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Client Name:	Tyson Poultry - Seguin Processing Plant
AWS Registration Number:	AWS-000383
Client Representative:	Brittany Craig, Sustainability Associate
Audit Team:	Jillian Olsen/Lead Auditor
	Rae Mindock/Team Auditor
Audit Dates:	October 27, 2021
Stakeholder Notification:	SCS and AWS Websites 9/30/2021, Local Newspaper, 10/3/2021
Site Location:	1200 West Kingsbury Street, Seguin, TX 78155
Report Date:	November 16, 2021

Standard: AWS International Water Stewardship Standard - Version 2.0, March 22, 2019

Audit Type	☐ Gap Analysis ☐ Pre-assessment	☒ Initial Certification	☐ Surveillance ☐ Recertification

Level of Certification	☒ Core	☐ Gold	☐ Platinum

Site Information

Site Description

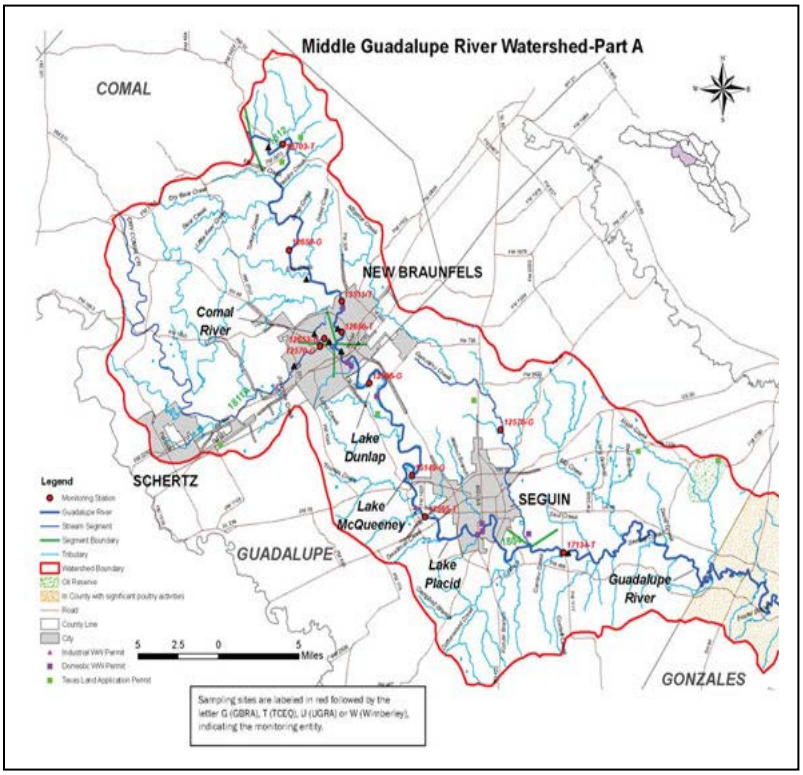
The Tyson Seguin Processing Plant harvests live poultry and produces raw fast food and deli products. The plant receives water from the City of Seguin, which includes ground water and surface water sources. The City of Seguin groundwater is purchased through the Schertz Seguin Local Government Corporation (SSLGC), which provides ground water from the Carrizo Aquifer in Gonzales County, TX. Surface water used by the City of Seguin is withdrawn from the Guadalupe River. The Tyson Seguin Processing Plan also maintains two (2) ground water wells on-site. The "north" well is used for condenser make-up water and the "south" well is used for mister fans to keep live birds cool.

The water-related infrastructure at the factory was mapped to include: the layout of the production lines, the incoming municipal water supply line, sanitary sewer discharge, stormwater discharge, and industrial discharge.

The plant's process water from the processing plant and protein recovery plant wastewater (effluent) are sent to the onsite wastewater pre-treatment facility. Wastewater effluent is treated and may be reused onsite for: condenser make-up water, Vacuum pumps, Protein Plant washdown, and Spray bars used to clean rotary screens in offal. Wastewater effluent from the pretreatment plant is discharged in accordance with the requirements of the facility's permit to the City of Seguin's POTW.

