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Alliance for Water Stewardship Assessment Report

as per AWS Standard Version 2.0

For

Soorty Enterprises (Pvt.) Ltd. Unit 5&6

Plot#53-54, Sector#15, Korangi Industrial Area,

Karachi - Pakistan

Prepared by: TÜV Rheinland Arabia LLC (Pakistan Branch)
Cert. Number: AWS-000253
Version: AWS 2.0
Date: 25 - 26 November 2020

System
CSS-Corporate Sustainability Service

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Contents

1. Client and Certification Details

Client Name:	Soorty Enterprises (Pvt.) Ltd. Unit 5&6
Audit location:	Plot#53-54, Sector#15, Korangi Industrial Area, Karachi – Pakistan
Country:	Pakistan
Activities/Processes:	Manufacturing of Denim Garments
Contact person:	Mr. Sarfraz Cheema (COO & Head of Sustainability), Mrs. Nazia Mughal (Manager Sustainability and Water Management)
Contact email:	sarfraz.cheema@soorty.com, nazia.mughal@soorty.com
Company website:	https://soorty.com
AWS Reference Number:	AWS-000253
Type of audit:	Certification Audit
Audit date(s):	25 - 26 November 2020
Audit Standard:	V2.0
Proposed date of next audit:	November, 2021
Audit report completed by:	Mr. Rashid Mansoor (Lead Auditor) Mr. Akhlaq Hussain (Team Auditor) Ms. Syeda Zainab Abbas (Team Auditor / Expert)
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2. Executive Summary

Soorty Enterprises (Pvt.) Ltd. unit 5&6 is manufacturing of Denim Garments and having in house processes of fabric cutting, stitching, washing, spray, laser, finishing and packing. Under this scope of service covers the conformity assessment of water management and usage. The assessment was completed in compliance with the AWS Standard Version 2.0 dated on 26th November, 2020.

Factory found well deputed management team for AWS program leading by Mr. Sarfraz Cheema (COO & Head of Sustainability), Mrs. Nazia Mughal (Manager Sustainability and Water Management), Mr. Syed Raheel Zafar (Senrio Manager Compliance and Sustainability) and 10 other team members directly involved in whole process of AWS assessment.
Factory is located at plot#53-54, sector, Korangi industrial area, Karachi – Pakistan
GPS coordinator are as Latitude 24.83777, Longitude 67.1145
Factory found constructed in one building block with basement and three floors as;

Basement (dry process and utilities)
Ground Floor (washing and spray process and fabric store, Mosque)
Mezzanine Floor (offices, canteen)
First floor (finishing, packing, finish goods warehouse, mosque)
2nd floor (cutting, sewing, QA/QC, mosque)
3rd floor (embroidery, printing, QC, sewing, mosque)

Neighbor entities were found Brooks pharmaceutical, Hilton pharmaceutical, Toyota Southern Motors, Hilal Food, Shan food factory, Soorty Enterprises unit 2&3.

On November 25th – 26th, TÜV Rheinland conducted the on-site conformity assessment for Soorty Enterprises (Pvt.) Ltd. unit 5&6's facilities and activities as per requirement of the AWS Standard (Version 2.0). TÜV Rheinland also performed an evaluation for the site's performance against the AWS advance criteria. The score of the evaluation is 67 points, which fulfills AWS gold-level requirement.

Findings summary:

- Total: # 2
- Major non-conformities # Nil
  Minor non-conformities # 01
- Observation # 01

The management of Soorty Enterprises (Pvt.) Ltd. unit 5&6 found very committed towards the continual improvement. During the whole process of assessment factory found very open to share the AWS practices including documents.

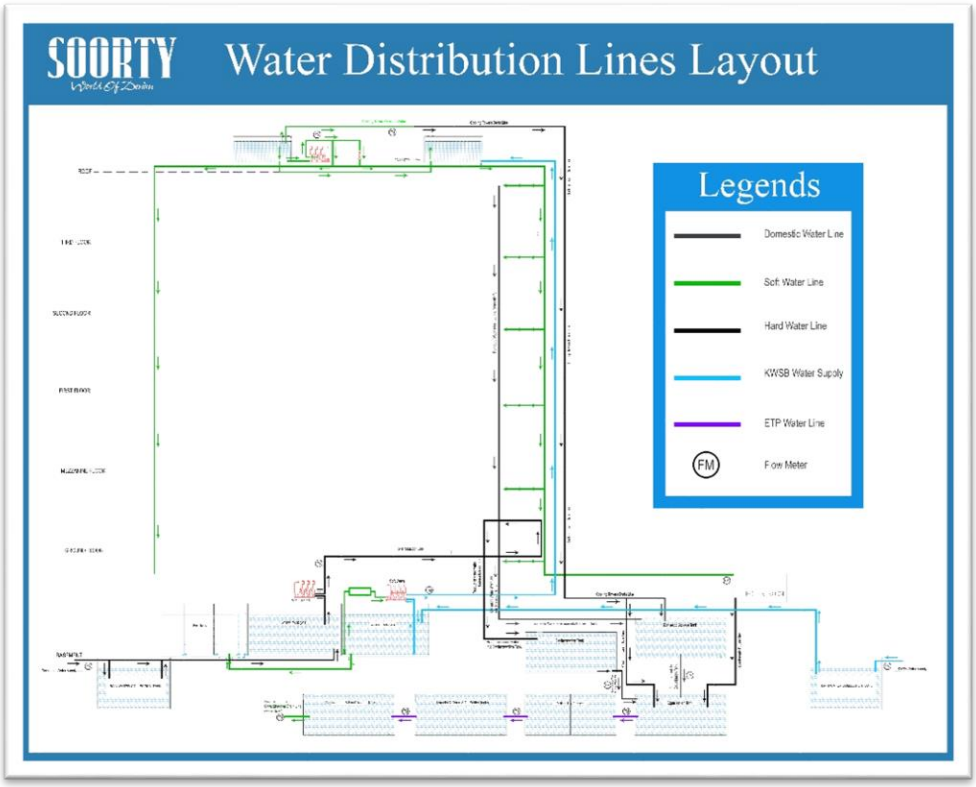
Certification level: **GOLD**
After thorough evaluation of the non-conformance and observations, in compliance with the AWS Certification Requirement V2.0 TÜV Rheinland auditor team would recommend to reward Soorty Enterprises (Pvt.) Ltd. unit 5&6 AWS Gold Certified status. Surveillance audit should be conducted on an annual basis.

3. Scope of Assessment

Client factories main products	Manufacturing of Denim Garments
Client factories production processes	Fabric cutting, stitching, washing, spray, laser, finishing and packing
Assessment preparations activities include:	Factory site visit, Document review, stakeholder comments collecting
Assessment on-site activities includes:	Document review, onsite inspection, management interview, employee interview, stakeholder interview
Assessment follow-up activities includes (in any):	Non-conformities desktop review

