



# **Alliance for Water Stewardship Assessment Report**

## **Prepared for DANPER TRUJILLO S.A.C.**

**Prepared by:** SGS  
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## REPORT DETAILS

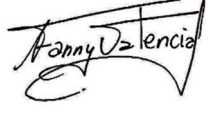
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## 1 EXECUTIVE SUMMARY

The scope of services covers the conformity assessment in compliance with the AWS International Water Stewardship Standard Standard Version 02 for DANPER TRUJILLO S.A.C. (DANPER) **for one site: Compositan Farm** located at **Pampa de Compositan Km s/n - Huancaquito, Virú - Virú. La Libertad - Perú.**

The assessment has been completed in compliance with AWS Certification requirements, Version 2, March 2019.

The scope for this site is: **Crop farming of vegetables (asparagus, artichokes) and fruits (avocados, blueberries).**

DANPER is a Peruvian-Danish joint venture with 27 years of experience in the agro-industry. They have over 6,500 workers and 6,000 hectares of cultivated fields in Peru. They produce asparagus, paprika, artichokes and other fruits and vegetables, as well as processed food and ready to eat products.

As the audit was conducted during the COVID period, it was followed the "INTERIM POLICY NO. 1 ON REMOTE AUDITING - RECERTIFICATION AUDITS, EFFECTIVE JUNE 1, 2020", where the requirements were fulfilled:

- It was requested an authorization to AWS for a remote audit which was granted prior to the start of the audit.
- We made a local communication. Stakeholder were selected for virtual interviews into the audit, which were two external stakeholders. We talk with coordinator of the COAR High Performance College, about the work activities Danper performs with the training of the water watchdog Club from 2019; and coordinator of the SUNASS Authority that with Danper are initiating coordination for technical support. Also, we interview a two internal stakeholders; such us Irrigation system personnel and Danper's environmental management; who are a principal part to the Water Management.
- In addition, we made into a4ws.org website, the public publication for this recertification audit. Until now, we do not receive any comment for this topic. The auditor member of SGS and the organization DANPER made publicity into social media; and only received a good comments for this process.

Also, Danper, is not a new organization in this process. This is already a recertification process.

In the entire previous certification period they have not had any major NC. During this cycle, SGS has not been received any voluntary feedback from stakeholders (such as complaints, claims).

Given the document review undertaken, verification of evidence and site visit inspections performed, SGS recommends that DANPER is awarded AWS Core Certified status with a surveillance audit interval of annual frequency.

It is evident that efforts have been made to close the nonconformities of the previous audit.

A two minor non-conformances were raised during the course of the audit process. DANPER responded to the finding raised with appropriate root cause analysis and action plan as evidence for each.

## 2 SCOPE OF ASSESSMENT

The scope of services covers the conformity assessment in compliance with the AWS International Water Stewardship Standard Version 2 for DANPER TRUJILLO S.A.C. (DANPER) **for one site: Compositan Farm.**

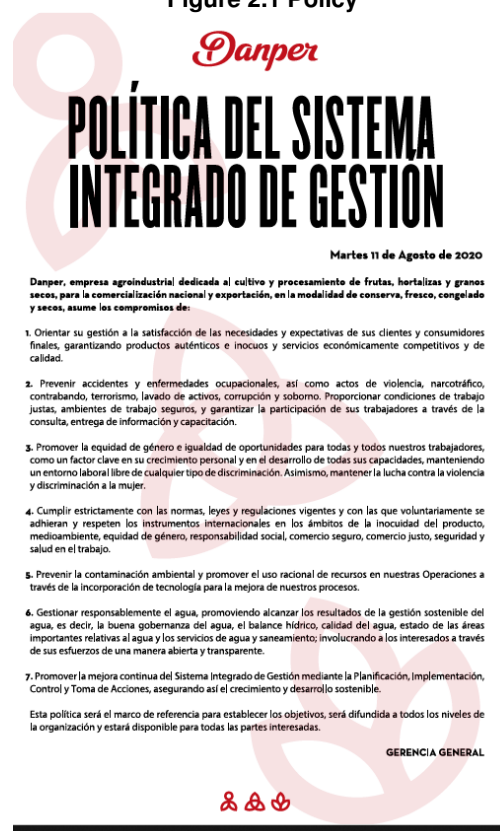
The assessment has been completed in compliance with AWS Certification requirements, Version 2, March 2019.

