resources to implement the Standard. 	 Yes
Comment	This information has been redacted for confidentiality reasons	
2.2	<i>Develop and document a process to achieve and maintain legal and regulatory compliance.</i>	
2.2.1	<i>The system to maintain compliance obligations for water and wastewater management shall be identified, including:</i> <ul style="list-style-type: none"> - Identification of responsible persons/positions within facility organizational structure - Process for submissions to regulatory agencies. 	 Yes
Comment	This information has been redacted for confidentiality reasons	
2.3	<i>Create a water stewardship strategy and plan including addressing risks (to and from the site), shared catchment water challenges, and opportunities.</i>	
2.3.1	<i>A water stewardship strategy shall be identified that defines the overarching mission, vision, and goals of the organization towards good water stewardship in line with this AWS Standard.</i>	 Yes
Comment	This information has been redacted for confidentiality reasons	
2.3.2	<i>A water stewardship plan shall be identified, including for each target:</i> <ul style="list-style-type: none"> - How it will be measured and monitored - Actions to achieve and maintain (or exceed) it - Planned timeframes to achieve it - Financial budgets allocated for actions - Positions of persons responsible for actions and achieving targets - Where available, note the link between each target and the achievement of best practice to help address shared water challenges and the AWS outcomes. 	 Yes
Comment	This information has been redacted for confidentiality reasons	
2.4	<i>Demonstrate the site's responsiveness and resilience to respond to water risks</i>	

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2.4.1	<i>A plan to mitigate or adapt to identified water risks developed in co-ordination with relevant public-sector and infrastructure agencies shall be identified.</i>	<div><div></div><div>Yes</div></div>
Comment	This information has been redacted for confidentiality reasons	

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3	STEP 3: IMPLEMENT - Implement the site's stewardship plan and improve impacts	
3.1	<i>Implement plan to participate positively in catchment governance.</i>	
3.1.1	<i>Evidence that the site has supported good catchment governance shall be identified.</i>	 Yes
Comment	This information has been redacted for confidentiality reasons	
3.1.2	<i>Measures identified to respect the water rights of others including Indigenous peoples, that are not part of 3.2 shall be implemented.</i>	 Yes
Comment	This information has been redacted for confidentiality reasons	
3.2	<i>Implement system to comply with water-related legal and regulatory requirements and respect water rights.</i>	
3.2.1	<i>A process to verify full legal and regulatory compliance shall be implemented.</i>	 Yes
Comment	Information has been redacted for confidentiality reasons	
3.2.2	<i>Where water rights are part of legal and regulatory requirements, measures identified to respect the water rights of others including Indigenous peoples, shall be implemented.</i>	 Yes
Comment	This information has been redacted for confidentiality reasons	
3.3	<i>Implement plan to achieve site water balance targets.</i>	
3.3.1	<i>Status of progress towards meeting water balance targets set in the water stewardship plan shall be identified.</i>	 Yes
Comment	Information has been redacted for confidentiality reasons	
3.3.2	<i>Where water scarcity is a shared water challenge, annual targets to improve the site's water use efficiency, or if practical and applicable, reduce volumetric total use shall be implemented.</i>	 Yes
Comment	This information has been redacted for confidentiality reasons	
3.3.3	<i>Legally-binding documentation, if applicable, for the re-allocation of water to social, cultural or environmental needs shall be identified.</i>	 Yes
Comment	Auditor's comment: The Site is not subject to any legally binding documentation for the re-location of water to social, cultural or environmental needs.	
3.4	<i>Implement plan to achieve site water quality targets</i>	
3.4.1	<i>Status of progress towards meeting water quality targets set in the water stewardship plan shall be identified.</i>	 Yes
Comment	Information has been redacted for confidentiality reasons	







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3.4.2	<i>Where water quality is a shared water challenge, continual improvement to achieve best practice for the site's effluent shall be identified and where applicable, quantified.</i>	 Yes
Comment	This information has been redacted for confidentiality reasons	
3.5	<i>Implement plan to maintain or improve the site's and/or catchment's Important Water-Related Areas.</i>	
3.5.1	<i>Practices set in the water stewardship plan to maintain and/or enhance the site's Important Water-Related Areas shall be implemented.</i>	 Yes
Comment	This information has been redacted for confidentiality reasons	
3.6	<i>Implement plan to provide access to safe drinking water, effective sanitation, and protective hygiene (WASH) for all workers at all premises under the site's control.</i>	
3.6.1	<i>Evidence of the site's provision of adequate access to safe drinking water, effective sanitation, and protective hygiene (WASH) for all workers onsite shall be identified and where applicable, quantified.</i>	 Yes
Comment	This information has been redacted for confidentiality reasons	
3.6.2	<i>Evidence that the site is not impinging on the human right to safe water and sanitation of communities through their operations, and that traditional access rights for indigenous and local communities are being respected, and that remedial actions are in place where this is not the case, and that these are effective.</i>	 Yes
Comment	This information has been redacted for confidentiality reasons	
3.7	<i>Implement plan to maintain or improve indirect water use within the catchment:</i>	
3.7.1	<i>Evidence that indirect water use targets set in the water stewardship plan, as applicable, have been met shall be quantified.</i>	 Yes
Comment	This information has been redacted for confidentiality reasons	
3.7.2	<i>Evidence of engagement with suppliers and service providers, as well as, when applicable, actions they have taken in the catchment as a result of the site's engagement related to indirect water use, shall be identified.</i>	 Yes
Comment	This information has been redacted for confidentiality reasons	
3.8	<i>Implement plan to engage with and notify the owners of any shared water-related infrastructure of any concerns the site may have.</i>	
3.8.1	<i>Evidence of engagement, and the key messages relayed with confirmation of receipt, shall be identified.</i>	 Yes
Comment	This information has been redacted for confidentiality reasons	
3.9	<i>Implement actions to achieve best practice towards AWS outcomes: continually improve towards achieving sectoral best practice having a local/catchment, regional, or national relevance.</i>	
3.9.1	<i>Actions towards achieving best practice, related to water governance, as applicable, shall be implemented.</i>	 Yes