Picture 1: Aerial View of Soorty Enterprises Unit 5 & 6

Picture: Water distribution Layout



Picture: Territory of Malir River

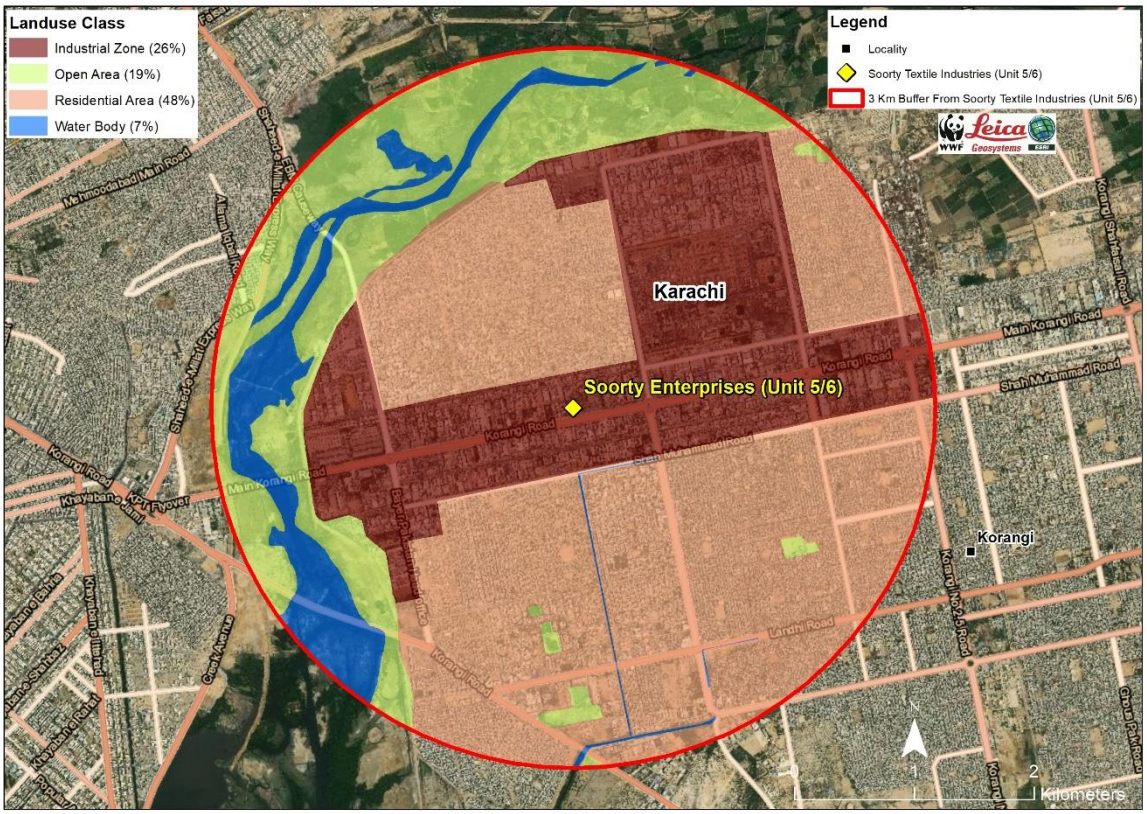
4. Description of the Catchment

Soorty Enterprises (Pvt.) Ltd. unit 5&6 used three source of water supply;

- Karachi Water & Sewerage Board (KWSB)
- Ayaz Enterprises (Contractor water supplier)
- Rainwater (250,000 galon storage capacity developed inside and through this facility save rain water 2277 cubic meter in year 2020).

The catchment taken as the distance covered in a circle of radius of 3 KM from the site location with the consultation of WWF. The total distance covered in this catchment is approx. 30 sq. km.
Taking surface runoff and streams flow as a criterion, Karachi's surface drainage can be divided into four parts including Malir River Basin, Lyari River Basin, Budnai Basin, and Coastal Basin. However, according to the hydrogeology of the city, Karachi lies in Malir River basin. In the west, it is surrounded by River Hub while in the east River Malir exists. River Malir, followed by Lyari channel drain the Malir basin. Both channels are transient; therefore, sewage and industrial effluent generally flow in it. River Hub is also transient but lacks wastewater contamination. Rivers Malir and Lyari are mainly responsible for recharging the coastal aquifers of Karachi. River Hub is recharging limited aquifers of Nari and Gaj formations. Furthermore, Rivers Malir and Lyari basins are the two main basins which drain about 80 per cent of the surface runoff of the city. Figure 1 represents the geographical locations of Rivers Malir and Lyari. Minor basins include Budnai and the coastal basins. Surface runoff is collected by hundreds of small and large channels in the basins, finally draining into the Arabian Sea

Catchment Area of Rivers



Picture: Waste Water Treatment Plant:

Waste water treatment 	Water flow meter of wastewater treatment plant 
Waste water outflow Municipal drain to Malir River 	Process flow ETP 

5. Summary of the Stakeholder meeting

During audit stakeholder meeting conducted with the local resident communities' factory management and workers as well. During meeting, they confirmed the Soorty Enterprises (Pvt.) Ltd. Unit 5&6 water related engagement effort and initiative towards shared water challenges.

Stakeholder name	Stakeholder type	Water-related challenge	Influence/to be influenced	Engagement
WWF	Water, Forest, Agriculture, Fisheries, Food,	• Water Quality • Water Scarcity • Water Governance	High	• Training on AWS • Advisory services on AWS / Water management
Korangi Association Trade Industry (KATI)	Government body dealing with industrial issue	• Water Quality • Water Scarcity • Water cost • Water Governance	High	• Combine awareness session • Water governance issue • Karachi K-4 project related to water municipal infrastructure project develop by provincial and federal Government of Pakistan. And through this 650 million fresh water supply to Karachi city.
Sindh Muslim Public Secondary School	Education	• Water Quality • Water Scarcity • Water Governance	Medium	• Provide hand wash station • Training water management
Shan Food	Food	• Water Quality • Water Scarcity • Water Governance	Medium	• Combine seminar on AWS • Combine ETP • Water re-cycle and conservation
MH Memorial Secondary School	Education	• Water Quality • Water Scarcity • Water Governance	Medium	• Provide 02 chilled water cooler • Training water management
Soorty Enterprises unit#9	Textile	• Water Quality • Water Scarcity • Water Governance • Water cost	Medium	• Combine seminar on AWS / water related issue • Water re-cycle plant • Installation on Eco efficient machine for washing
Intello ACE	Environment Consultant	• Water Quality • Water Scarcity	Medium	• Training on water management • Advisory services on Water
Water World International	Consultant Water and waste water treatment services provider	• Water Quality • Water Scarcity	Medium	• Training on water management • Advisory services on Water
Toyota Motor	Auto Mobil	• Water Quality • Water Scarcity	Medium	• Combine awareness session on water

		• Water cost		
Hilton Pharmaceutical	Pharmaceutical	• Water Quality • Water Scarcity • Water cost	Medium	• Installation of ETP • Recycle plant of waste water (pan approx. 50% water recycle) • Re-use of ablution water for plantation • Combine awareness session on water and environment
The Hunnar foundation	Technical Educational Institute	• Water Quality • Water Scarcity • Water cost	Medium	• Donation given to foundation Rs. 80000/- for support clean water initiative • Training on water management

6. Summary of Shared Water Challenges

Soorty Enterprise (Pvt.) Ltd. unit 5&6 identified shared water challenges in catchment area as well as beyond the fence line. We identified through awareness sessions, survey analysis, feedback forms and site to site meeting with stakeholders.