Catchment Description

The Tyson Seguin Complex resides in the Hydrologic Unit Code 8 (HUC-8) Middle-Guadalupe River #12100202. The catchment is approximately 3,453 square miles spanning from Canyon Lake and south of Rosanky, TX to Cuero, TX. The catchment includes the primary water sources (City of Seguin ground water sources in Carrizo Aquifer and surface water withdrawal on Guadalupe River, and onsite "north" and "south" wells) and the discharge recipient (onsite wastewater pre-treatment plant and City of Seguin POTW discharge to Guadalupe River).



Shared Water Challenges

Shared water challenges are catchment water-related issues shared by the site and stakeholders. Stakeholder engagement was documented, and auditor interviews confirmed the topics of engagement. Primary water-related risks to the site include water quantity (availability and scarcity) and quality (nitrate). A prioritized list of shared water challenges addressing the outcomes was provided.

Shared water challenges were addressed through stakeholder engagement, including scheduled meetings with: City of Seguin Water to understand issues and opportunities for improvement, Guadalupe County Groundwater Conservation District to understand groundwater well information onsite, agricultural suppliers to discuss water stewardship actions, and other local stakeholders as part of the regional Sustainability Summit to share water stewardship practices, and engage on additional opportunities for shared improvement.

Audit Attendees

Participant/Title	Opening Meeting	Document Review	Site Inspection	Closing Meeting
Team Leader Environmental	X	X	X	X
Sustainability Associate	X	X	X	X
Facility Environmental	X	X	X	X
External Stakeholders: City of Seguin Water Plant Manager, Fogel Farm Services, Guadalupe County Groundwater Conservation District General Manager **Internal Stakeholders:** Team Leader Environmental, Sustainability Associate, Facility Environmental				
Supporting Documentation: The Tyson Seguin Processing Plant provided documentation using SharePoint file share to support conformity with the AWS Standard v2.0 including: Stakeholder Outreach Log, Seguin Water Schematic, Catchment Water Balance, Site Water Balance and Water Stewardship Plan. The Water Stewardship Plan is a working document which is continually updated with information regarding how shared water challenges are being addressed including progress, performance evaluation and stakeholder feedback. Other supporting documentation were also provided as evidence.				

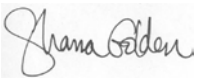
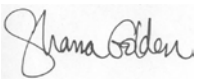
Summary of Findings

Step	Major	Minor	Observations	Advanced Criteria
1. Gather & Understand	0	0	0	0
2. Commit & Plan	0	0	0	0
3. Implement	0	0	0	0
4. Evaluate	0	0	0	0
5. Communicate & Disclose	0	0	0	0
TOTAL	0	0	0	0

Audit Non-conformities and Observations

Non-Conformity (Major or Minor) or Observation	Citation	Criteria/ Indicator	Due Date	Detail and Corrective Action
None				

Certification Decision

Auditor's recommendation for initial, continued or re-certification based on compliance with requirements:	x	Recommended
		Not Recommended
Level of Certification recommended	X	AWS Core
		AWS Gold
		AWS Platinum
SCS Certification Decision:	X	Approved
		Denied
Certification Decision by:		 Shana Golden
Technical Review by:		 Shana Golden
Date of Decision:		November 24, 2021
Surveillance Schedule:		Next audit is scheduled for: October 2022 12 Month Surveillance will be Requested

AWS International Water Stewardship Standard, Version 2.0, March 22, 2019

Surveillance audits shall cover at a minimum those requirements highlighted in light green.