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Comment	This information has been redacted for confidentiality reasons	
3.9.2	<i>Actions towards achieving best practice, related to targets in terms of water balance shall be implemented.</i>	 Yes
Comment	This information has been redacted for confidentiality reasons	
3.9.3	<i>Actions towards achieving best practice, related to targets in terms of water quality shall be implemented.</i>	 Yes
Comment	This information has been redacted for confidentiality reasons	
3.9.4	<i>Actions towards achieving best practice, related to targets in terms of the site's maintenance of Important Water-Related Areas shall be implemented.</i>	 Yes
Comment	Information has been redacted for confidentiality reasons	
3.9.5	<i>Actions towards achieving best practice related to targets in terms of WASH shall be implemented.</i>	 Yes
Comment	This information has been redacted for confidentiality reasons	

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4 STEP 4: EVALUATE - Evaluate the site's performance.		
4.1	<i>Evaluate the site's performance in light of its actions and targets from its water stewardship plan and demonstrate its contribution to achieving water stewardship outcomes.</i>	
4.1.1	<i>Performance against targets in the site's water stewardship plan and the contribution to achieving water stewardship outcomes shall be evaluated.</i>	✓ Yes
Comment	This information has been redacted for confidentiality reasons	
4.1.2	<i>Value creation resulting from the water stewardship plan shall be evaluated.</i>	✓ Yes
Comment	This information has been redacted for confidentiality reasons	
4.1.3	<i>The shared value benefits in the catchment shall be identified and where applicable, quantified.</i>	✓ Yes
Comment	This information has been redacted for confidentiality reasons	
4.2	<i>Evaluate the impacts of water-related emergency incidents (including extreme events), if any occurred, and determine the effectiveness of corrective and preventative measures.</i>	
4.2.1	<i>A written annual review and (where appropriate) root-cause analysis of the year's emergency incident(s) shall be prepared and the site's response to the incident(s) shall be evaluated and proposed preventative and corrective actions and mitigations against future incidents shall be identified.</i>	✓ Yes
Comment	This information has been redacted for confidentiality reasons	
4.3	<i>Evaluate stakeholders' consultation feedback regarding the site's water stewardship performance, including the effectiveness of the site's engagement process.</i>	
4.3.1	<i>Consultation efforts with stakeholders on the site's water stewardship performance shall be identified.</i>	Q Obs.
Comment	Information has been redacted for confidentiality reasons	
4.4	<i>Evaluate and update the site's water stewardship plan, incorporating the information obtained from the evaluation process in the context of continual improvement.</i>	
4.4.1	<i>The site's water stewardship plan shall be modified and adapted to incorporate any relevant information and lessons learned from the evaluations in this step and these changes shall be identified.</i>	✓ Yes
Comment	This information has been redacted for confidentiality reasons	

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5 STEP 5: COMMUNICATE & DISCLOSE - Communicate about water stewardship and disclose the site's stewardship efforts	
5.1	Disclose water-related internal governance of the site's management, including the positions of those accountable for legal compliance with water-related local laws and regulations.
5.1.1	The site's water-related internal governance, including positions of those accountable for compliance with water-related laws and regulations shall be disclosed. ✓ Yes
Comment	Information has been redacted for confidentiality reasons
5.2	Communicate the water stewardship plan with relevant stakeholders.
5.2.1	The water stewardship plan, including how the water stewardship plan contributes to AWS Standard outcomes, shall be communicated to relevant stakeholders. ✓ Yes
Comment	This information has been redacted for confidentiality reasons
5.3	Disclose annual site water stewardship summary, including: the relevant information about the site's annual water stewardship performance and results against the site's targets.
5.3.1	A summary of the site's water stewardship performance, including quantified performance against targets, shall be disclosed annually at a minimum. ✓ Yes
Comment	This information has been redacted for confidentiality reasons
5.4	Disclose efforts to collectively address shared water challenges, including: associated efforts to address the challenges; engagement with stakeholders; and co-ordination with public-sector agencies.
5.4.1	The site's shared water-related challenges and efforts made to address these challenges shall be disclosed. ✓ Yes
Comment	This information has been redacted for confidentiality reasons
5.4.2	Efforts made by the site to engage stakeholders and coordinate and support public-sector agencies shall be identified. ✓ Yes
Comment	This information has been redacted for confidentiality reasons
5.5	Communicate transparency in water-related compliance: make any site water-related compliance violations available upon request as well as any corrective actions the site has taken to prevent future occurrences.
5.5.1	Any site water-related compliance violations and associated corrections shall be disclosed. ✓ Yes
Comment	This information has been redacted for confidentiality reasons
5.5.2	Necessary corrective actions taken by the site to prevent future occurrences shall be disclosed if applicable. ✓ Yes
Comment	No corrective action to disclose.


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5.5.3	Any site water-related violation that may pose significant risk and threat to human or ecosystem health shall be immediately communicated to relevant public agencies and disclosed.	 Yes
Comment	Nothing to communicate.	

Previous Findings

All non-conformities raised in the previous audit have been satisfactorily closed.	 Yes
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