The scope for this site is: **Crop farming of vegetables (asparagus, artichokes) and fruits (avocados, blueberries).**

The assessment was conducted during into 2 man-days on-site, from the 02 and 03 September 2020 by remote audit.

SGS made a Risk Assessment AWS - Danper 2020; in order to review the performance & maturity and location criterias. We determinate, that this audit; could be performed in remote audit; due to the circumstances of the pandemic. The Information and Communication Technology (ICT) media used: Videoconferences by Teams meetings with the organization, tours and stakeholders consultations. The use of ICT contributed to the effectiveness of the audit to achieve the established objectives.



Figure 2.1 Policy



Into the virtual tour, we ask to made some photos of the organization

Table 2.1: Photos Virtual Visit

	
<p>Osmosis Plant</p>	<p>Osmosis Plant</p>
	
<p>Well N°13</p>	<p>Well N°13 to Reservoir 03</p>
	
<p>Reservoir 03</p>	<p>Reservoir 03</p>
	

Wash	Biodigester
	
Fertilizant Storage	Water supply for the irrigation

### 3 DESCRIPTION OF CATCHMENT

The geographical scope has been only the Compositan Farm; located in the La Libertad – Perú

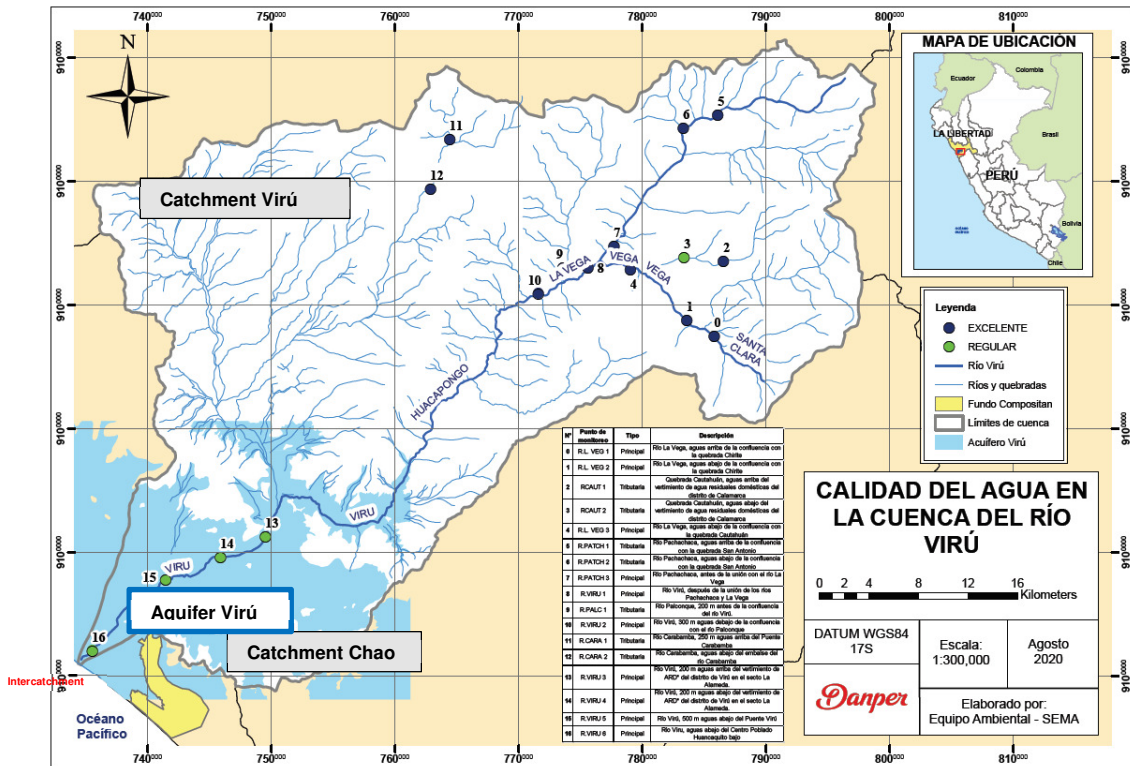
Figure 3.1 Location



The “Autoridad Nacional del Agua” (Water National Authority) had published the map of the Viru river catchment which clearly shows all the water sources for the catchment; but is only for superficial water. Like most of the Peruvian coast catchments the water comes from the high Andes by gravity to the coast in an East-West direction and the deltas are to the Pacific Ocean. The Compositan farm is located at the end, between 02 superficial catchments. (Viru and Chao). But, the water used is all from underground water and the cultivation is through drop irrigation. All the wells are located on the aquifer of Virú.