STEP 1: Gather and Understand

Criteria	Indicator	Yes	No	NA	Objective Evidence/Finding	Points
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.	Yes			The Tyson Seguin Processing Plant is located in Seguin, Texas. The Site harvests live poultry and produces raw fast food and deli products. The plant receives water from the City of Seguin, which includes ground water and surface water sources. The City of Seguin groundwater is purchased through the Schertz Seguin Local Government Corporation (SSLGC), which provides ground water from the Carrizo Aquifer in Gonzales County, TX. Surface water used by the City of Seguin is withdrawn from the Guadalupe River. The Tyson Seguin Processing Plan also maintains two (2) ground water wells on-site. The "north" well is used for condenser make-up water and the "south" well is used for mister fans to keep live birds cool. The water-related infrastructure at the factory was mapped to include: the layout of the production lines, the incoming municipal water supply line, sanitary sewer discharge, stormwater discharge, and industrial discharge. The plant's process water from the processing plant and protein recovery plant wastewater (effluent) are sent to the onsite wastewater pre-treatment facility. Wastewater effluent is treated and may be reused onsite for: condenser make-up water, Vacuum pumps, Protein Plant washdown, and Spray bars used to clean rotary screens in offal. Wastewater effluent from the pretreatment plant is discharged in accordance with the requirements of the facility's permit to the City of Seguin's POTW. The Tyson Seguin Complex resides in the Hydrologic Unit Code 8 (HUC-8) Middle-Guadalupe River #12100202. The catchment is approximately 3,453 square miles spanning from Canyon Lake and south of Rosanky, TX to Cuero, TX. The catchment includes the primary water sources (City of Seguin ground water sources in Carrizo Aquifer and surface water withdrawal on Guadalupe River, and onsite "north" and "south" wells) and	

					the discharge recipient (onsite wastewater pre-treatment plant and City of Seguin POTW discharge to Guadalupe River). The catchment area is defined and mapped.	
1.2 Understand relevant stakeholders, their water related challenges, and the site's ability to influence beyond its boundaries.	1.2.1 Stakeholders and their water-related challenges shall be ***identified***. The process used for stakeholder identification shall be ***identified***. This process shall: - 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.	Yes			The stakeholder log provided by Tyson Seguin Processing Plant was reviewed. The stakeholder log includes identification of authorities (municipalities), businesses (economic neighbors), and NGOs. Stakeholders identified include agricultural suppliers, City of Seguin Water, Gonzales County Water (primary inputs water service provider – Gonzales Feed Mill and Harwood Hatchery), Guadalupe County Groundwater Conservation District, Texas South Basin USGS office, Guadalupe-Blanco River Authority, Texas State University Meadows Center for Water & the Environment, and Fogle Farm Services. The Outreach log included individuals and organizations consulted with since 2020, including notes on conversations which provided information on water-related interests/challenges. The summary includes actions, follow-up and feedback. The Outreach log also includes ranking of stakeholder influence and interest with targeted levels of engagement defined.	
	1.2.2 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.	Yes			Stakeholders are related to the site's catchment and process identifies the stakeholders' ability to influence or be influenced. Influence/Interest is characterized (low to high) and further describe opinions towards Tyson Seguin Processing Plant's operations.	
1.3 Gather water-related data for the site, including: water balance; water quality, Important Water-Related Areas, water	1.3.1 Existing water-related incident response plans shall be ***identified***.	Yes			The Water Stewardship Plan and Spill Prevention Control Countermeasure Plan (SPCC) were reviewed. Incident response was addressed in the plans.	
	1.3.2 Site water balance, including inflows, losses, storage, and outflows shall be ***identified*** and ***mapped***.	Yes			Tyson Seguin Processing Plant provided water maps and data containing inputs and outputs of water at this facility. Data showing water inflows, outflows, storage and losses for the production processes at the factory	