Soorty Enterprises Pvt Ltd, which is implementing Alliance for Water Stewardship Standard), observed shared water challenges in catchment area & prioritize below:

1. Water scarcity
2. Water quality
3. Cost of tanker water
4. Lack of awareness.
5. Poor governance.
6. Sanitation & Hygiene

Water-related challenges	Initiatives by related public institutions	Relevance to stakeholders	Relevance to site	Priority	Reason for prioritization
Water Scarcity	• Korangi Association of Trade & Industry (KATI) said Karachi K-IV project (a municipal infrastructure project being jointly developed by the provincial and federal Governments in Karachi, Pakistan) to augment the city's daily water supply. The project is designed to provide 650 million gallons of water daily to Karachi in three phases. The new water supply will be extracted from Keenjhar Lake through three water canals. The project was divided into three phases. Phase-I was to provide 260 millions of gallons fresh water per day to Karachi. Phase-II was also supposed to provide 260 MGD while Phase-III was to supply 130 MGD. • Hilton Pharmaceutical commitment to reuse of ablution water in gardening, recycle membrane filtration process & Tracking water consumption and maintaining the water balance sheet.	Availability of useable water decrease day by day.	Yes	1	As per local survey with the stakeholder

	• Soorty Enterprises Unit-2 (Internal stakeholder) recycled the processed water with efficiency of 67%. • Site has rainwater harvesting tank. • Soorty Management commitment to provide the water to Gulzar colony for local resident area. • Site has set target to recycle 60% process water which is under process. • Donation 8 Million to Green Crescent Trust to fulfill the requirement of water needs & hygiene/sanitation.				
Water Quality	• Hilton pharma commitment to Installed Effluent Treatment Plant (ETP) for treatment of process water. • Soorty management commitment for donation of 1 million for Karachi Institute of Kidney Diseases to Installation of new RO plant for dialysis process for clean water quality. • Soorty management commitment to provide chiller water cooler to M.H memorial school Mehran Town. • Shan foods commitment to Installed Effluent Treatment Plant (ETP) for treatment of process water. • Soorty Enterprises (Unit-9, Internal stakeholder) has Installed Effluent Treatment Plant (ETP) further plan to install the recycle water plant. • Clean water initiative at Hunar Foundation. Donate 80,000 PKR to fulfill requirement of water needs of corporate office & technical institute.	Water quality becoming pollutant day by day.	Yes	2	As per local survey with the stakeholder
Cost of Tanker Water	• Cost of tanker water overcome when supply of water will be sufficient to Korangi area as well as in Karachi after completion of Karachi K-IV project.	Increase the cost of electricity the water cost also	Yes	3	As per local survey with the stakeholder

	Right now no any initiative toward the cost of tanker water. In future site will discuss with contractors of tanker water supply to reduce & fix the rates for commercial & residential areas.	increased which effect the cost of production and living cost for community also becoming expensive.			
Lack of Awareness	• Site commitment to arrange awareness session with director on “National Institute of Oceanography” on ISO 46001 “Water Efficiency & Management System”. • Awareness brochures to community, stakeholders. • Site provided one day awareness session to school teachers about water availability, situation, challenges, and hygiene practices. • Consultation AWS awareness session to stakeholders. • Management Review Meeting with top management of Soorty about AWS importance, future water challenges, Sooty AWS Initiatives towards AWS. • Meeting & site visit of Committee of Environmental Counsellors (CEC) The aim to get this initiative recognized as a public private partnership and find solutions for most of our problems, we invite you all to be a part of this network. Site discloses & communicates water stewardship policy, AWS steps & outcome, benefits, effluent treatment plant technology. • Site commitment with Water World International to provide the awareness session in catchment area about water recycles technologies.	Training/awareness is key element to achieve the goal of AWS for organization and catchment as well.	Yes	4	As per local survey with the stakeholder

	• Shan Foods commitment to implement AWS standards & awareness session for management on AWS standard and benefits.				
Poor Governance	• ZOOM meeting with Chairperson & CEO, General Manager of Hisaar foundation. They discussed about the projects which site can initiative with like Water & Women Champaign, Karachi Water Partnership, Dialogues & Engagements, Training & Developments, and Women Support Program. • Partnership to develop Water Stewardship brochures for stakeholder. • Hissar Foundation & Soorty will develop "Water Conservation Guideline for Industries" • Panjwani-Hisaar Water Institute (PHWI) at NED University, Karachi under construction phase. • Representative from Korangi Association of Trade & Industry (KATI) & Sindh Environmental Protection Agency (SEPA) attended Alliance for Water Stewardship Consultation session discussed about Korangi Water Issues.	Poor Governance is key challenge to implementation of AWS requirement / good water management.	Yes	5	As per local survey with the stakeholder
Sanitation & Hygiene	• Commitment of IntelloACE to provide Awareness-based training sessions on topics related to Water and Sanitation, female hygiene and water related diseases • Celebrate the Global Hand Washing Day, theme 2020 " Hands Hygiene for All"	Sanitation and Hygiene effect the WASH requirement and this is common issue for factory and of its catchment.	Yes	6	As per local survey with the stakeholder

	• WaterAid partnership with site on different programs like Menstrual hygiene program, girl's friendly toilet, training on hygiene behavior changes which is under discussion phase. • Donate & Install Hand Wash Station to Sindh Muslim Public School (Bhittai Colony – Karachi).				

7. Indicators Checklists

Per requirements set from the AWS certification requirements V2.0, below is a checklist of all the AWS indicators. The documents reviewed/ processes reviewed are also indicated.

Core indicators:

Criteria	Documents Reviewed
STEP 1: Gather and Understand	
1.1 Define the physical scope: 1.1.1 Map site boundaries; 1.1.2 Water-related infrastructure, including piping network, owned or managed by the site or its parent organization 1.1.3 Any water sources providing water to the site that are owned or managed by the site or its parent organization 1.1.4 Water service provider (if applicable) and its ultimate water source 1.1.5 Discharge points and waste water service provider (if applicable) and ultimate receiving water body or bodies 1.1.6 Catchment(s) that the site affect(s) and is reliant upon for water	☒ Documentation or map of the site's boundaries ☒ Names and location of water sources ☒ Names and location of effluent discharge points ☐ Other : The whole facility occupied about 55223.723 square meters Its coordinates are 24.83777"N and 67.1145"E, and has about 3792 employees. Detail map of facility showed the water channels of raw water, wastewater and rain water. Soorty Enterprises (Pvt.) Ltd. unit 5&6 total average discharges 18360 cubic meter of water per day into the municipal drain. The receiving body of municipal drain is Malir Raver. Raw water and soft water supply through pipe lines and waste water drain used underground which connected with effluent treatment plant and rain water drain line separately functional. Treated waste water directly connected with Municipal waste water drain and Rain & Domestic water line directly discharged into the main Municipal waste water drain. The facility have three source of water as; • 13% Karachi Water and Sewerage Board (KWSB) supply the surface water. • 86% Ayaz Enterprises (extracted water contractor supplier) • 1% Rain water (250,000 gallon storage capacity developed inside facility) The wastewater was pre-treated in the wastewater treatment plant, and then emitted to the municipal waste water drain. Facility define 3 km catchment with the consultation of WWF Pakistan. Evidences: • WWF consultation meeting • Guideline document of AWS 1.0 V

1.2 Understand relevant stakeholders: 1.2.1 Stakeholders and their water-related challenges shall be identified. The process used for stakeholder identification shall be identified 1.2.2 Current and potential degree of influence between site and stakeholder shall be identified	☒ List of stakeholders ☒ Water-related challenges ☒ Current and potential degree of influence ☐ Other : The factory define the following shared water challenges were identified by the factory: 1.) Water scarcity 2.) Water quality 3.) Cost of tanker water 4.) Lack of awareness. 5.) Poor governance. 6.) Sanitation & Hygiene Factory found identified the potential degree of influence in AWS stakeholder matrix of all identified 40 stakeholders. Soorty Enterprises (Pvt.) Ltd. unit 5&6, the catchment is taken as the distance covered in a circle of radius of 3 km from the site. The total distance covered in this catchment is 30 sq. km. The major water bodies identified in this catchment are the following: 1.) Municipal waste water drain. 2.) Malir river Factory have defined tenmain categories of stakeholder as: i. Government (Korangi association of trade and industry (KATI), Sindh Environmental Protection Agency (SEPA), ii. Water partner (WWF, Hisar Foundation, Water Aid, Pakistan Water Partnership) iii. Industries (Hilal Food, Hilton pharmaceutical, Quality Dyeing, Shan Food, Brooks pharmaceutical) iv. Auto mobile (Toyota, Suzuki motor) v. Education (Mehran University, MH Memorial School, Sindh Muslim School, vi. Residential Societies (PNT colony, Gulzar Hijri colony) vii. Hospital (Eastside hospital) viii. Internal Stakeholders (Soorty unit 2&3, Soorty unit 6) ix. NGOs (The Hunar Foundation, Green Crescent Trust)

