

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)



Audit Number: AO-001227

SITE DETAILS

Site: **RJRT - Tobaccoville**

Address: 7855 Doral Drive, 27050, Tobaccoville, North Carolina, UNITED STATES

Contact Person: Janae Wells

AWS Reference Number: AWS-000395

Site Structure: Single Site

CERTIFICATION DETAILS

Certification status: Certified Core

Date of certification decision: 2025-Jan-31

Validity of certificate: 2028-Jan-30

AUDIT DETAILS

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

Audit Type(s): Re-Certification Audit

Audit Start Date: 2024-Nov-12

Lead Auditor: Mark Carroll

Audit team participants:

Mark Carroll, Lead Auditor

Site Participants:

Allison Bush, Consultant

Billy Hunter, Utilities Manager

Janae Wells, Senior Manager EHS

Julian Olsen, Consultant

Matthew Paper, Consultant

Rae Minddock, Consultant

Scott Snow, Environmental Manager and NCI Coordinator

Gary Noble, Corporate Environmental & Sustainability

Daniel Tomabella, Corporate Sustainability

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ADDITIONAL INFO

Summary of Audit Findings: A total of 4 findings were raised during the certification audit, 0 major non-conformities, 3 minor non-conformities, 1 observation.

The Client is requested to perform a root cause analysis and define corrective actions for each of the non-conformities and to submit these to WSAS within 30 days of receipt of the audit report by 16 February 2025.

CLOSURE OF FINDINGS AND CORRECTIVE ACTION PLAN:

The Client has successfully resolved the major non-conformity and submitted the corrective action plan addressing all findings.
Proof of implementation has been requested for the Minors and this will be evaluated during the Surveillance Audit. The client is requested to upload evidence of implementation prior to the Surveillance Audit.
Minor non-conformities must be closed out by the time of the next annual audit.

The audit team recommends certification of RJRT - Tobaccoville at Core level pending approval of the corrective actions plan for the non-conformities.

Scope of Assessment: The scope of services covers the recertification audit for assessing conformity of RJRT Tobaccoville site against the AWS International Water Stewardship Standard Version 2. The geographical scope of the audit was the Tobaccoville Factory, located in Tobaccoville, North Carolina. The water is withdrawn from the Yadkin - Pee Dee river basin.

The audit was conducted onsite on November 12th-14th, 2024. The onsite site visit included the assessment of City's water tank, Water Hub, discharge flume, IWRA pond. pump stations steam plant. were visited and assessed as part of the audit.

FINDINGS

Observation	1
Minor	3

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FINDING DETAILS

Finding No: TNR-015607
Checklist Item No: 1.1.1
Status: In Progress - CA plan approved
Finding level: Minor
Due date: 2025-Nov-14
Checklist item: The physical scope of the site shall be mapped, considering the regulatory landscape and zone of stakeholder interests, including:
- 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: The site has not provided a map showing the onsite piping network.
Corrective action: Provide map again for review.
Evidence of implementation: Map with onsite piping network re-uploaded for review and closure.

Finding No: TNR-015608
Checklist Item No: 1.3.3
Status: In Progress - CA plan approved
Finding level: Minor
Due date: 2025-Nov-14
Checklist item: 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.
Findings: The site's Water Balance has not accounted for the evaporation from the Cooling Tower.
Corrective action: Worked with Technical Services to determine an equation that would provide cooling tower evaporation information.
Evidence of implementation: Email from internal Technical Services proving 2024 cooling tower evaporation totals.

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Audit Number: AO-001227

Finding No: TNR-015854
Checklist Item No: 1.6.1
Status: In Progress - CA plan approved
Finding level: Minor
Due date: 2025-Nov-14
Checklist item: Shared water challenges shall be identified and prioritized from the information gathered.
Findings: Identified shared water challenges are worded in a generic way, which does not make it clear what the actual challenges are in this catchment e.g. about IWRAs or water governance. This generic wording also does not fairly reflect the information gathered and analysed in step 1.
Corrective action: Information is provided in INTACT (1.2.1, 1.6.6 and 2.3.2) for SWCs, stakeholder and site relevance, prioritization, initiatives/actions, through goal performance, cost/benefit evaluation and value benefits.
Evidence of implementation: The information is provided in evidence submitted for 1.2.1 and 2.3.2. There are multiple sections in 2.3.2 which address SWCs – Worksheet 1, SWC, Risks, Opps; Worksheet 2 WSP and Worksheet 3 Evaluate. These documents have been resubmitted for your convenience.
o 1.6.1 Shared Water Challenges Info to Address Minor

Finding No: TNR-014288
Checklist Item No: 2.2.1
Status: Open
Finding level: Observation
Checklist item: The system to maintain compliance obligations for water and wastewater management shall be identified, including:
- Identification of responsible persons/positions within facility organizational structure
- Process for submissions to regulatory agencies.
Findings: The site has identified their compliance obligation for water and wastewater management. However, at the time of the audit, the information was not organized and could potentially lead to missed water obligations.
Corrective action: All water compliance obligations have been entered into the new Intalex software that emails alerts and past due reminders to ensure none are missed.
Evidence of implementation: Snapshot of compliance tasks in Intalex uploaded as evidence

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Report Details

Report	Value
Report prepared by	Mark Carroll
Report approved by	Gregorio Crespo
Report approved on (Date)	15/01/2025

Surveillance

Proposed date for next audit 2025-Nov-11	
Comment	This was the recertification audit. The next audit will be the first surveillance audit and should be planned accordingly

Stakeholder Announcements

Date of publication	Location
04/09/2024	Posting on X
04/09/2024	Stakeholder Email
04/09/2024	Reynolds Press Release
06/06/2024	https://a4ws.org/wp-content/uploads/2024/07/AWS-000395_RJRT-Tobaccoville_StakeholderAnnouncement_November-2024_V3.0.pdf
06/06/2024	https://watersas.org/wp-content/uploads/2024/08/AWS-000395_RJRT-Tobaccoville.pdf