Figure 3.2 Catchment



Note that it does not have any withdrawal from the rivers itself, as it is indirectly at this catchment because of the aquifer use and replenishment. Similarly, the effluents are not discharged directly to the rivers, but slowly infiltrated to the underground

#### **4 SUMMARY OF SHARED WATER CHALLENGES**

DANPER has identified the shared water challenges and prepared the document List of shared water challenges. It details the water challenges which are mainly:

- Climate change: The “Fenomen del Niño” that affected thoroughly all the region.
- Inadequate drinking water supply and basin sanitation conditions into the catchment.
- Lack of management plans into the region Virú.
- Site water quality problems due to salinity that can affect the production.

The organization made some activities in order to approach this Challenges of Water.

## 5 INDICATORS CHECKLIST

There are establish the “Water Management Plan 2020” where the objectives and indicators; and the “Water Management Plan” table where the activities are detailed.

There is a matrix for the “implementation of the Water Management Plan”; where monitoring activities; and the “matrix of environmental indicators and their contribution to the achievement” where they monitor the progress of the achievement of the objectives.

Some indicators are the follow:

- 1) Contribute to the good governance of the Virú River basin
  - a. Activities carried out in favor of 100% good governance.
- 2) Comply with current legislation regarding the extraction, consumption and emission of effluents
  - a. Applicable legal requirements fulfilled 100%
- 3) Contribute to the protection and maintenance of the good state of the water resource of the Virú aquifer.
  - a. 100% executed scheduled maintenance services.
  - b. Observations raised to 100%
- 4) Control the balance of the water balance of the Fundo Compositan
  - a. Inlet volume and outlet volume have equal values
- 5) Generate good practices for water quality at the site level and in the Virú River basin.
  - a. N ° of planned practices are 100% executed
- 6) Maintain and improve access to drinking water, effective sanitation and protection hygiene for workers.
  - a. Number of actions planned are 100% executed

**6 AUDIT FINDINGS**

The findings raised during the audit were provided to DANPER, who responded afterwards to the findings through an action plan sent to SGS for review. Once the action plan was approved by the Lead Auditor the reports were then reviewed by the Certifier.

**Relating to Previous Audit Results:**

The nonconformity identified during previous audits (2019 period) has been corrected and the corrective action continues to be effective. During the visit, the organization demonstrate the actions taken and the continue following. In the Table bellow 6.1 are given details.

**Table 6.1. Previous Audit – Minor Non-Conformances raised during the AWS audit process**

<b>N o.</b>	<b>Type</b>	<b>Ref .</b>	<b>Details</b>	<b>Action Proposed by Client</b>	<b>Estatus</b>
1	Minor Non-Conformance	2.4.2	<p>The standard establishes the indicator, measurement based on tests that show that the objectives have been met. The objectives, goals and actions have been defined; however despite evidencing the actions to achieve the objective; These are not yet fulfilled and / or the value reached of the proposed indicator for the period 2018-2019 has not been registered and thus demonstrate their achievement. Cases</p> <ul style="list-style-type: none"> <li>• Specific objective: Manage water demand. The following indicators are used: Water meters operating / installed – monthly goal at 100%; and evaluated crops / total crops – monthly goal at 100%. You do not have the% reached for June, July 2019</li> <li>• Specific objective: Manage the amount of groundwater. The following indicators are used: 100% annual / total operating water sources, Water quantity control – 100% biannual goal. You do not have the% reached for June, July 2019</li> <li>• Strategic Objective: Achieve the Sustainable Water Balance. Although a balance of supply and demand is evident; There is still no record of income and exits with the actual monitored data of the irrigation area, but only the theoretical one for 2018.</li> </ul> <p>La norma establece el indicador, de medición basada en pruebas que demuestren que los objetivos se han cumplido. Se tienen definidos los objetivos, metas y acciones; sin embargo, a pesar de evidenciar las acciones para lograr el objetivo; estos aún no están cumplidos y/o no se ha registrado el valor alcanzado del indicador planteado para el periodo 2018-2019 y evidenciar así su logro. Casos</p>	<p><u>Causes:</u></p> <ul style="list-style-type: none"> <li>*Outdated water demand management control</li> <li>*Outdated groundwater management control</li> <li>*Hydric balance control elaborated with theoretical data.</li> <li>*Control de gestión de demanda de agua desactualizado</li> <li>*Control de gestión de agua subterránea desactualizado</li> <li>*Control de balance hídrico elaborado con data teórica</li> </ul> <p><u>Actions</u></p> <p>Update the water demand indicator on the management dashboard Reorient AWS management strategy Update the groundwater indicator on the management dashboard Reorient AWS management strategy Update the water balance in the management dashboard Provide updated actual data for water balance calculation</p>	<p><b><u>Closed</u></b></p> <p>The organization made corrective action AE-1-2019-SEMA</p> <p>There is evidence of: *Updated actual data for water balance calculation with a balance of January to September 2019 and October to December 2019. *Also, reorient AWS management strategy with the 05 outcomes of AWS: Balance, Quality, Wash, Importance Areas of Water, good governance.</p> <p>We review the Water Plan manager and indicators.</p> <p>There are establish the “Water Management Plan 2020” where the objectives and indicators; and the “Water Management Plan” table where the activities are detailed.</p>