governance, WASH; water-related costs, revenues, and shared value creation.					were reviewed. The provided map and data indicate water sources, water treatment and water effluents.	
	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***.	Yes			Tyson Seguin Processing Plant provided water usage data containing inputs and outputs of water at this facility. Tyson Seguin Processing Plant utilizes calendar year 2019 as the baseline year from which to calculate improvements in their water usage rate. The long-term goal for water use improvement is a 20% overall reduction in withdrawal for process use, including primary inputs (Harwood Hatchery, Gonzales Feed Mill). The 2019 water usage rate goal was 1.47 gallons per finished pound of product. The YTD water usage rate for 2019 was 1.52 gallons per finished pound, for the baseline year. A comparison to 2020 was not presented due to operational interruptions caused by the COVID-19 pandemic (full year data not available).	
	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			The water quality report from the City of Seguin was provided with detailed information showing that the water meets state and federal drinking water standards. Tyson Seguin Processing Plant provided the monthly effluent analysis reports that are required by their NPDES permit, which are also submitted to City of Seguin.	
	1.3.5 Potential sources of pollution shall be ***identified*** and if applicable, ***mapped***, including chemicals used or stored on site.	Yes			A list of all chemicals stored at the site, their location, and typical quantities were provided in the SPCC Plan. The chemicals located within the Plant are mapped in the SPCC Plan.	
	1.3.6 On-site Important Water-Related Areas shall be ***identified*** and ***mapped***, including a description of their status including Indigenous cultural values.	Yes			Tyson Seguin Processing Plant identified the groundwater aquifer at the site as the site's IWRA. Based on review of the stakeholder engagement and feedback provided, stakeholders are in agreement as to the importance of the IWRA; however, it is believed that the wells are installed in the Leona Formation, which is not at risk for quantity concerns in the County. Documentation of the onsite wells is agreed to be important, as groundwater quantity in general is shared water challenge documented by Tyson Seguin and in stakeholder engagement.	
	1.3.7 Annual water-related costs, revenues, and a description or quantification of the social, cultural,	Yes			Site level costs were presented and reviewed, including costs to implement water stewardship-related projects. Tyson Foods, Inc. Annual Report for	

	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.				2020 (poultry segment) was also provided and reviewed, which described revenues.	
	1.3.8 Levels of access and adequacy of WASH at the site shall be ***identified.***	Yes			WASH is available on-site with potable water and toilets for employees and visitors. The facility is required to comply with the Occupation Safety and Health Administration (OSHA) regulations requiring access and adequacy of WASH at the site.	
1.4 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.	1.4.1 The embedded water use of primary inputs, including quantity, quality and level of water risk within the site's catchment, shall be ***identified.***	Yes			A detailed study of the embedded water use for primary inputs for the facility was provided. Information on water source with annual water consumption values and associated water risks was provided.	
	1.4.2 The embedded water use of outsourced services shall be ***identified***, and where those services originate within the site's catchment, ***quantified***.	Yes			The Tyson Seguin Processing Plant site does not use outside services that account for over 5 % of the total weight of their goods, or 5 % of their costs, or that use significant water in their processes.	
1.5 Gather water-related data for the catchment, including: water governance, water balance, water quality, Important Water-Related Areas, infrastructure, and WASH	1.5.1 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.	Yes			Information on publicly-led initiatives and water-related public policy goals for the catchment was provided at the state and regional level. Tyson Seguin maintains stakeholder communication with the Guadalupe-Blanco River Trust and Guadalupe County Groundwater Conservation District.	
	1.5.2 Applicable water-related legal and regulatory requirements shall be ***identified***, including legally-defined and/or stakeholder-verified customary water rights.	Yes			A list of federal, state, local permits and regulatory requirements was provided, including permits issued by the Texas Commission on Environmental Quality. List of relevant and applicable legal and other requirements were also reviewed.	