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Catchment Information

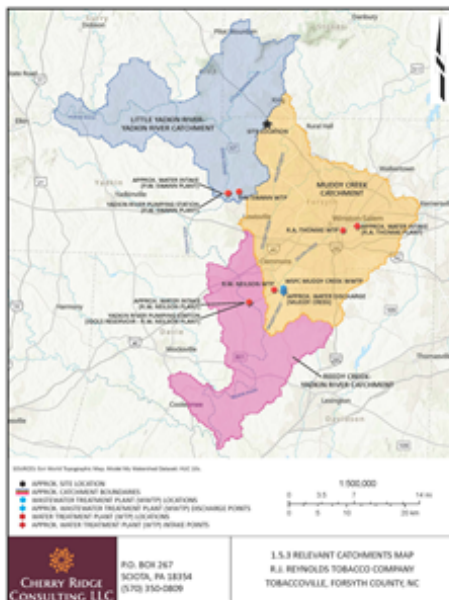
Catchment Information

The Yadkin River, part of the Yadkin-Pee Dee River Basin, serves as the main water source. The Yadkin River flows southward, joining the Pee Dee River before ultimately emptying into the Atlantic Ocean.

The basin's infrastructure includes Salem Lake, which serves as a dam for the city's drinking water resources. Several drinking water plants in the basin draw their supply from Salem Lake and the Yadkin-Pee Dee River Basin.

The sites catchment is 469 square miles and located within the Yadkin Pee-Dee River Basin:
Muddy Creek Catchment (HUC 03040101103)
Little Yadkin River – Yadkin River Catchment (HUC 0304010110) Reedy Creek – Yadkin River Catchment (HUC 0304010115)

The water sources, along with the related water treatment plants, wastewater treatment facilities, and discharge systems to the final receiving waters, are situated within the catchment area.



1.5.3 FIGURE Relevant Catchments Map.jpg

Comment

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Client Description and Site Details

Client/Site Background

The site has prepared drawings delineating its boundaries. The stormwater lines are indicated, including all the entry points, as well as the pond and the stormwater discharge sampling point. Barkers Creek, which flows through the site, is also marked.

The site has charted the on-site City Water tank, the City Water pipeline, the site's water receiving station, and metering stations, along with the Potable water line and Fire Water line pipelines. Additionally, a distinct map illustrates the effluent drain points across the site, the effluent sampling station at the Flume Station discharge point, and their connection to the city's network.

The facility has a water tank (2million Gallons) owned by the City, this serves as storage and water supply. The site does not have a wastewater treatment plant or any pretreatment facilities; however, the Water HUB project is expected to introduce pretreatment capabilities in 2025. Effluents are tested at a station before exiting the facility to ensure they meet regulatory parameters, including flow, solids, BOD, pH, metals, ammonia, arsenic, cadmium, copper, cyanide, and chromium, among others.

The site has a stormwater collection pond, map that shows all the stormwater system and the site a stormwater management plan. The stormwater flows into the Barkers Creek, which flows through the site and joins with the Parkers Creek, a tributary of Muddy Creek.



1.1.1 DRAWING RJRT Tobaccoville Buildings_Site Drainage Plan.jpg

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Summary of Shared Water Challenges

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The site has identified the following shared water challenges: Indicator 1.6.1:

Water Quality

Continued protection of watershed water quality

Need for sustainable agricultural production

Water Quantity

Urbanization/population resulting in lowered regional water availability

Need for sustainable agricultural production

IWRA

Protection of Environment & Water Quality

WASH

Organization to adhere to best practices to protect water quality & recreational use

Governance

Protection of Environment & Water Quality

Supporting the Protection of Environment & Water Quality

Comment

Summary of Shared Water Challenges

The site has identified the following shared water challenges: Indicator 1.6.1:

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0.1 General Requirements for Single Sites, Multi-Sites and Groups	
0.1.1	<i>Eligibility Criteria</i>
0.1.2	
0.1.2.1	<p><i>Have any water source locations and water-related discharge locations been visited during the audit, if so, which and where? If none were visited please provide justification.</i></p> <p>Comment Refer to 1.1.1 FIGURE RJRT Tobaccoville Site Features Map for discharge locations, photographic evidence included.</p>
0.1.1.1	<p><i>The site(s) occupy one catchment OR an exception has been granted.</i></p> <p>Comment The site is located on a single catchment.</p>
0.1.1.2	<p><i>The scope of the proposed certification shall be under the control of a single management system.</i></p> <p>Comment The site is controlled under a single management system .</p>
0.1.1.3	<p><i>The scope of the proposed certification shall be homogeneous with respect to primary production system, water management, product or service range, and the main market structures.</i></p> <p>Comment The site and scope are homogeneous regarding the primary production system, water management and structures.</p>

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1 STEP 1: GATHER AND UNDERSTAND

1.1 *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.*

1.1.1 *The physical scope of the site shall be mapped, considering the regulatory landscape and zone of stakeholder interests, including:*

- 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.

 in progress

Comment The site has identified and mapped its physical scope. The on-site City Water Tank is utilized for storage of provided potable water from the Winston-Salem/Forsyth County (WSFC) Utilities. The Reynolds Tobaccoville Catchment (469.1 square miles) is within the Yadkin Pee-Dee River Basin, defined as: Muddy Creek Catchment (HUC 03040101103) Little Yadkin River – Yadkin River Catchment (HUC 0304010110) Reedy Creek – Yadkin River Catchment (HUC 0304010115)

These are adjacent catchments. The sources of water, associated water treatment plants, wastewater treatment plant, and discharge facility to the receiving water are all located within the catchment.