		<ul style="list-style-type: none"> <li>Objetivo específicos: Gestionar la demanda de agua. Se tienen como indicador: Medidores de agua operativos / instalados – mensual meta al 100%; y cultivos evaluados / total de cultivos – mensual meta al 100%. No se tiene el % alcanzado para junio, julio 2019</li> <li>Objetivo específicos: Gestionar la cantidad de agua subterránea. Se tienen como indicador: Fuentes de agua operativas / total- anual al 100%,Control de cantidad de agua – semestral meta al 100%. No se tiene el % alcanzado para junio, julio 2019</li> <li>Objetivo Estratégico: Alcanzar el Balance hídrico sostenible. Si bien se evidencia un balance de oferta y demanda; aún no se tiene el balance de ingresos y salidas con la data real monitoreada del área de riego sino solo la teórica para el 2018.</li> </ul>	<p>Actualizar el indicador de demanda de agua en el tablero de gestión Reorientar la estrategia de gestión de AWS</p> <p>Actualizar el indicador de agua subterránea en el tablero de gestión Reorientar la estrategia de gestión de AWS</p> <p>Actualizar el balance hídrico en el tablero de gestión Proporcionar data real actualizada para el cálculo de balance hídrico</p>	We validated, that the activities are aligned to the objectives, indicators and actions
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### **Relating to this Audit**

As a result, 02 minor non-conformances were raised during the audit process detailed at the Table below 6.2. Some observations were raised during the audit which are for future improvement, but no action is necessary during this audit period.

**Table 6.2. Current Minor Non-Conformances raised during the AWS audit process**

No.	Type	Ref.	Details	Action Proposed by Client
1	Minor Non-Conformance	5.3.1	<p>The standard establishes that a summary of the results of the sustainable water management of the site, including the quantified results in relation to the objectives, will be disclosed at least once a year. Although there is a summary of some actions carried out in 2019-2020 and it has been shared with the Management and headquarters in August 2020; This does not involve monitoring of all 2019 targets and has not yet been disseminated to external stakeholders (such as government, communities); it should include those responsible for compliance, the challenges addressed; and thus be able to have feedback from them. This is due to the issue of COVID19; where all communication has been interrupted; since in May of each year the achievements of the previous year are disseminated approximately.</p> <p>La norma establece que se divulgará al menos una vez al año un resumen de los resultados de la gestión sostenible del agua del sitio, incluidos los resultados cuantificados en relación con los objetivos. Si bien se tiene un resumen de algunas acciones llevadas a cabo el 2019-2020 y se ha compartido con la</p>	<p><u>Causes</u></p> <ul style="list-style-type: none"> <li>Lack of effective coordination with interested parties.</li> <li>Change in the customer service system</li> <li>Meeting restriction between two or more people</li> <li>Prioritization of COVID 19 control activities into the DANPER</li> </ul> <p><u>Actions</u></p> <ul style="list-style-type: none"> <li>Use the company's website to disseminate the results of sustainable water management</li> <li>Use the company's website to disseminate the results of sustainable water management</li> <li>Establish telephone contacts and if possible in person.</li> </ul>