Criteria	Documents Reviewed
	x. Consultant (Intello ACE, Water world International, EHS Services Environmental & Analytical solution) During audit it was found that factory conduct meeting with stakeholders at their own site and also communicate/consult/give awareness inside factory. Evidences: • AWS Stakeholders Matrix • AWS-Stakeholders Engagement

1.3 Gather water-related data for the site: 1.3.1 Existing water-related incident response plans 1.3.2 Site water balance, including inflows, losses, storage, and outflows 1.3.3 Site water balance, inflows, losses, storage, and outflows, including indication of annual variance in water usage rates. An indication of annual high and low variances shall be quantified for risky water-related challenge 1.3.4 Water quality of the site's water source(s), provided waters, effluent and receiving water bodies. An indication of annual, and where appropriate, seasonal, high and low variances shall be quantified for risky water-related challenge 1.3.5 Potential sources of pollution, including chemicals used or stored on site 1.3.6 Mapping on-site Important Water-Related Areas, including a description of their status including Indigenous cultural values 1.3.7 Annual water-related costs, revenues, and a description or quantification of the social, cultural, environmental, or economic water-related value 1.3.8 Levels of access and adequacy of WASH at the site	☒ Water-related incident response plans ☒ Site water balance (in Mm^3 or m^3) ☒ Water quality of the site's water source(s), provided waters, effluent and receiving water bodies, such as water test reports ☐ Other : Factory established SOP for Emergency Response and Crisis Management to address the water related incident including spill response and its mitigation plan and hierarchy found define for the controlling and action committee. Facility found established the emergency response plan (ETP007-ERP, date 05-03-2020) found established for waste water treatment plant only, however incident related to heavy rainfall/storm and flood are not address in water emergency response plan. (Minor NCR#1) The facility has mapped the potential sources of pollution on the layout map, and malir river identified IWRA by the site So for no water related incident was reported at side. Factory found gathered the complete annual (Nov-19 to Oct-20) water data as; The facility conduct the cost analysis monthly, which covered the water-related costs such as direct water cost, water purification and treatment cost. Water purifiers (Water Filtration and RO Plant) are installed for drinking water and for production usage water. The facility regularly review the drinking water and reports are attached next to the purifiers points. The facility has provided sufficient toilets onsite with the hand wash and regularly cleaning carried out by the designated housekeeping staff. The facility also conducted cleaning and hygiene self-assessment to evaluate the level of onsite WASH. During audit it was found that drinking water and washroom facilities provided in whole facility and easily accessible for all workers. • Total washroom (bathroom & toilets) 553 • Total drinking water cooler 14

Criteria	Documents Reviewed
	Evidences: • Emergency Response • List of drinking water and washroom • Water balance summary • IWRA Mapping • Cleaning & Hygiene Reports
1.4 Gather data on the site's indirect water use: 1.4.1 The embedded water use of primary inputs, including quantity, quality and level of water risk within the site's catchment 1.4.2 The embedded water use of outsourced services shall be identified, and where those services originate within the site's catchment, quantified.	☒ List of primary inputs ☒ List of outsourced services ☐ Other : Factory found define supply chain (primary inputs source) for embedded water use. • Soorty Denim unit-8 (Fabric Supplier) • Soorty Denim unit-13, (Fabric Supplier) Factory was maintained the Inventory of chemicals used, as per ZDHC standards, available with site. Evidences: • BCI (Better Cotton Initiative) former result • Principle of Better Cotton Farmers Promote Water Stewardship • Cradle To Cradle Score Card • Water quality reports

1.5 Gather water-related data for the catchment: 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 1.5.2 Applicable water-related legal and regulatory requirements shall be identified, including legally-defined and/or stakeholder-verified customary water rights 1.5.3 The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance 1.5.4 Water quality, including physical, chemical, and biological status, of the catchment shall be identified, and where possible, quantified 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 1.5.6 Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events 1.5.7 The adequacy of available WASH services within the catchment	☒ Water governance initiatives ☒ Applicable water-related legal and regulatory requirements ☒ Catchment water balance (in Mm^3 or m^3) ☒ Documentation identifying Important Water-Related Areas (IWRA) ☐Other : Factory found develop the water stewardship strategy uploaded on the Sooty Group Website. This strategy will be revise as when required with respect to changes in legal or customer requirements. All applicable legal Regulations, permits and customer requirements found identified and available for on site. Factory found documented important water related area (IWRA) and made effort to identify and where possibly physically quantify water quality of important water bodies. These waters related areas have been identified on Map. Engagement and Stakeholder Awareness on IWRAs Conducted with below mentioned. • Sindh Muslim Secondary School • Shan Food • MH Memorial Secondary school • Soorty Enterprises unit#9 • Intello ACE • Water world International • Karachi Association of Trade and Industry (KATI) • Hilton Pharma • Toyota Motors They have also made efforts to measure their impact on IWRAs through groundwater assessment and drain water quality analysis. Based on the documentation and stakeholder interview, plant is leading the water stewardship of the local area. Karachi Association of Trade and Industry (KATI) responsible to provide/ensure the WASH services in all area (external side of factory/home/institute etc), and found the same implemented within the catchment.. **Evidences:** • Stakeholder engagement plan

Criteria	Documents Reviewed
	• List of Water Related applicable Legal Requirements
1.6 Understand current and future shared water challenges in the catchment: 1.6.1 Shared water challenges shall be identified and prioritized from the information gathered 1.6.2 Initiatives to address shared water challenges	☒ List of shared water challenges ☐ Other : Facility found established the list of shared water challenges in the catchment, by linking the water challenges identified by stakeholders with the site's water challenges. Evidences: • List of shared water challenges. • consultation sessions with local stakeholders
1.7 Understand the site's water risks and opportunities: 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 1.7.2 Water-related opportunities shall be identified, including how the site may participate, assessment and prioritization of potential savings, and business opportunities	☒ List of water risks facing the site ☒ List of water-related opportunities ☐ Other : Factory found established "Environmental Aspect & Impact Assessment and Control Sheet" in which the mechanism to access 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. Evidences: • Water Quality tests report • Water quality and quantity related risks • Reports on future water risk • Internal management meetings details to analyse water related risks and response plan