Evidence:

1.1.1 DRAWING RJRT Tobaccoville Buildings_Site Drainage Plan
1.1.1 FIGURE RJRT Tobaccoville Site Features Map
1.5.3 FIGURE Relevant Catchments Map
1.1.1 DRAWING RJRT Tobaccoville Site Drainage Plan
1.1.1 DRAWING Tobaccoville Sanitary_Process Sewer Index
1.3.2 TVL General Process Flow
1.3.2 TVL Water Flow Meters





Finding No: TNR-015607

1.2 *Understand relevant stakeholders, their water related challenges, and the site's ability to influence beyond its boundaries.*

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1.2.1	<p><i>Stakeholders and their water-related challenges shall be identified. The process used for stakeholder identification shall be identified. This process shall:</i></p> <ul style="list-style-type: none"> <i>- Inclusively cover all relevant stakeholder groups including vulnerable, women, minority, and Indigenous people;</i> <i>- Consider the physical scope identified, including stakeholders, representative of the site's ultimate water source and ultimate receiving water body or bodies;</i> <i>- Provide evidence of stakeholder consultation on water-related interests and challenges;</i> <i>- Note that the ability and/or willingness of stakeholders to participate may vary across the relevant stakeholder groups;</i> <i>- Identify the degree of stakeholder engagement based on their level of interest and influence.</i> 	 Yes
Comment	<p>The site has identified stakeholders and their water-related challenges, the site did not identify any vulnerable groups, women, minority, or indigenous peoples within the catchment. The degree of stakeholder engagement based on their level of interest and influence has been identified.</p> <p>Evidence: 1.2.1 Stakeholder Mapping 1.2.1 June 2024 SWC Email to Stakeholders & Combined Response</p>	
1.2.2	<p><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></p>	 Yes
Comment	<p>The site has developed a stakeholder map, categorizing stakeholders by their location and type, including industry, recreation, agriculture, wildlife, water providers, and treatment facilities. Additionally, the site has documented the water-related challenges and concerns of these stakeholders. Stakeholders are evaluating on an annual basis.</p> <p>Evidence: Stakeholder Mapping .</p> <p>Evidence: 1.2.1 June 2024 SWC Email to Stakeholders & Combined Response. 1.2.1 Stakeholder_Mapping</p>	
1.3	<p><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></p>	
1.3.1	<p><i>Existing water-related incident response plans shall be identified.</i></p>	 Yes
Comment	<p>The site has identified these water-related response plans</p> <p>Evidence: 1.3.1 2021 SWPPP Tobaccoville rev_091521 1.3.1 2022 TVL IUP Permit #3001 (Effective 7-1-22 to 6-30-27) 1.3.1 Forsyth County Water Quality Program Information 1.3.1 NCG060000-General-Permit-20210630-DEMLR-SW 1.3.1 NCG060079_Renewal COC_20210701 1.3.1 TVL SPCC Plan_090121</p>	
1.3.2	<p><i>Site water balance, including inflows, losses, storage, and outflows shall be identified and mapped</i></p>	 Yes

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Comment The site has identified and mapped in a schematic diagram its inflows, losses, storage and outflows

Evidence:

1.3.2 TVL Site Water Balance Narrative
1.3.2 TVL General Process Flow (Diagram)
1.3.2 TVL Water Flow Meters
1.3.2 GIA - Detailed Summary Water
1.3.2 OPS.P - KPI Analytics
1.3.2 Water Intensity

1.3.3 *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.*

 in progress

Comment The site water balance has been quantified. The site presented monthly water supply and wastewater data showing annual variances. Water, wastewater and production water can be tracked in real-time.

Evidence submitted in 1.3.2

1.3.2 1.3.3 Water Working Sheet: Columns: (B: Incoming, C: Discharge & N: Recycled)
3.3.1 GIA - Recalibrated Detailed Summary Water_CC_EDP 2.0
3.3.1 GIA - Executive Summary
3.3.1 OPS.P - KPI Details Annual Variance

Finding No: TNR-015608

1.3.4 *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.*

 Yes

Comment Water quality of the site's water source has been quantified including physical and chemical parameters, Q1 2024 TVL Pace Analytical Report 92717455_frc (1). The sites water is supplied by the Winston-Salem / Forsyth county Utilities Agency which provides a yearly Water Quality Report, 2023 Water Quality Report-WSFC Utilities. The Agency reported there were no violations or alerts related to water quality, EPA SDWIS Report_WSFC Drinking Water System.

Evidence:

1.3.4 Site Water Quality Narrative
1.3.4 2023 TVL IUP Award
1.3.4 2023 Water Quality Report-WSFC Utilities
1.3.4 EPA SDWIS Report_WSFC Drinking Water System
1.3.4 Salem Lake - RA Thomas Waterbody Report
1.3.4 Yadkin River - PW Swann Waterbody Report
1.3.4 Yadkin River - RW Neilson Waterbody Report
1.3.4 Muddy Creek Waterbody Report
1.3.4 Q1 2024 TVL Pace Analytical Report 92717455_frc (1)
1.3.4 Q4 Report_NCG060079_Ver_1.0_11_2023





1.3.5 *Potential sources of pollution shall be identified and if applicable, mapped, including chemicals used or stored on site.*

 Yes

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Comment	The site has identified and mapped potential pollution sources, encompassing chemical and fuel storage areas. The Permit Application identifies and maps all potential sources of pollution onsite. Additionally, spill prevention kits are located throughout the site.	
	1.3.5 2017 IUP Permit Renewal Application TVL SPCC Map1.3.1 TVL SPCC Plan_090121-submitted in 1.3.1.	
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	The site has identified and provided description on onsite IWRA's. There were no Indigenous group or cultural values identified; this was confirmed by stakeholders. Evidence: 1.3.6 NC-Tribal-and-Urban-Communities-Map-2020 1.3.6 Onsite_IWRAs Narrative with Status 1.3.6 FIGURE Onsite IWRAs Map	
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>	 Yes
Comment	The site has identified and quantified the water-related costs associated with its operations, as well as described and quantified the social and economic value, including monetary donations to stakeholders, consulting, permitting and utility costs. The site does not generate water-related revenues. Evidence: 1.3.7 Water Related Costs Spreadsheet TVL	
1.3.8	<i>Levels of access and adequacy of WASH at the site shall be identified.</i>	 Yes
Comment	The site completed a self-assessment tool to evaluate Water, Sanitation, and Hygiene (WASH) access in the workplace. The site provided quantification map which includes drinking fountains, restrooms, showers, emergency showers, and emergency eyewash stations for each building. Evidence: 1.3.8 Total Water Closet Counts 1.3.8 TVILLE FIRST FLOOR_Toilet Counts by Washroom 1.3.8 TVL OSHA WASH with onsite data	
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	The site has identified embedded water primary inputs. The site is sourcing some of its tobacco from within the catchment. Evidence: 1.4 EmbeddedWater_TV 1.4.1 Sustainability Engagement Kick-Off Mar_21 v1.0 1.4.1 Sustainability Kick-Off Questionnaire v2.0	