	1.5.3 The catchment water-balance, and where applicable, scarcity, shall be ***quantified***, including indication of annual, and where appropriate, seasonal, variance.	Yes			The catchment water balance with precipitation, groundwater withdrawal/pumping data, and outflows data was provided for the Tyson Seguin Processing Plant catchment. Data was compiled by the Texas Water Development Board – Texas State Water Plan for water Planning Region L. As indicated in the water stewardship plan, the site has engaged to work with catchment stakeholders to identify water savings initiatives and opportunities to generate a net positive change in available water capacity in the catchment.	
	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			A description of the catchment groundwater and surface water quality status was provided. Information on biological status of the catchment was also provided. City of Seguin water reports were also provided stating that the water is treated according to federal and state standards to remove any possible harmful contaminants.	
	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			IWRAs have been identified and mapped by Tyson Seguin Processing Plant, along with a description of their water-related issues. IWRAs include: Walnut Branch, Guadalupe River, Wilcox-Carrizo Aquifer, Lake Dunlap, Lake Placid and Canyon Lake.	
	1.5.6 Existing and planned water-related infrastructure shall be ***identified***, including condition and potential exposure to extreme events.	Yes			Infrastructure includes imported water infrastructure, and existing onsite water and wastewater infrastructure. Documentation related to the proposed effluent limits for phosphorous from Texas Commission on Environmental Quality and how addressed by City of Seguin at the treatment plant were provided for review.	
	1.5.7 The adequacy of available WASH services within the catchment shall be ***identified***.	Yes			WASH for the catchment is adequate based on compliance and demographic information.	
1.6 Understand current and future shared water challenges in the	1.6.1 Shared water challenges shall be ***identified*** and prioritized from the information gathered.	Yes			A prioritized list with rationale of shared water challenges was provided and reviewed. Drivers and public-sector agency efforts are noted as well. Water quantity is prioritized as first. Tyson Seguin Processing Plant	

catchment, by linking the water challenges ***identified*** by stakeholders with the site's water challenges.					challenges were prioritized based on stakeholder feedback and corporate initiatives.	
	1.6.2 Initiatives to address shared water challenges shall be ***identified***.	Yes			A list of initiatives was provided and reviewed. Initiatives are identified in the plans.	
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			A prioritized list of water risks was provided and reviewed. Water risks matched shared water challenges. Water quality (related to wastewater sludge) and reputational risk from water use in general are prioritized.	
	1.7.2 Water-related opportunities shall be ***identified***, including how the site may participate, assessment and prioritization of potential savings, and business opportunities.	Yes			A prioritized list of water-related opportunities was provided for the site and match the shared water challenges and water risks lists. First priority is based on water quantity and focused on water usage and potential for reducing losses and water re-use opportunities at the facility. A list of projects, savings and value creation was submitted and reviewed. Value creation was quantified, as applicable.	
1.8 Understand best practice towards achieving AWS outcomes: Determining sectoral best practices having a local/catchment, regional, or national relevance.	1.8.1 Relevant catchment best practice for water governance shall be ***identified***.	Yes			Tyson Seguin Processing Plant has identified multiple best practices toward achieving AWS outcomes at the site and in the catchment. The following best practices are examples for Indicators 1.8.1 - 1.8.5. Tyson Seguin Processing Plant engages with catchment authorities and other stakeholders to share information, practices and drive water stewardship practices. Tyson Seguin Processing Plant identified the Texas State Water Plan as a best practice in the catchment to bring stakeholders to one table to support water governance.	
	1.8.2 Relevant sector and/or catchment best practice for water balance (either through water efficiency or less total water use) shall be ***identified***.	Yes			Tyson Seguin Processing Plant identified the Texas State Water Plan as the catchment best practice for water balance. The Texas State Water Plan notes that the region's main economy (agriculture) and water use are linked, and therefore water use efficiency is increasingly important.	
	1.8.3 Relevant sector and/or catchment best practice for water quality shall be ***identified***, including rationale for data source.	Yes			Tyson Seguin Processing Plant focuses on maintaining catchment water quality and monitoring for changes in water quality through its nitrate protocol. Nitrate levels are monitored at the pre-treatment system as a best practice to identify changes that would impact water quality from the effluent discharge or sludge application.	

	1.8.4 Relevant catchment best practice for site maintenance of Important Water-Related Areas shall be ***identified***.	Yes			Tyson Seguin Processing Plant's water infrastructure continues to support water flow back to the Guadalupe River. Zebra mussels have been identified in areas near the Gulf Coast. The City of Seguin has begun installing copper filters to water intake points to mitigate future risk to the City's infrastructure. The two wells located at Seguin complex have been registered to add additional data collection. This is a benefit for future Texas Water Plan Region L planning.	
	1.8.5 Relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services shall be ***identified***.	Yes			Tyson Seguin Processing Plant maintains compliance with applicable OSHA standards related to WASH.	
					Advanced Points Step 1	