1.8 Understand best practice towards achieving AWS outcomes: 1.8.1 Relevant catchment best practice for water governance 1.8.2 Relevant sector and/or catchment best practice for water balance (either through water efficiency or less total water use) 1.8.3 Relevant sector and/or catchment best practice for water quality, including rationale for data source 1.8.4 Relevant catchment best practice for site maintenance of Important Water-Related Areas 1.8.5 Relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services	☒ List of best practice related to AWS requirement ☐ Other : Factory found prepared the list of best practices within the catchment like; <u>Good Water Governance</u> ♣ Stakeholder's awareness sessions on water stewardship. (Reference Documents: Water stewardship consultation report, Stakeholders meeting report, stakeholders awareness session on wastewater recycle treatment technologies, Webinar on best Industrial practices) ♣ AWS team awareness session for implementation of standards. (Reference Documents: AWS team capacity building awareness report) ♣ Awareness session on ISO standard 46001 "Water Efficiency & Management System. (Reference Documents: Pictures & Invitation) ♣ Panel discussion on addressing wastewater. (Reference Documents: Centre of Excellence in Responsible business-CERB Invitation letter, & discussion point) Meeting with Hisaar Foundation & Water Aid on different topics related to Karachi water policy, Industrial water saving guideline, girl's friendly toilet, menstrual hygiene program for site & catchment, training on hygiene behavior changes. (Reference Documents: Meeting Invitation Email) <u>Sustainable Water Balance</u> ♣ Recycle of processed water. (Reference Documents: Water Balance Sheet) ♣ E-Flow & Foam Bleach Machine. (Reference Documents: list of machineries) ♣ Cradle to Cradle certified product of primary input supply. (Reference Documents: Cradle to Cradle Certificate) ♣ Best Industrial Practices share with stakeholders & public. (Reference Documents: Presentation, Invitation letter & Email) ♣ Sustainable Tools for assessment & monitoring. (Reference Documents: Higg Index assessment score & Environmental Impact Measuring software, Clean chain) <u>Good Water Quality</u>

Criteria	Documents Reviewed
	♣ Using green chemistry chemical product in process. (Reference Documents: Chemical management SOP, In-check inventory report) ♣ Donation to Karachi Institute of Kidney Diseases. (Reference Documents: Acknowledgement letter) ♣ Analysis of drinking water report. (Reference Documents: Test Report) ♣ Drinking water facility in catchment school. (Reference Documents: Pictorial evidence, bill, receiving details) ♣ Disclose wastewater ZDHC report on gateway & IPE platform. (Reference Documents: Test Report, screenshot of gateway) ♣ Wastewater emergency plan & troubleshooting plan <u>Important Water Related Area</u> ♣ Corporate employee engagement program with WWF. I. Green workshop II. Beach cleaning III. Mangroves plantation IV. Transit walk (Reference Documents: Employee engagement proposal) ♣ Quality & environmental condition of important water related area. (Reference Documents: Case studies of Malir river & Keenjhar lake) <u>Safe Water, Sanitation & Hygiene for All (WASH)</u> Donated & Installed of chiller water cooler to catchment community school. (Reference Documents: Pictorial evidence, gate pass receiving details), acknowledge letter ♣ Donated & Installed Hand Wash station to catchment community school. (Reference Documents: Pictorial evidence, acknowledge letter) ♣ Awareness session to catchment community females on Significance of water resources for feminine hygiene management. (Reference Documents: Awareness session presentation, attendance, Invitation email, Social media post) ♣ MOU signed with stakeholders on improving water resource situations in community present in catchment area. (Reference Documents: MOU) ♣ Catchment community needs assessment (Reference Documents: survey form & data analysis) ♣ Training to housekeeping staff on waste

Criteria	Documents Reviewed
	management. (Reference Documents: Awareness session presentation, attendance) **Evidences:** • Meeting summaries with stakeholders to learn best practices in processes and catchment. • Best Practices towards AWS Outcomes

Criteria	Documents Reviewed
STEP 2: Commit	
2.1 Commit to water stewardship: 2.1.1 A signed and publicly disclosed site statement OR organizational document	☒ Statement ☐ Other : The facility does have the signed and publicly disclosed site statement is as " At Soorty Enterprises, we believe that water constitutes an essential component of life and every living thing – human, animal or plant – has a natural right to its free access and usage. This is the only way to ensure that eco-systems continue to function in balance and harmony. • Our goal is to promote progressive water stewardship – within our company and at the community level – which includes taking responsibility for the wellbeing of water resources and instituting effective conservation and sustainability efforts within residences and factories. • We believe and aim to support positive collective actions by companies, communities, NGOs, and public sector organizations and are willing to start with ourselves – by initiating and maintaining best international practices of water governance at Soorty Enterprises through optimizing water usage, improving water quality and reducing water pollution. We also commit to providing our unending cooperation to government bodies, stakeholders, and policy makers to address water related challenges in order to sustain the blessing of clean water resources for all generations to come Facility has posted the commitments at their websites is as http://www.soorty.com/sustainability/ Evidences: http://www.soorty.com/wp-content/uploads/2020/10/1-soorty-enterprises-water-stewardship-policy.pdf

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	☒Documented description of system ☐Other : The facility has system to maintain compliance obligation and getting update from different legal authorities, 3rd parties, client code of conduct and communicate these requirements with all employees and stakeholders. Following Regulations applicable with the factory: i. 1.- Sindh Irrigation and Drainage Authority ACT 1997 ii. 2- Sindh Environmental Protection Act (2014) iii. National Environmental Quality Standards 2000, 2010 iv. Sindh Environmental Quality Standards (Self-Monitoring & Reporting Rules 2014) v. National Environmental Policy (2005) vi. Sindh Factories Act 2015 <u>Customer Requirements:</u> i. ZDHC MRSL ii. CLEAN CHAIN iii. Higg FEM iv. OEKO Tex v. Global recycled Standard vi. Lead Platinum Certified vii. Global Organic Textile Standard viii. Cradle to cradle certification ix. Environmental Impact Measuring Software x. BHive Chemical inventory management xi. Bluesign Approved chemicals The facility has signed the commitment with UNGC (United Nation Global Compact) and major focused areas are as follows, UNGC COMMITMENT: ON 4 MAJOR AREAS: i. Human Rights ii. Labor iii. Environment iv. Anticorruption The factory has taken the initiative to comply UNGC commitment is as; THE CEO WATER MANDATE'S SIX COMMITMENT

Criteria	Documents Reviewed
	AREAS i. Direct Operations ii. Supply Chain & Watershed Management iii. Collective Action iv. Public Policy v. Community Engagement vi. Transparency Applicable permits: EPA NOC for process operation and ETP operations Evidences: • List of Water Related applicable Legal Requirements. • UNGC Confirmation Letter.
2.3 Create a water stewardship strategy and plan: 2.3.1 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 2.3.2 A water stewardship plan shall be identified	☒ Water stewardship strategy ☒ Water stewardship Plan ☐ Other : Soorty group has defined the mission, vision and goals. Facility has publicly posted at their website. Further factory mission statement regarding good water stewardship are in line with the AWS standard. http://www.soorty.com/wp-content/uploads/2020/10/1-soorty-enterprises-water-stewardship-policy.pdf Soorty Enterprises has defined the 2020 to 2021 water strategy plan, which has water stewardship objective and targets as well. The goals are SMART having details are as, action to be taken, time line, responsible person, estimated water savings, milestone against each target, remarks/ notes and estimated cost. Evidences: • Soorty Group AWS Commitment • http://www.soorty.com/sustainability/ • Environmental Management Strategy and Plan • Water reduction targets

Criteria	Documents Reviewed
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	☒ Water risk mitigation plan ☒ Other : Facility has identified shared water challenges with coordination of local legal authorities and stakeholders in the catchment. Facility has identified water risk including onsite and offsite. A detailed plan has been prepared and shared within organization, local legal authorities and nearby stakeholders. Share water challenges has been identified and a plan has been communicated to all relevant stakeholders. Factory has identified following share water challenges, i. 1-Water Scarcity ii. 2-Water Quality iii. 3-Cost of Tanker Water iv. 4-Lack of awareness. v. 5-Poor Governance vi. 6-Sanitation and Hygiene Facility is being tested the raw water quality by themselves on daily basis, wastewater on monthly basis and ZDHC wastewater testing is on bi-annual. Factory is being treated the wastewater through treatment plant. For scarcity factory is working with water contractors to reduce water extraction by using efficient methods like to promote water re-cycling. Factory has developed the plan to enhance automation in their laundry process to promote the water sustainable and efficient technology. Factory is being paid monthly bills for water extraction. Evidences: • Summary of Stakeholders Meeting, Shared Water Challenges & Action Plan • AWS Strategy Plan • Raw water and wastewater testing reports
STEP 3: Implement	