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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	<p>The site has accounted for the water used in cafeteria food within the outsourced water usage: cardboard falls below the 5% threshold and is not accounted for. All other services are outside of the catchment.</p> <p>Submitted in 1.4.1</p>	
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
Comment	<p>The site has identified the following water governance initiatives:</p> <ul style="list-style-type: none"> -Keeping Industrial Pollutants Out of the Nation's Waters -Reducing Risks of Accidental Releases at Industrial and Chemical Facilities -Cutting Hazardous Air Pollutants -Reducing Air Pollution from the Largest Sources -Ensuring Energy Extraction Activities Comply with Environmental Laws -Keeping Raw Sewage and Contaminated Stormwater Out of the Nation's Waters -Preventing Animal Waste from Contaminating Surface and Ground Water <p>Evidence:</p> <p>1.5.1 Water_Governance</p> <p>1.5.1 RJRT-TVL Enviro Aspects-Impacts_Sept-2024</p> <p>1.5.1 Winston Salem Forsyth 2022-2025 Strategic Plan</p>	
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	<p>The site has identified the following legal and regulatory requirements related to water: The site Water Governance document outlines the federal and state requirements for water governance.</p> <p>Evidence submitted in 1.3.1 & 1.5.1</p> <p>1.5.1 Water_Governance</p> <p>1.5.1 RJRT-TVL Enviro Aspects-Impacts_Sept-2024</p> <p>1.3.1 2022 TVL IUP Permit #300 (Effective 7-1-22 to 6-30-27) (Industrial WW Permit, current)</p> <p>1.3.1 NCG060000-General Permit-20210630-DEMLR-SW (NPDES Permit, current)</p> <p>1.3.1 NCG060079_Renewal COC_20210701 (NPDES Renewal)</p> <p>1.3.1 TVL SPCC Plan_090121</p> <p>1.3.1 2021 SWPP Tobaccoville rev_091521</p>	
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>	 Yes

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Comment The site has quantified the water balance within the catchment in the Tobaccoville-Catchment Water Balance including:
-Precipitation
-Point Source Flow
-Evapotranspiration
-Surface Runoff
-Subsurface Flow

Evidence:
1.5.3 RJRT Tobaccoville_Catchment_Water_Balance
1.5.3 FIGURE Relevant Catchments Map
1.5.3 RE_[External] Request for Access to Yadkin Pee-Dee & Lumber model
Yadkin-Pee-Dee-Lumber-Data-Collection (Feb 2021 Data Report)
1.5.3 Data Collection Report_YPD_Lumber River Basins 2021 (older report but has still relevant data)
1.5.3 YPD New OASIS Model Server Connection

1.5.4 *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.*


Yes

Comment The water quality of the catchment area has been identified, including physical, biological, and chemical parameters.

Evidence for water quality of the site's water source is detailed in the Water Quality Report-WSFC Utilities and the SWAP Report for Winston-Salem.

Evidence:
1.5.4 Catchment Water Quality Narrative
1.5.4 SWAP Report for WINSTON-SALEM, CITY OF
1.3.4 2023 Water Quality Report-WSFC Utilities
1.3.4 EPA SDWIS Report_WSFC Drinking Water System
1.3.4 Salem Lake - RA Thomas Waterbody Report
1.3.4 Yadkin River - PW Swann Waterbody Report
1.3.4 Yadkin River - RW Neilson Waterbody Report
1.3.4 Muddy Creek Waterbody Report

1.5.5 *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.*


Yes

Comment The site has identified the location and status of the catchment IWRA's in the Catchment IWRA Status and indicates the stakeholder's involvement; IWRA Importance.

Evidence:
1.5.5 Catchment IWRA Status
1.5.5 FIGURE Catchment IWRA Locations Map

1.5.6 *Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events.*


Yes

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Comment The site has identified existing water-related infrastructure in the catchment, including its condition, Future Planning, Climate Change Water Impact & Resilience Planning.

Evidence:

1.5.6 Water Related Infrastructure Narrative
1.5.6 2020-Climate-Risk-Assessment-and-Resilience-Plan
1.5.6 City of Winston-Salem - Sewer Use Resolution
1.5.6 Future Water Resources Planning Scenarios_YPD WMG_2020
1.5.6 NC-Climate-Science-Report_Plain_Language_Summary_Final_Sept2020
1.5.6 NorthCarolina-StateClimateSummary2022
1.5.6 City of Winston-Salem Wastewater Treatment System
1.5.6 City of Winston-Salem Water Treatment System

1.5.7 *The adequacy of available WASH services within the catchment shall be identified.*


Yes

Comment WASH in the catchment has not been identified as a challenge nor be a problem, this was confirmed during the stakeholder interviews, all locations in the catchment have access to water and sanitary.

Evidence:

1.5.7 Adequacy of WASH Services in Catchment Summary
1.5.7 Aqueduct Water Risk Map

1.6 *Understand current and future shared water challenges in the catchment, by linking the water challenges identified by stakeholders with the site's water challenges.*

1.6.1 *Shared water challenges shall be identified and prioritized from the information gathered.*


No

Comment The site has identified the following shared water challenges, these challenges were identified and prioritized with stakeholder.
The site has identified the following shared water challenges: Water quality, quantity, IWRAs, WASH and Governance.

Evidence:

2.3.2_TVL_Extended WSP and Evaluate: Section 1.6.1

Finding No: TNR-015854

1.6.2 *Initiatives to address shared water challenges shall be identified.*


Yes

Comment The site has identified initiatives to address the shared water challenges. Including water initiatives with farmers around irrigation.