			Gerencia y jefaturas en agosto del 2020; ello no involucra el seguimiento de todos los objetivos del 2019 y aún no se ha difundido a las partes interesadas externas (como gobierno, comunidades); lo debería incluir a los responsables de cumplimiento, los desafíos abordados; y así poder tener la retroalimentación de los mismos. Ello es debido al tema del COVID19; donde toda comunicación se ha visto interrumpida; ya que en mayo de cada año aproximadamente se difunden los logros del año anterior.	<ul style="list-style-type: none"> <li>• Establish work schedule and direct managers of the EMS team</li> <li>• Use the company's website to disseminate the results of sustainable water management</li> <li>• Implement virtual meetings with stakeholders as much as possible</li> </ul>
2	Minor Non-Conformance	5.2.1	<p>The stable standard that will be communicated to relevant stakeholders in the sustainable water management plan.</p> <p>There is a management plan for 2020. Although this plan has been disclosed to internal stakeholders (Management, headquarters and workers) through wall newspapers; Due to the COVID19 issue, it had not yet been carried out to the relevant external parties (communities, government) and thus this aligned, it is aligned with the interests and challenges related to water previously consulted with them.</p> <p>La norma estable que se comunicará a las partes interesadas pertinentes el plan de gestión sostenible del agua.</p> <p>Se tiene el plan de gestión del año 2020. Si bien se ha divulgado dicho plan a las partes interesadas internas (Gerencia, jefaturas y trabajadores) por medio de periódicos murales; por el tema del COVID19 aún no se había realizado a las partes pertinentes externas (comunidades, gobierno) y así este alineados ello este alineado a los intereses y desafíos relacionados al agua previamente consultados a ellos.</p>	<p><u>Causes</u></p> <ul style="list-style-type: none"> <li>• Prioritization of COVID 19 control activities</li> <li>• Restriction for interprovincial transportation</li> <li>• Restriction of virtual communication media.</li> <li>• Lack of effective coordination with interested parties.</li> <li>• Change in the customer service system</li> </ul> <p><u>Actions</u></p> <ul style="list-style-type: none"> <li>• Use the company's website to disseminate the Sustainable Water Management Plan</li> <li>• Establish telephone contacts and if possible in person.</li> <li>• Establish work schedule and direct managers of the EMS team</li> <li>• Implement virtual meetings with stakeholders as much as possible</li> </ul>

Also, some observations are:

- OBS: While the underground and surface catchment can be interconnected and the organization has focused on some topics across the Viru River catchment (which comprises several provinces) and in others only to the aquifer Viru, it should be noted that it is only an aquifer Viru. Consider specifying the scope of the AWS assessment in this first stage; to not omit evaluating some aspects (such as Stakeholders, challenges, etc.). (1.1.1)
- OBS: Consider verifying that if the catchment only has the municipality of Huancaquito, or also rother municipalities. (1.2.1)
- OBS: Even tough, there has a some letters of communication or direct meetings have been held, and it is stated that the previous years have been mentioned; there is no documented question of how to captures ideas from stakeholders, such as workers or community more recently. (1.2.1)

- OBS: Consider including the evaluation of the quantity of SSHH, WASH, SSHH, etc using some methodology, to validate the WASH on site (1.3.8)
- OBS: The organization may consider as a shared challenge the information of the aquifer Viru and the definition of plan required by national legislation (1.5.1)
- OBS: Consider as challenges, the lack of government information on aquifer interconnectivity with watersheds; and the demand vs aquifer Viru offer in specific to be able to determine if there are shortage, when presenting different assessments and taking action according to that information. Despite this, the initiatives are mentioned (1.5.3)
- OBS: While a "List of priorities" are shared challenges; consider including challenges that in light of revised information; that are shared between stakeholders (common between internal and external) (1.6.1)
- OBS: Consider detailing those responsible for maintaining legal compliance, in some job description, list or other; such responsible for delivering water volumes to ANA (2.2.1)
- OBS: Consider specifying the indicator compliance deadline. It is stated that they are all in December 2020 (2.2.1)
- OBS: Consider including within the water management Plan matrix a cost detail; as some activities are regular, such as irrigation system maintenance or wells (2.3.1)
- OBS: Considering in governance, specifying the actors with the Caules is intended to work as an ANA, Municipality Authority, etc. (2.3.1)
- OBS: A well 14 had negative value is observed in the 2020 record " well extraction monitoring", that could be typing error. (3.3)
- OBS: Consider safeguarding evidence of the activity of performing SSHH maintenance. (3.6)
- OBS: In the matrix of environmental indicators and their contribution is already assessed the indicator to 100% However, some activities are still in progress. The organization indicated that is an assessment of the progress of activities. (4.1.1)
- OBS: Consider documenting the others way to communicate to stakeholders, the charges of legal compliance officers, as defined in 2.2.1. It is stated that it is the income of each employee. (5.1.1)
- OBS: Communication efforts are still in progress with respect to shared challenges with external stakeholders. (5.4.1)