Criteria	Documents Reviewed
3.1 Implement plan to participate positively in catchment governance: 3.1.1 Evidence that the site has supported good catchment governance 3.1.2 Measures identified to respect the water rights of others including Indigenous peoples, that are not part of 3.1	☒ Good catchment governance evidence ☒ Identified measures ☐ Other : The site has supported and identified good catchment governance in the catchments including SEPA (Sindh Environmental Protection Agency) and KATI (Korangi Association of Trade & Industries). The factory has also identified the local communities and schools in the catchment and has arranged the training & awareness sessions with them. Evidences: • Summary of Stakeholders Meeting, Shared Water Challenges & Action Plan • Minutes of meeting with SEPA and KATI • Continual Improvement Plan • Water Stewardship Plan • Final report Implementation of AWS under ILES

Criteria	Documents Reviewed
3.2 Implement system to comply with water-related legal and regulatory requirements: 3.2.1 A process to verify full legal and regulatory 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	☒ Legal and regulatory compliance verification process ☒ Identified measures (if applicable) ☐ Other : The facility has provided, the documentation demonstrating legal compliance. Factory has established corrective actions procedure and documents to address if any legal violations. Factory has maintained letter of authorizations, audits reports and compliance submissions, etc. Facility is abiding by all legal compliance and till date there was no violation noted. The facility has system to maintain compliance obligation and getting update from different legal authorities, 3rd parties, client code of conduct and communicate with all managers and employees. Applicable permits: EPA NOC for process operation and ETP operations Monthly water charges from Karachi Water and Sewage board The factory has identified the water rights of others including Indigenous peoples, as factory has created the awareness with the local schools and markets in the vicinity for AWS journey. Factory is abiding the legal requirements in order to avoid any environmental impact on catchment areas. Factory has obtained all legal documents, all water and wastewater testing is being done from the 3rd party. Factory is following their client's code of conduct with respect to CSR activities. Factory has arranged the awareness sessions with in the catchments, Evidences: • Legislations and Guidelines List • Soorty Enterprises Unit 2&3 AWS Action Plan • Continual Improvement plan • Final report Implementation of AWS under ILES

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 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 3.3.3 Legally-binding documentation, if applicable, for the re-allocation of water to social, cultural or environmental needs	☒ Status of progress ☒ Water use efficiency annual target (if applicable) ☒ Legally-binding documentation (if applicable) ☐ Other : The factory has set the targets and achieved following, i. The site has developed the sustainable choices regarding sustainable technologies, sustainable processes, sustainable fibres ii. The site has set the target to use recycle water iii. Facility has saved water through soft water recovery system, condensate recovery system and waste heat recovery system. iv. The factory has improved the water conservation by using E-Flow & foam bleach machines in washing process v. Factory is being used sustainable fibres like organic cotton, BCI cotton, recycled cotton and recycled polyester vi. RO plant reject wastewater treat along with effluent wastewater to achieve TDS (Total Dissolve solids). Facility has established the annual water reductions plan based on water scarcity and shared water challenge are as, reduce water 56.4 % through, • Reuse water by 4.4% • Recycle treated wastewater by 46 % • Conservation and process improvement by 6 % Facility progress on the above projects are as 1.) Soorty Group has established BCI (better cotton initiative) supply chain to acquire sustainably grown cotton to current utilization is 20 % of yarn is BCI 2.) Collecting the condensate water and reuse at as boiler feed water. This save 10976 meter cube per annum steam 3.) All washing machines are up-system to have low liquor ratio. Factory has already purchased 2 E-Flow and 3-bleach foam machine, which save the water consumption in the washing. Factory has saved the 42 % of the liquor ratio of each batch. The factory has completed 6 projects are as,

Criteria	Documents Reviewed
	i. Donated 1 million PKR to Karachi Institute of Kidney Diseases Association for the installation of RO plant for dialysis process as a CSR initiative. . ii. Donated 0.08 million PKR to Hunar Foundation for clean water initiative program. iii. Donated hand wash station to Sindh Muslim Public School as a CSR initiative to promote WASH in the community. iv. Provided chiller water cooler to M.H memorial school Mehran Town. v. Donated 8 million PKR to Green Crescent Trust for the provision of clean water to maintain necessary Hygiene. vi. WWF partnership with Soorty on "Corporate employee engagement programs" included (Green Workshop, Beach Cleaning & Mangroves Plantation). Factory committed 1000 saplings of mangroves plant at WWF Wetland Centre, Sandspit Beach GPS Coordinates: 24°50'58.5"N 66°53'35.0"E & 34 Km from catchment. Evidences: • Water reduction targets in Continual Improvement Plan • Water Strategy Plan • Water Stewardship Plan • Employee Engagement Proposal

3.4 Maintain or improve site water quality: 3.4.1 Status of progress towards meeting water quality targets set in the water stewardship plan 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	☒ Status of progress ☒ Site's effluent best practice (if applicable) ☐ Other : The factory does have formulated procedure to deal and handle water related issues including quality standards. The factory has planned the targets related to water quality and progress is being made on monthly and bi-annually basis is as, KWSB (Karachi Water and Seaware Board) and water contractor, factory has taken up this quality issues with KATI (Korangi Association of Trade and Industries). This issue can be resolved by making law by the Govt. and regulatory authorities to make them implement on water providing services companies like KWSB and water contractor. Water Quality: Sorrty Group testing quality of raw water in house and wastewater discharge from third party labs as per SEQS (Sindh Environmental Quality Standard) and on ZDHC (Zero Discharge of Hazardous chemicals) guidelines on bi-annual basis. The site has installed biological based wastewater treatment plant and included recycling plant to recycle process water. Factor has taken various initiative to promote water quality in the community to achieve WASH standards for example factory has created awareness through trainings and brochures. Factory has made the progress, achieved foundational limits, and has made the target to achieve progressive until 2025 The factory has established the internal procedure and process to follow the legal and ZDHC compliance related to water quality. While reviewing the test reports of effluent wastewater, quality is legally compliant and all vales are within limits. Factory is following beyond the limits by following the ZDHC wastewater quality limits. Since water quality is a shared challenge, quality concern has identified by the factory and this taken into account in treatment and discharge location. Evidences:

Criteria	Documents Reviewed
	• Water quality report and wastewater report periodically for Soorty Group • Chemical Management S&C-018-CMP/GD • ZDHC protocol and guidelines. • ZDHC recommended chemicals usage • Conducted wastewater analysis from Malir River
3.5 Implement plan to maintain or improve the site's and/or catchments IWRAs: 3.5.1 Practices set in the water stewardship plan to maintain and/or enhance the site's IWRAs shall be implemented	☒ Practices set in the water stewardship plan ☒ Other : Factory has identified 1 IWRA's in the 3 KM catchment area and 1 IWRA's beyond the fence line of catchment, 1.) Malir River (with in catchment-Waste Drain) 2.) Keenjhar Lake (beyond catchment around, 138 KM from factory-fresh Water). The most polluted water is Malir River and factory has conducted the wastewater test report from 3rd party. The last report has conducted on 13-10-2020. The factory management taken this matter with Korangi Association Trade Industry (KATI) and following action plan has been initiated to overcome the water pollution like; • Combine session has been initiated to foster water pollution awareness • Water governance issue had discussed and recommendation have been made Evidences: • Water Stewardship plan • Test Reports of the Malir River Wastewater • Soorty Enterprises_3 KM_IWRA • Soorty Enterprises-Beyond Catchment • Water Quality of Keenjhar Lake & its Environmental Conditions • Water Quality & Environmental Conditions of Malir River