STEP 2: Commit and Plan						
Criteria	**Indicator**	**Yes**	**No**	**NA**	**Objective Evidence/Findings**	**Points**
2.1 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.	2.1.1 A signed and publicly ***disclosed*** site statement OR organizational document shall be ***identified***. The statement or document shall include the following commitments: - 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			A pledge, signed by the Complex Manager, was reviewed containing all elements described in this indicator.	
2.2 Develop and document a process to achieve and maintain legal and regulatory compliance.	2.2.1 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.	Yes			The Tyson Seguin Processing Plant online portal system (EMS) for compliance tracking was reviewed. Included in the system are the listed permits and responsible staff to ensure maintenance of compliance. A third-party is contracted to confirm compliance is maintained.	
2.3 Create a water stewardship strategy and plan including addressing risks (to and from the site),	2.3.1 A water stewardship strategy shall be ***identified*** that defines the overarching mission, vision, and goals of the organization towards good water	Yes			The Tyson Water Risk Assessment was provided and reviewed. The Tyson Water Risk Assessment is a high-level document which includes the overall water stewardship strategy of the organization, and is in alignment with the AWS requirements.	

shared catchment water challenges, and opportunities.	stewardship in line with this AWS Standard.					
	2.3.2 A water stewardship plan shall be ***identified*****,** including for each target: - 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			A detailed water stewardship plan was created as part of the AWS process. The plan is broken into objectives, targets, and actions. There are different actions corresponding to different targets, each with their own metrics, budget, responsible person, status, and other criteria. Water Quality, Water Quantity, Water Governance, IWRAs, and WASH are the water topics identified in this plan.	
2.4 Demonstrate the site's responsiveness and resilience to respond to water risks	2.4.1 A plan to mitigate or adapt to ***identified*** water risks developed in co-ordination with relevant public-sector and infrastructure agencies shall be ***identified***.	Yes			Tyson Seguin Processing Plant provided their current SPCC plan, which included a description of their required responses and resilience operations to water-related issues and risks. Modifications to the plans are captured through revision/amendment comments as needed and an annual review is part of standard procedures to evaluate the plans effectiveness. In addition, the Water Stewardship Plan is a working document which documents identification of water risks through performance, evaluation, and stakeholder consultation. Stakeholders include the relevant public-sector agencies responsible for infrastructure.	
					Advanced Points Step 2	

STEP 3: Implement

Criteria	Indicator	Yes	No	NA	Objective Evidence/Findings	Points
3.1 Implement plan to participate positively in catchment governance.	3.1.1 Evidence that the site has supported good catchment governance shall be ***identified***.	Yes			Tyson Seguin Processing Plant provided documentation of their efforts to support good catchment governance through their involvement with Guadalupe County Groundwater Conservation District, Guadalupe-Blanco River Authority and support of the Texas State Water Plan.	
	3.1.2 Measures ***identified*** to respect the water rights of others including	Yes			Water rights with respect to ground water in Texas are identified as belonging to the landowner.	

	Indigenous peoples, that are not part of 3.2 shall be ***implemented***.					
3.2 Implement system to comply with water-related legal and regulatory requirements and respect water rights.	3.2.1 A process to verify full legal and regulatory compliance shall be ***implemented***.	Yes			The Tyson Seguin Processing Plant online portal system (EMS) for compliance tracking was reviewed. Included in the system are the listed permits and responsible staff to ensure maintenance of compliance.	
	3.2.2 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***.	Yes			The Tyson Seguin Processing Plant receives its water from a municipal supplier and does not infringe on the rights of others, including indigenous peoples. Tyson Seguin's discussions with stakeholders did not indicate actual or perceived concern that site was impinging on human right to safe water and sanitation in catchment.	
3.3 Implement plan to achieve site water balance targets.	3.3.1 Status of progress towards meeting water balance targets set in the water stewardship plan shall be ***identified***.	Yes			Water usage is tracked on a monthly basis and compared to facility goals, as well as prior year's monthly values. The site has worked to improve its water efficiency as per its targets, by implementing the following measures: water re-use, water leak identification, assessment of reduction of water in sludge, installation of meters on site wells.	
	3.3.2 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***.	Yes			Tyson Seguin Processing Plant establishes site targets annually to improve water balance towards improving efficiency and strives to reduce volumetric total.	
	3.3.3 Legally-binding documentation, if applicable, for the re-allocation of water to social, cultural or environmental needs shall be ***identified***.	Yes			The site is not re-allocating water savings.	
3.4 Implement plan to achieve site water quality targets.	3.4.1 Status of progress towards meeting water quality targets set in the water stewardship plan shall be ***identified***.	Yes			Wastewater results are within permitted values. Tyson Seguin Processing Plant has implemented a nitrate protocol to monitor nitrate for proper nutrient application in sludge, which will improve groundwater quality.	
	3.4.2 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***.	Yes			Water quality is a shared water challenge and an AWS Outcome. The Tyson Seguin Processing plant's goal is to improve catchment groundwater quality long-term through monitoring nitrate levels in the wastewater effluent and sludge.	