Submitted:

2.3.2_TVL_Extended WSP and Evaluate: section 1.6.2 - Initiatives

1.7 *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.*

1.7.1 *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.*


Yes

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Comment	The site has identified and prioritized water risk, taking into account the likelihood and severity of impact within a specified timeframe, as well as potential costs and business implications.	
	Evidence: 2.3.2 Section: 1.7.1 - Site Water Risks	
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>	Yes
Comment	The site has identified and prioritized water-related opportunities. Evaluating recycling and rainwater harvesting water use practices to reduce municipal infrastructural use load & Improve water quality and watershed stewardship	
	Evidence: 2.3.2 TVL_Extended WSP and Evaluate section 1.7.2 - Initiatives 5.4.2 ECT-Overview Sust Week 5.4.2 ECT-External Stakeholder Sust Week 5.4.2 ECT-Internal Stakeholder April Mtg	
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	The site has identified the catchments best practices for water governance. -Actively working with watershed authorities, including site water and wastewater utility supplier -Active member of the Stakeholder Advisory Board of the Yadkin Pee-Dee Water Management Group and Integrated Water Resources Plan for High Rock Lake Watershed working group -The Water Management Group has developed the Water Resources Plan to continually drive state regulations toward better watershed management, particularly as it related to quality	
	Evidence: 1.8 TVL Best Practices	
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>	Yes
Comment	The site identified the following relevant sector/catchment best practices for water balance: Site utilizes CR360 company-wide to monitor how water is used, intensity of use, total water recycled, and total water discharged to inform decisions on water stewardship initiatives at each facility Submitted in 1.8.1	
1.8.3	<i>Relevant sector and/or catchment best practice for water quality shall be identified, including rationale for data source.</i>	Yes

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Comment The site identified the following as relevant sector and/or catchment best practices for water quality.

The condensate from onsite boilers utilized in the production process is recycled and employed as make-up water for the boilers, thereby eliminating the need for wastewater disposal. The site is employing alternative treatment systems can fully or partially treat wastewater, offering benefits such as reduced energy consumption, decreased water usage, and the creation of green spaces.

The new WaterHub is currently under construction at the site will be a large-scale water reclamation/recycling facility that will serve to reduce the sites wastewater and potable water use by up to 60million gallons per year.

Submitted in 1.8.1

1.8.4 *Relevant catchment best practice for site maintenance of Important Water-Related Areas shall be identified.*



Yes

Comment The site identified the following catchment best practice for catchment maintenance of Important Water-Related Areas:.

-Buffer zones are preserved next to Barkers Creek and the onsite retention pond (IWRAs) at the Tobaccoville Facility. Additionally, the site has planted more trees to strengthen these buffer zones and enhance the overland flow of stormwater towards Barkers Creek.

-Implement a consistent monitoring program to track any changes or effects on an IWRA.

-Support a project in collaboration with an NGO to restore and enhance an IWRA.

-The site pledges to conduct three river clean-ups each year as part of the "Keep Winston-Salem Beautiful" initiative, a local non-governmental organization.

Evidence:

1.8 Best Practices: 1.8.4 - Relevant catchment best practice for site maintenance of Important Water-Related Areas shall be identified

1.8.5 *Relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services shall be identified.*



Yes

Comment The site has outlined the following sector and catchment best practices for the provision of equitable and adequate WASH:

Drinking water is accessible in employee break rooms and the cafeteria. Additionally, during periods of hot weather, measures are taken in production areas to guarantee employees remain adequately hydrated.




The facility offers high-quality separate restrooms for men and women, gender-specific showers within the LiveWell Fitness Center, complimentary feminine hygiene products, and private accommodations for nursing mothers.

Evidence submitted in 1.8.4.-1.8.5 - Relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services shall be identified

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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	A signed site commitment to water stewardship by the Site Manager has been identified. This commitment is posted at the publicly accessible website. Evidence :2.1.1 Signed Environment Policy w Supplement (1)	
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. 	 Obs.
Comment	The site provided a spreadsheet detailing all water-related compliance obligations. It specifies the obligations, assigns responsible individuals, and describes the procedure for reporting to regulatory bodies. For detailed information on the Spill Prevention, Control, and Countermeasure Plan (SPCC), please see indicator 1.3.1. 2.2.1 EH&S_Roadmap_20240617 (Internal water management program.)	
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	The site has outlined a water strategy that encompasses its mission, vision, and objectives. Evidence: 2.3.1 BAT EHS Standard C11-Group Water Standard	

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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	<p>The site has presented its Water Stewardship Plan including targets that are linked with the AWS outcomes.</p> <p>For each target the plan includes:</p> <ul style="list-style-type: none">Description of identified SWCTargetAction(s)MetricsMeasurement/Monitoring SystemsAnticipated Cost to Implement (Budget)Anticipated Start Date <p>Evidence: 2.3.2 TVL Extended WSP</p>	
2.4	<i>Demonstrate the site's responsiveness and resilience to respond to water risks</i>	
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>	 Yes
Comment	<p>The site has developed plans, in coordination with the relevant public sector, to mitigate and adapt to water risks that aligns with indicator 1.7.1.</p> <p>The Business Continuity Plan covers all facility failure scenarios, water interruptions, power failure, community response etc.</p> <p>Evidence:</p> <ul style="list-style-type: none">2.4.1 Communication with WSFC Utility2.4.1 Winston-Salem, NC Water and Sewerage System Policy Resolutions (Water Conservation Policy) Water Conservation pg 44.2.4.1 CONFIDENTIAL_RJRT_BCP_Tville_2021_08_29_V4.2 (Business Continuity Plan)	