3.6 Implement plan to provide access to WASH: 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 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	☒ Evidence of site's provisions of WASH ☒ Evidence of site operations not affecting water rights of surrounding environment ☐ Other : The Soorty Group provided safe drinking water to employees and set 2-year target for community regarding provision of clean drinking water. The factory has made an additional provision to ensure all workers have access to WASH and that it takes equitable account of gender needs, and any other special needs based on requirements. This includes toilets, washing facilities, hygienic areas for food and drinking consumption, and potentially showers**.** Apart from above, the factory has set the WASH targets and partnership with WaterAid (stakeholder company) on different programs like Menstrual hygiene program, girl's friendly toilet, training on hygiene behaviour changes which is under discussion phase. The factory has donated & Installed Hand Wash Station to Sindh Muslim Public School Bhittai Colony. Soorty management has provided chiller water cooler to M.H memorial school Mehran Town. The factory has the agreement with 3rd party training service proving company IntelloACE to provide Awareness-based training sessions on topics related to Water and Sanitation, female hygiene and water related diseases. The factory has celebrated the Global Hand Washing Day, theme 2020 "Hands Hygiene for All" on 14-10-2020. Onsite toilets, hand wash facilities and other water supply and sanitation services has been documented According to Sindh Factories Act 2015: 50= (5 Washrooms) 2 additional for every 50 workers Factory has provided 553 toilets in production. Factory has installed the total 14 drinking water points Evidences: • Water Stewardship action plan

Criteria	Documents Reviewed
	• Significance of Water Resource for Feminine Hygiene Management • WASH (Water Sanitation and Hygiene Program) • Health & Safety Policy (ref#S&C-013-HSP/GD • Weekly Water Cooler Checklist • Floor and Wash room cleaning Checklist • List of Wash Room • List of Drinking Water Point

Criteria	Documents Reviewed
3.7 Implement plan to maintain or improve indirect water use within the catchment: 3.7.1 List of suppliers and service providers, along with the actions they have taken as a result of the site's engagement relating to indirect water use 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	☒ List of suppliers and service providers ☒ Evidence of engagement with suppliers and service providers ☐ Other : As the audited factory is cut to pack and processes are being started from fabric procurements, therefore, factory focusing to use the fabric of soorty group denim mills and it has shifted 20 % of yarn purchase to BCI supply chain and they have reduced 20% of water during cotton farming. They have used less pesticide and achieved 20% less pesticide as compared with the non-BCI farmers. They have reduced the use of fertilizers 15% as compared with non-BCI Yield of the overall production has been increased by 15% as compared with non-BCI farming Due to BCI farming profit has been increased by 37% Factory has membership of ZDHC gateway, and 80 % chemicals are used which has been approved by ZDHC. This has affected directly the environment and pollution load has been reduced. The factory is working with all fabric producers who are using BCI sustainable materials (yarns) supply chains and created the awareness with in the BCI suppliers to save water. Factory has organized awareness session for all yarns suppliers with collaborations of BCI on 04-07-2020, around 30 yarns suppliers across the country. Factory has participated in the session name as "No way out but to comply" chemical sustainability session organized by Archorma Pakistan on 25-02-2020 Evidences: • AWS action Plan • ZDHC gate way chemicals inventory list • Sustainable fibres details 2019 • Chemical Inventory List • BCI Agenda-Lahore Suppliers training • Archorma Chem Sustainability Session

Criteria	Documents Reviewed
3.8 Notify the owners of shared water-related infrastructure of any concerns: 4.8.1 Evidence of engagement, and the key messages relayed with confirmation of receipt	☒ Evidence of engagement ☐ Other : The factory has maintained all the records of the awareness sessions and produced during the audit. They have supplier list with contacts details. Factory has arranged the awareness session with the suppliers and stakeholders and discussed common risks. The key issues were discussed related to water challenges and how to mitigate through joint efforts including AWS awareness. Evidences: • Soorty fabric Mills Meeting details • Approved Suppliers List • Minutes of meeting with SEPA 12-10-2020 • Minutes of meeting with KATI 12-10-2020

3.9 Implement actions to achieve best practice towards AWS outcomes: 3.9.1 Actions towards achieving best practice, related to water governance 3.9.2 Actions towards achieving best practice, related to targets in terms of water balance 3.9.3 Actions towards achieving best practice, related to targets in terms of water quality 3.9.4 Actions towards achieving best practice, related to targets in terms of the site's maintenance of IWRAs 3.9.5 Actions towards achieving best practice, related to targets in terms of WASH	☒ Actions related to water governance ☒ Actions related to water balance ☒ Actions related to water quality ☒ Actions related to IWRAs ☒ Actions related to WASH ☐ Other : The factory had established a water stewardship action plan having following points is as • Policy to routinely reviewed and updated • Responsibility for water stewardship to senior staff has been designated • The Water Stewardship team has established and responsibility of each member well communicated. • The factory has arranged the training of all employees on the principles of water stewardship and ensured this that they can incorporate within their daily tasks and responsibilities • The facility has developed the brochure related to shared water challenges and has been communicated to the relevant water related stakeholders • The facility has been engaging with peer organizations and stakeholders to promote water stewardship, like stakeholders engagement with in the catchments and with others interested parties beyond the catchment. • The facility has supported legal authority like KATI, SEPA for good water governance and stewardship Factory has developed the water balance data, which comprises of water receiving from contractor & KWSB, water usage in processes, domestic usage and evaporation losses during the processes. Monitoring of wastewater is being done by an inlet and out let through electromagnetic water flow meter. All water balance data can be traced by flow meter installed at water receiving form contactor/ KWSB storage tanks and usage point. The factory has achieved all the SEQS (Sindh Environmental Quality Standard) related to drinking and wastewater through 3rd party testing reports. The factory has achieved the foundational limits of wastewater quality of the ZDHC and now working for the progressive value achievements.

Criteria	Documents Reviewed
	The site has identified two IWRAs with in the catchments like • Malir River (With in catchment of 3 KM) • Keenjhar Lake (Beyond the catchment, 138 KM from factory) Factory has arranged the 3rd party wastewater reports from the Malir River where all the industries disposed off their wastewaters. This is beyond the legal requirements of testing the water quality from the public drain. The facility has provided more than legally required toilets areas in the facility to promote hygiene practices in the factory. Factory has provided 20 drinking water points. Evidences: • Water Stewardship plan • Soorty Enterprises_3 KM_IWRA • Soorty Enterprises-Beyond Catchment • Water Quality of Keenjhar Lake & its Environmental Conditions • Water Quality & Environmental Conditions of Malir River • Significance of Water Resource for Feminine Hygiene Management • WASH (Water Sanitation and Hygiene Program) • Health & Safety Policy (ref# S&C-011-H&S) • Weekly Water Cooler Checklist • Floor and Wash room cleaning Checklist • List of Wash Room • List of Drinking Water Point • Wastewater Test Reports • ZDHC waste water test reports • Test Reports of the Malir River Wastewater
STEP 4: Evaluate	