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			Tyson Seguin Processing Plant is actively engaging with stakeholders and documenting that engagement toward activities to develop and/or support plans to improve the site's IWRAs.	
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			The facility is required to comply with the Occupation Safety and Health Administration (OSHA) regulations requiring access and adequacy of WASH at the site. The nature of the products made at the facility requires strict adherence to these principals.	
	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			The facility is required to comply with the Occupation Safety and Health Administration (OSHA) regulations requiring access and adequacy of WASH at the site. Tyson Seguin Processing Plant is not impacting WASH of communities. Tyson Seguin Processing Plant discussions with stakeholders did not indicate actual or perceived concern that site was impinging on human right to safe water and sanitation in catchment.	
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			Indirect water use targets in the Water Stewardship Plan include an overall reduction of water use by 20% at year 10 (baseline 2019). Evidence indicates that the facility is trending toward achieving target.	
	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			Tyson Seguin Processing Plant has engaged primary input suppliers (Gonzales Feed Mill and Harwood Hatchery) on water use and implementation of improved farming practices to improve indirect water use efficiency.	
3.8 Implement plan to engage with and notify the owners of any shared water-related infrastructure of any	3.8.1 Evidence of engagement, and the key messages relayed with confirmation of receipt, shall be ***identified.***	Yes			Tyson Seguin Processing Plant engages with catchment authorities and other stakeholders regarding shared water-related infrastructure. Evidence was provided relative to efforts to control zebra mussels on water intakes by City of Seguin Water.	

concerns the site may have.						
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			Tyson Seguin Processing Plant engages with catchment authorities and other stakeholders to share information, best practices and drive water stewardship efforts. Examples include the collaborative efforts of the Texas State Water Plan, Guadalupe County Groundwater Conservation District and the Guadalupe-Blanco River Authority.	
	3.9.2 Actions towards achieving best practice, related to targets in terms of water balance shall be ***implemented***.	Yes			Tyson Seguin Processing Plant has initiated upgrades to recycle water in the site's cooling condensers and added a meter to the "north" well (used for the cooling system) for continual improvement toward water use/reduction in the catchment.	
	3.9.3 Actions towards achieving best practice, related to targets in terms of water quality shall be ***implemented***.	Yes			Tyson Seguin Processing Plant is actively evaluating improved farming practices with their farm management team and suppliers to improve water quality in the catchment.	
	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			Tyson Seguin Processing Plant utilizes the best management practices outlined in the facility's SPCC Plan and stormwater permit to ensure protection of water quality at the site IWRAs.	
	3.9.5 Actions towards achieving best practice related to targets in terms of WASH shall be ***implemented***.	Yes			Stakeholder engagement indicates there is adequate WASH in the catchment.	
					Advanced Points Step 3	