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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	<p>The site supports effective catchment governance through their support and participation with the YPDWMG Stakeholder Advisory Committee.</p> <p>Their activities include:</p> <p>Baseline water use Baseline water modifications to incorporate historic temperature and precipitation trends over time Future intensified drought due to global carbon emissions Increased population Modified W. Kerr Scott operations Reduced storage due to sedimentation</p> <p>Evidence:</p> <p>3.1.1 Community Giving Program 3.1.1 Community Outreach Days Policy 3.1.1 FutureWaterResourcesPlanningScenarios_YPDWMG 3.1.1 KWSB Stream Adoption Info 3.1.1 Mill Creek Cleanups 3.1.1 YPDWMG Stakeholder Advisory Committee Meeting #8 3.1.1 YPDWMG_SACUpdate_2023.03.21</p>	
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	<p>The site has stated: There are no non-regulatory water rights to consider. The site has confirmed they do not infringe on indigenous communities' water rights, NC-Tribal-and-Urban-Communities-Map-2020. No water rights were beyond the legal and regulatory requirements were identified in the stakeholders' interviews.</p> <p>Evidence:</p> <p>1.3.6 NC-Tribal-and-Urban-Communities-Map-2020 Stakeholder Interviews</p>	
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	<p>Refer to evidence provided for indicator 2.3.1 & 1.5.1, confirms full legal and regulatory compliance has been implemented.</p> <p>Evidence: 3.2.1 EF-02A RJRT Env Legal and Other Requirements (09-18-2024)</p> <p>Submitted in:</p> <p>1.5.1 RJRT-TVL Enviro Aspects-Impacts_Sept-2024 2.3.1 BAT EHS Standard C11-Group Water Standard</p>	

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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	<p>The site does not have water rights as part of its legal and regulatory requirements.</p> <p>Evidence: 1.3.6 NC-Tribal-and-Urban-Communities-Map-2020</p>	
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	<p>Progress towards achieving water balance targets has been identified. The site contributes to sustainable water balance through: Reynolds WaterHub Fact Sheet & the SEAL Business Sustainability Award document gives a summary of the achieving water balance targets at the site.</p> <p>Evidence:</p> <p>3.3.1 Reynolds WaterHub Fact Sheet 3.3.1 GIA Executive Summary 3.3.1 2024 Tville water_Example (Live data viewed during the audit) Internal water metering system. 3.3.1 Utility Expenditures-for updating their water balance targets. 3.9.3 Reynolds Named Recipient of SEAL Business Sustainability Award</p>	
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	<p>The site nor their stakeholders have identified Water scarcity as a Shared Wate Challenge.</p>	
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	<p>The site does not have a legally binding document for the reallocation of water to meet social, cultural, and environmental needs.</p>	
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	<p>There are no specific targets for improvement of wastewater, as they are well below the threshold of the parameters for effluents pre-treatment and stormwater. Below are programs to improve overall stormwater runoff.</p> <p>-Improve water runoff.</p> <p>Evidence:</p> <p>3.4.1 Pollinator Garden Photos 3.5.1 2023 Tree Planting Information Submitted: 1.3.4 2023 TVL IUP Award (Award of Excellence for perfect pretreatment record 2023). Water Quality targets on the Wastewater.</p>	
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

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Comment Water quality of the site's water source has been quantified including physical and chemical parameters. The site supplied a water quality award for ongoing excellent effluent water quality. There were no reported water quality violations during the 2023-24 reporting period.

Evidence:
3.4.2 2023 TVL Stormwater Annual Summary
Submitted in 1.3.4

3.5 *Implement plan to maintain or improve the site's and/or catchment's Important Water-Related Areas.*

3.5.1 *Practices set in the water stewardship plan to maintain and/or enhance the site's Important Water-Related Areas shall be implemented.*



Yes

Comment The site is supporting catchment IWRAs with the following initiatives: The ROC Biodiversity Action Plan August 2024 document details initiative to enhance IWRAs within the catchment. The Yadkin Riverkeeper Business Sponsorship demonstrates support for the stakeholders involved in improving IWRAs.

Evidence:
3.5.1 2023 Tree Planting Information
3.5.1 FW_YRK Sponsorship Proposal
3.5.1 ROC Biodiversity Action Plan August 2024_DRAFT

3.6 *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.*

3.6.1 *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.*



Yes

Comment The site's has adequate access to safe drinking water, effective sanitation, and feminine hygiene (WASH), ice for all workers onsite has been identified and quantified. Potable water, flushable toilets, and showers are available for use on-site, as confirmed during the on-site tour.

Evidence: 3.6.1 HR Policy Handbook.pg 39: Mothering Room, onsite showers.

Submitted: 1.3.4 2023 Water Quality Report-WSFC Utilities-final

1.3.8 OSHA WASH with onsite data (document created with site data for water closets and employee counts)
1.3.8 Total Water Closet Counts (totals without specification of mens or womens restroom)
1.3.8 TVILLE FIRST FLOOR_Toilet Counts by Washroom (totals on facility plan per washroom with legend; men v. women)
1.3.8 TVILLE SECOND FLOOR_Toilet Counts by Washroom (totals on facility plan per washroom with legend; men v. women)

3.6.2 *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.*



Yes

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Comment The site does not extract water directly from natural sources nor does it release wastewater straight into them. The site does not infringe on the community's right to clean water and sanitation. Environmental justice screening tool in ECHO, no issues.

Evidence:
5.5.3 EPA EJScreen Community Report 09.16.2024

Submitted:
1.3.1 Forsyth County Water Quality Program Information (2024)
1.3.4 2023 TVL IUP Award (Award of Excellence for perfect pretreatment record 2023)
1.3.6 Onsite IWRA's Narrative with Status (narrative describes lack of indigenous communities in Forsyth County)
1.3.6 NC-Tribal-and-Urban-Communities-Map-2020
1.5.1 Water Governance
5.5.3 EPA EJScreen Community Report 09.16.2024

3.7 *Implement plan to maintain or improve indirect water use within the catchment:*

3.7.1 *Evidence that indirect water use targets set in the water stewardship plan, as applicable, have been met shall be quantified.*


Yes

Comment The site sends out GAP self-Assessment to farmers annually regarding their water stewardship plans. However, there are no targets of indirect water use in the WSP.

Evidence:
3.7.1 3.7.2 Indirect Water Targets and Engagement_TVL
3.7.1 GAP Self Assessment

3.7.2 *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.*


Yes

Comment The site has identified and engaged with service providers within the catchment.