## **7 SUMMARY**

In reviewing the evidence presented by DANPER, it is apparent that a considerable quantity of effort and work has been put into the preparation for the audit for Alliance for Water Stewardship Certification.

It is evident that efforts have been made to close the nonconformities of the previous audit.

DANPER was considered to still have met the AWS Core criterion requirement.

Observations were made during the audit, these are to be considered as areas for improvement which will be reviewed in future recertification audit, no action is required on behalf of DANPER during this audit event.

The action plan submitted to SGS in response to the 02 non-conformities was reviewed and evaluated for compliance to the AWS standard. All actions were accepted for implementation and the actions taken will be reviewed at the next surveillance visit.



## 8 OPPORTUNITIES FOR IMPROVEMENT

The certification audit for DANPER against the AWS Standard is for the initial assessment for conformity and as such allows for many areas for improvement going forward.

- OM: Consider transpose within the location maps of the catchment of Rio and aquifer, districts and provinces to have a better understanding. (1.1.1)
- OM: Consider in the hydric balance, mention the final output, for example that the irrigation of the modules is infiltration and evotranspiración; This could be validated with meteorological data and soil Study (1.3.2)
- OM: The organization may require indicated that there are no major water related areas within the site. (1.3.6)
- OM: The organization can consider include in the costs the water monitoring. (1.3.7)
- OM: Consider as a shared challenge, not having specific water quality data for the entire aquifer, to know the aquifer water quality behavior. (1.5.4)
- OM: The organization can describe the puquiales that would be within reach catchment in order to focus action. (1.5.5)
- OM: The organization could verify if the water authority has data on how many well licenses for that aquifer are; or if there is any unauthorized in order to identified if there is a any challenge. (1.5.6)
- OM: While the best practices have been identified, consider that these are better technology, method that can be defined and yield an optimum result; and they could answer some challenge; and not necessarily what is still in project or run. (1.8.1)
- OM: While several activities are observed to ensure water quality (with respect to high nitrate values in water wells) to ensure that it is not a cause of the site, consider some activity to verify if it is a problem of aquifer in general or into specific area (2.3.1)
- OM: While there is a lack of data from Cuenca, or progress of some works by authority with regard to water wash quality, no objectives have yet been. Consider raising long-term objectives on those topics or establishing mechanisms to evaluate if this is a shared challenge (2.3.1)
- OM: Consider aligning the shared challenges in step 01 with the actions raised, and which may have long-term goals (3.4.2, 3.3.2)
- OM: Considers if puquiales are defined as areas of importance related to water, to assess whether activities have been effective. (3.5.1)
- OM: Although dissemination of activities such as irrigation kit donation, or bathroom in school construction, the organization could align these activities with any indicator or challenge. (5.4.1)

## 9 CONCLUSIONS AND RECOMMENDATIONS

The organization has demonstrated effective maintenance of its management system and is capable of achieving its policy objectives, as well as the intended results of the respective management system

The management review process demonstrated capability to ensure the continuing suitability, adequacy and effectiveness of the management system; and the implementation of the new requirements of the Version 02.

Given the evidence review and the site visit inspections performed, **SGS recommends** that, based on the results of this audit, **DANPER re-certificated in AWS Core Certification Management system with upgrade to Ver. 2.0**, with yearly surveillance audits.

**The certificate to be issued will be “PROVISIONAL” pending the first opportunity for SGS to visit the site.**

**The audit frequency is recommended to continue to be annually. As the re-certification was conducted virtually, a site visit is planned to be conducted for the surveillance audit in 2021.**