STEP 4: Evaluate

Criteria	Indicator	Yes	No	NA	Objective Evidence/Findings	Points
4.1 Evaluate the site's performance in light of its actions and targets from its water stewardship plan and demonstrate its contribution to achieving	4.1.1 Performance against targets in the site's water stewardship plan and the contribution to achieving water stewardship outcomes shall be ***evaluated.***	Yes			Tyson Seguin Processing Plant has evaluated performance of the Water Stewardship Plan which is aligned with realizing the AWS Outcomes. Targets established in the WSP are tracked based on multiple targets with measurable metrics, and documentation of stakeholder engagement. The evaluation also includes timelines and metrics and describes shared value benefits for each target. Further evaluation will be conducted during the surveillance and renewal audits.	

water stewardship outcomes.	4.1.2 Value creation resulting from the water stewardship plan shall be ***evaluated.***	Yes			Tyson Seguin Processing Plant is focused on three areas of value creation: economic, social and environmental. Economic and social value includes job creation, support of city infrastructure and farmers, water-related education for Tyson employees. Environmental value includes lowering emissions through reducing impacts to water and soil.	
	4.1.3 The shared value benefits in the catchment shall be ***identified*** and where applicable, ***quantified.***	Yes			Tyson Seguin Processing Plant has identified reduced water usage as a beneficial improvement. Reduction in water usage at the facility is a shared value benefit in the catchment.	
4.2 Evaluate the impacts of water-related emergency incidents (including extreme events), if any occurred, and determine the effectiveness of corrective and preventative measures.	4.2.1 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.***	Yes			Tyson Seguin Processing Plant provided a written review report for the current year (2021) emergency incident that occurred. The incident was related to severe winter weather that impacted the facility in 2021 resulting in loss of electricity, which impacted operations and water usage. The root cause analysis, site's response, corrective actions and mitigations toward future events were provided in the report.	
4.3 Evaluate stakeholders' consultation feedback regarding the site's water stewardship performance, including the effectiveness of the site's engagement process.	4.3.1 Consultation efforts with stakeholders on the site's water stewardship performance shall be ***identified***.	Yes			Internal and external stakeholder outreach was conducted and documented in the Stakeholder Table and evidence notes. Responses covered the main topics of water quality, water quantity, and agricultural issues.	
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			The Water Stewardship Plan is a working document updated annually to reflect on-going actions and completed projects. The WSP tracks targets, timelines, metrics and actions tied to best practice and AWS outcomes addressed.	
					Advanced Points Step 4	
STEP 5: Communicate and Disclose						

Criteria	Indicator	Yes	No	NA	Objective Evidence/Findings	Points
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			Tyson Seguin Processing Plant provided the list of personnel responsible for the site's water-related internal governance. The list of responsible personnel is disclosed to internal stakeholders and relevant external stakeholders (i.e. regulatory agencies).	
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			Tyson Seguin Processing Plant provided a stakeholder table that details communication with stakeholders about the AWS process. The WSP was communicated to relevant stakeholders.	
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			Tyson Seguin Processing Plant prepared a summary of the site's water stewardship performance, including quantified performance of their water use reduction goal. Evidence of disclosure of the summary to stakeholders was provided.	
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			Tyson Seguin Processing Plant engaged with stakeholders directly regarding the shared water challenges of water quantity and quality in the catchment. Tyson provided evidence of the continued engagement and disclosure of their efforts toward addressing the shared water challenges.	
	5.4.2 Efforts made by the site to engage stakeholders and coordinate and support public-sector agencies shall be ***identified.***	Yes			See 5.4.1.	
5.5 Communicate transparency in water-related compliance: make any site water-related	5.5.1 Any site water-related compliance violations and associated corrections shall be ***disclosed.***	Yes			Tyson reports that the Seguin Processing Plant had one (1) nuisance violation related to sludge application in 2017 that was immediately resolved with TCEQ. There have been no other violations or compliance issues that are water related.	

compliance violations available upon request as well as any corrective actions the site has taken to prevent future occurrences.						
	5.5.2 Necessary corrective actions taken by the site to prevent future occurrences shall be ***disclosed*** if applicable.	Yes			See 5.5.1	
	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			Violations are publicly available through state and federal reporting (ECHO/US EPA). There were no violations reported via ECHO. The ECHO reporting system would include violations that pose a significant risk and threat to human or ecosystem health.	
					Advanced Points Step 5	