Evidence:
3.7.2 Internal Stakeholder Correspondence RE_ Suppliers

Submitted in: 3.7.1 3.7.2 Indirect Water Targets and Engagement_TVL

3.8 *Implement plan to engage with and notify the owners of any shared water-related infrastructure of any concerns the site may have.*

3.8.1 *Evidence of engagement, and the key messages relayed with confirmation of receipt, shall be identified.*


Yes

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Comment The site has engaged with the owners of the following shared water-related infrastructure.
Evidence submitted in :

2.4.1 Communication with WSFC Utility
2.4.1 Winston-Salem, NC Water and Sewerage System Policy Resolutions (Water Conservation Policy)
2.4.1 CONFIDENTIAL_RJRT_BCP_Tville_2021_08_29_V4.2 (Business Continuity Plan)

1.5.6 Water Related Infrastructure Narrative
1.5.6 2020-Climate-Risk-Assessment-and-Resilience-Plan
1.5.6 City of Winston-Salem - Sewer Use Resolution
1.5.6 Future Water Resources Planning Scenarios_YPD WMG_2020
1.5.6 NorthCarolina-StateClimateSummary2022
1.5.6 FW_ Exercise Exercise Exercise_ NCEM EPCRA Division

3.9 *Implement actions to achieve best practice towards AWS outcomes: continually improve towards achieving sectoral best practice having a local/catchment, regional, or national relevance.*

3.9.1 *Actions towards achieving best practice, related to water governance, as applicable, shall be implemented.*



Yes

Comment The best practice for catchment water governance involves multi-stakeholder participation in water-related initiatives. The actions taken to achieve this best practice are detailed in the Sustainability Summary.

Evidence:
3.9.1 Reynolds_Sustainability-2023-Summary, pg 40
Submitted in:
1.8 TVL Best Practices
3.1.1 YPDWMG Stakeholder Advisory Committee Meeting #8
3.1.1 YPDWMG_SACUpdate_2023.03.21

3.9.2 *Actions towards achieving best practice, related to targets in terms of water balance shall be implemented.*



Yes

Comment The site has implemented actions toward achieving best practices related to targets in water balance.

Evidence submitted in:
1.8 TVL Best Practices
1.3.2 OPS.P - KPI Analytics (CURRENT DATA TO BE SHOWN LIVE DURING AUDIT)
1.3.2 Water Intensity (CURRENT DATA TO BE SHOWN LIVE DURING AUDIT)
1.3.2 GIA - Detailed Summary Water (CURRENT DATA TO BE SHOWN LIVE DURING AUDIT)

3.9.3 Reynolds Named Recipient of SEAL Business Sustainability Award

3.9.3 *Actions towards achieving best practice, related to targets in terms of water quality shall be implemented.*



Yes

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Comment BAT Global's rating criteria encompass system design, water treatment, maintenance, social water usage, process water, utility water, and discharge water.

Evidence submitted in:

3.9.3 Reynolds Named Recipient of SEAL Business Sustainability Award

1.3.4 2023 TVL IUP Award (Award of Excellence for perfect pretreatment record 2023)

3.1.1 KWSB Stream Adoption Info

3.1.1 Mill Creek Cleanups

3.1.1 YPDWMG Stakeholder Advisory Committee Meeting #8

3.1.1 YPDWMG_SACUpdate_2023.03.21

3.7.1 GAP Self Assessment

3.9.4 *Actions towards achieving best practice, related to targets in terms of the site's maintenance of Important Water-Related Areas shall be implemented.*



Yes

Comment The site supports catchment (IWRAs) through the following programs:

Evidence:

Clean up Event: US Hub site for list of events.

Evidence submitted in:

1.8 TVL Best Practices

3.4.1 Pollinator Garden Photos

3.5.1 2023 Tree Planting Information

1.3.1 2021 SWPP Tobaccoville rev_091521 Completed.: Quarterly inspection form

3.9.5 *Actions towards achieving best practice related to targets in terms of WASH shall be implemented.*



Yes

Comment The site has adopted the recommended best practices for providing equitable and adequate WASH, and a self-assessment of WASH conducted during the last audit revealed no issues.

Evidence submitted in:

1.8 TVL Best Practices

1.3.8 TVL OSHA WASH with onsite data (document created with site data for water closets and employee counts)

5.5.3 EPA EJScreen Community Report 09.16.2024

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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	<p>The site's performance in relation to the targets set out in its water stewardship plan has been assessed, along with its contributions towards achieving water stewardship outcomes have been identified. The Water Stewardship Plan for the site includes: a list of metrics used to evaluate each item, a record of performance against the targets, an assessment of progress, and a connection to water stewardship outcomes.</p> <p>Evidence Submitted in: 2.3.2_TVL_Extended WSP and Evaluate: 4.4.1 Tab 4.1.1 Stewardship Plan Performance</p>
4.1.2	<i>Value creation resulting from the water stewardship plan shall be evaluated.</i> ✓ Yes
Comment	<p>The value creation resulting from the site's water stewardship plan has been assessed.</p> <p>Evidence Submitted in: 2.3.2_TVL_Extended WSP and Evaluate: 4.4.1 Tab 4.1.1 Stewardship Plan Performance</p>
4.1.3	<i>The shared value benefits in the catchment shall be identified and where applicable, quantified.</i> ✓ Yes
Comment	<p>The sites shared value benefits in the catchment have been identified.</p> <p>Evidence Submitted in: 2.3.2_TVL_Extended WSP and Evaluate: 4.4.1 Tab 4.1.1 Stewardship Plan Performance</p>
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	<p>The site has not experienced any water-related emergency incidents in the last year. Confirmed during stakeholder interviews.</p> <p>Evidence submitted in: 5.5.3 Detailed Facility Report_ECHO_US EPA ROC 09.16.2024 4.2.1 Annual Emergency Incident Evaluation</p>
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> ✓ Yes

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Comment The site has developed "Email to Stakeholders & Combined Response" and is sent on an annual basis. The email includes a description of the site's water stewardship objectives and performance.

The site has conducted meetings with various stakeholders to discuss water usage, the discharge of water, common water-related challenges, opportunities for initiatives, and the site's water management strategy.

Evidence:

4.3.1 Call Notes_10.7.2024_Edgar Miller

1.2.1 Stakeholder Mapping (general type of stakeholder, influence and SWCs mapped)
1.2.1 June 2024 SWC Email to Stakeholders & Combined Response

4.4 Evaluate and update the site's water stewardship plan, incorporating the information obtained from the evaluation process in the context of continual improvement.

4.4.1 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.

Yes

Comment During the on-site audit the changes of previous Water Stewardship Plans were shown, and the site has made changes to the current plan. The site's water stewardship plan has been updated as part of the recertification process. The plan will be updated throughout the year.

Evidence submitted in Indicator: 2.3.2_TVL_Extended WSP and Evaluate

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5STEP 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.
Comment	<p>The AWS Tobaccoville - Disclosure Email and presentation has a section on who is responsible for the different aspects of delivering the AWS scheme. The Environmental Team is responsible for ensuring compliance with water-related laws and regulations.</p> <p>Water-related issues at the site are managed by a comprehensive system, which encompasses permit limits and guidelines for stormwater and wastewater. Detailed internal plans, such as the Stormwater Pollution Prevention Plan (SWPPP) and the Spill Prevention Control and Countermeasure (SPCC), offer specific instructions for preventing water-related issues and outline steps to be taken in the event they arise. To further ensure compliance, regulatory action items are systematically tracked in a database with assigned frequencies.</p> <p>Evidence:</p> <p>5.1 AWS Annual Disclosure - RJ Reynolds Tobacco Co. Tobaccoville Location Email</p> <p>5.1 AWS Tobaccoville - Disclosure UPDATE 2024: Water Related Internal Governance-Hierarchy pg 8</p> <p>5.1 Reynolds_Tobaccoville_AWS Update October 2024</p>
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.
Comment	<p>The AWS Annual Disclosure emails, detailing the five AWS outcomes along with the site's water stewardship goals and progress, have been distributed to all pertinent stakeholders as a component of the AWS procedure.</p> <p>Evidence submitted in:</p> <p>5.1 AWS Annual Disclosure - RJ Reynolds Tobacco Co. Tobaccoville Location Email</p> <p>5.1 AWS Tobaccoville - Disclosure UPDATE 2024: Water Related Internal Governance-Annual Site Water Stewardship Summary pg 11-12</p> <p>5.1 Reynolds_Tobaccoville_AWS Update October 2024</p>
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.

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Comment The AWS Annual Disclosure emails have been distributed to the stakeholders. The emails provide a summary of the site's water stewardship results, detailing quantified achievements in relation to set targets.

Evidence submitted in 5.1.1

5.1 AWS Tobaccoville - Disclosure UPDATE 2024

5.1 Reynolds_Tobaccoville_AWS Update October 2024

5.1 AWS Annual Disclosure - RJ Reynolds Tobacco Co. Tobaccoville Location Email

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 AWS Annual Disclosure - RJ Reynolds Tobacco Co. Tobaccoville Location Email have been sent to catchment stakeholders as part of the AWS process. The emails detail the shared water challenges of the site and the initiatives undertaken to address them.

Evidence submitted in:

5.1 AWS Tobaccoville - Disclosure UPDATE 2024

5.1 Reynolds_Tobaccoville_AWS Update October 2024

5.1 AWS Annual Disclosure - RJ Reynolds Tobacco Co. Tobaccoville Location Email

Shared Water Challenges Include:

Urbanization/Population Growth & Resulting Increased Water Demand

Protection of Environment, Water Quality, and Biodiversity

Climate Change

Sustainable Agricultural Production

Protection of Water Quality for Recreational Use

Actions Taken Include:

Aggressive target established for all Reynolds American manufacturing facilities to be Alliance for Water Stewardship (AWS) Certified by 2025

Aggressive target established to decrease water usage by 35% by 2025

Aggressive target established to increase amount of water recycled to 30% by 2025

Ensure the farmers used for tobacco production abide by Good Agricultural Practices (GAP)

Regulatory compliance remains a top priority

Promote Good Water Stewardship by actively participating in catchment-level initiatives in local communities

5.4.2 *Efforts made by the site to engage stakeholders and coordinate and support public-sector agencies shall be identified.*



Yes

Comment The stakeholder interviews confirmed the engagement efforts. The sites for engaging stakeholders are documented in the following.

Evidence:

5.4.2 ECT-Overview Sust Week

5.4.2 ECT-External Stakeholder Sust Week

5.4.2 ECT-Internal Stakeholder April Mtg

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

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-001227

Comment	The site has had no water-related compliance violations in the 2023-2024 period.	
5.5.2	<i>Necessary corrective actions taken by the site to prevent future occurrences shall be disclosed if applicable.</i>	<div><div>✔</div><div>Yes</div></div>
Comment	The site has had no water-related compliance violations in the 2023-2024 period.	
5.5.3	<i>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.</i>	<div><div>✔</div><div>Yes</div></div>
Comment	The site has had no water-related compliance violations in the 2023-2024 period.	

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-001227

Photographic Evidence from Audit

Yes



Pump station display.jpg



Chemical storage pad.jpg

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-001227



Cooling Tower piping room1.jpg



Onsite stormwater outflow.jpg

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

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Spill pad.jpg



Building wastewater underground.jpg

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

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Fire suppression water tank.jpg



Stormwater swell.jpg

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

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Tote wash station.jpg



HazMat cabinet.jpg

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

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Incoming water tank.jpg



Water water pump station.jpg

CERTIFICATION REPORT

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Spill Kit.jpg



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CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

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Blow down tank.jpg



Flume station outgoing waste water.jpg

CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

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Water Hub.jpg



Ingoing water meter building.jpg

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IWRA onsite 2.jpg



Wastewater pump station.jpg

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Cooling piping into main building.jpg



IWRA-onsite.jpg

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Incoming pump station.jpg



Cooling Tower incoming piping.jpg

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Previous Findings		
	<i>All non-conformities raised in the previous audit have been satisfactorily closed.</i>	<div><div></div><div>Yes</div></div>
Comment	2.1.1 Minor. The site did not specifically mention all 5 AWS outcomes in their signed commitment letter. This has been successfully addressed.	