4.1 Evaluate the site's performance: 4.1.1 Performance against targets in the site's water stewardship plan and the contribution to achieving water stewardship outcomes shall be evaluated 4.1.2 Value creation resulting from the water stewardship plan shall be evaluated 4.1.3 The shared value benefits in the catchment shall be identified and where applicable, quantified	☒ Performance against targets ☒ Value creation ☒ The shared value benefits (if applicable) ☐ Other : The factory has listed the targets for action and improvement from its water stewardship plan, and reported the performance to achieve the outcomes. The factory has made the targets and plan in their AWS water stewardship policy and plan. Factory has achieved the following AWS outcomes assessment through WWF, a project under ILES. • Water Governance • Water Quantity and quality (Sustainable water balance) • 3) Important water related areas • WASH The factory has achieved the value creation from the water stewardship plan evaluation is as; 1.) Factory has conducted the drinking water testing from authorized approved 3rd party, all the test reports meet the Sindh Environmental quality standards, reports has been presented during audit, last test carried out on 21-05-2020 2.) By abiding the customer requirements like ZDHC, clean chain, amfori BEPI, Higg FEM, bluesign approved chemicals, Bhive and EIM tools (Environmental Impact Measuring Software), certified green office, recycled claim standards, Global Organic Textile Standard, Organic content standard, 3.) Engagement and stakeholder's awareness on important water related areas to create value on water savings. 4.) Installation of heat recovery boiler to recover steam condensate 5.) Re-use the water in the washing process and saved 5% water. 6.). 2 chiller water cooler has been installed for the local community (Mehran Town) 7.) 1 hand wash station has been installed at Sindh Muslim Public school Bhattai Colony.

Criteria	Documents Reviewed
	8.) To achieve clean water initiative & sanitation, factory has donated amount to Hunar Foundation and green crescent trust. The factory helped them to achieve the cleaning and hygienic practices. According to Sindh Factories Act 2015: 50= (5 Washrooms) 2 additional for every 50 workers factory has provided 553 toilets in production. Factory has installed the total 14 drinking water points Factory has identified the shared value benefits in the catchments is as; 1.) Donated the amount of 0.08 million and 8 million respectively to Hunar Foundation and Green Crescent Trust has been as CSR and clean water initiative. The Hunar Foundation has used the amount to purchased clean drinking water to served 100 persons for the period of last 6 months. The green crescent trust has used the amount for the provision of clean water to maintain necessary hygiene and upgraded sanitary fixtures. 2.) Donate 1 million PKR to Karachi Institute of Kidney Disease Association to install RO plant used in the dialysis process. 3.) Construct a Rain Water Harvesting Tank, which saved water 2277-meter cube within one year. Evidences: • Water Stewardship Action Plan • Water Strategy Plan • Final report implementation of AWS under ILES • Drinking water test report • Wastewater test reported • Water consumption and balance report • WASH-washrooms and water cooler data • Shared Water Challenges • -Best Practices Towards AWS outcomes

Criteria	Documents Reviewed
4.2 Evaluate the impacts of water-related emergency incidents: 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	☒ A written annual review and root-cause analysis ☐ Other : The facility has established emergency incidents such as rainstorm; flood and failure of effluent treatment plant for example mechanical, electrical failure, fire incidence and water over flow. The factory has formulated system to report at least annually on any significant or emergency water-related events, its response, actions and outcome to the local authorities and customers (if any). Which is aim to understand the cause of events, and where appropriate, implement new actions or modify its water stewardship plan. The water emergency response plan and wastewater treatment plant is comprises of fire control, bomb threat, transportation incident, civil unrest, war emergencies, arson and sabotage, spill response, shortage of natural resources, earthquake, flood, rain storm, wind storm, and effluent treatment plant. The annual review has been evaluated during the assessment of internal audit and WWF project, a project by the ILES. Moreover, as per policy and procedure all incidents shall be evaluated during annual review meeting however, until date no such incidents happened in the factory. Evidences: • Water and wastewater emergency response plan • Emergency Response plan team • Incident and investigation report • Management Review Meetings • Continual improvement plan • Final Report: Implementation of AWS under ILES

Criteria	Documents Reviewed
4.3 Evaluate the stakeholders' consultation feedback: 4.3.1 Consultation efforts with stakeholders on the site's water stewardship performance shall be identified	☒ A written annual review and root-cause analysis ☐ Other : The facility has established emergency incidents such as rainstorm; flood and failure of effluent treatment plant for example mechanical, electrical failure, fire incidence and water over flow. The factory has formulated system to report at least annually on any significant or emergency water-related events, its response, actions and outcome to the local authorities and customers (if any). Which is aim to understand the cause of events, and where appropriate, implement new actions or modify its water stewardship plan. The water emergency response plan and wastewater treatment plant is comprises of fire control, bomb threat, transportation incident, civil unrest, war emergencies, arson and sabotage, spill response, shortage of natural resources, earthquake, flood, rain storm, wind storm, and effluent treatment plant. The annual review has been evaluated during the assessment of internal audit and WWF project, a project by the ILES. Moreover, as per policy and procedure all incidents shall be evaluated during annual review meeting however, until date no such incidents happened in the factory. Evidences: • Water and wastewater emergency response plan • Emergency Response plan team • Incident and investigation report • Management Review Meetings • Continual improvement plan • Final Report: Implementation of AWS under ILES

Criteria	Documents Reviewed
4.4 Evaluate and updated the site's water stewardship plan: 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	☒ Modification of water stewardship plan ☐ Other : The factory has developed Water stewardship policy and uploaded on the Soorty Website. This strategy will be revised as when required with respect to changes in legal or customer requirements. The factory has arranged third party assessment from WWF under the project ILES to evaluate water and energy consumptions and has been revised their water savings opportunities upon their recommendations. Factory has revised the action plan and water related strategies based on the said report. Moreover, factory is working with Higg index tool, which is used to be the effective textile sustainable tools, factory has implemented the actions plans based on the 2019 3rd party verifications. Evidences: • WWF Energy and Water report • Internal Audit • Higg Index
STEP 5: Communication and Disclosure	
5.1 Disclose water-related internal governance of the site's management: 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	☒ Summary of governance ☐ Other : Facility has developed water stewardship strategy and it is signed by Mr. Sarfraz Cheema (COO & Head of Sustainability) and is also publically available at website. An organization chart was established that indicates the team accountable for water stewardship and it is also shared with relevant stakeholders. Awareness brochures were distributed among community to create awareness regarding water governance. Evidences: • Doc ref. no: Soorty Enterprises Water Stewardship Policy • Doc ref no: Communication & disclose information with stakeholders • http://www.soorty.com/sustainability/ • stakeholders interviews

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	☒ Documented evidence of communicating ☐ Other : Water stewardship plan addressing the AWS outcomes is distributed to all stakeholders Water Governance: Soorty Enterprises Unit 5 & 6 have taken initiatives towards Good Water Governance that includes awareness sessions with stake holders on water stewardship, Awareness session in ISO 46001 based on Water Efficiency & management. Sustainable water balance: Facility is planning to recycle its processed water for effective water management and reduce the dependency on tanker mafia. Facility has taken initiative and installed E- flow and Foam bleach system for water conservation. Rain harvesting tank having capacity of 1345 m3 is installed at Soorty Enterprises Unit 5 -6. Water Quality: Soorty Enterprises has donated 1 million Rs to Karachi Institute of Kidney Diseases for the installation of RO plant. Facility's Wastewater ZDHC report is available on ZDHC Gateway and IPE Platform. Important Water Related Areas: Facility has reported case studies on Quality and environmental conditions of Malir River & Keenjhar Lake. WASH: Soorty Enterprises has celebrated Global Handwashing Day on 14th October 2020. Facility provided Handwash station to Catchment School. Facility has arranged Awareness session to catchment community females on significance of water resources for feminine hygiene management. Facility has conducted catchment community needs Assessment. Training has been provided to housekeeping staff on waste management. Evidences:

Criteria	Documents Reviewed
	Doc ref no: Water Stewardship best practices reference no. AWS-002-AWS.
5.3 Disclose annual site water stewardship summary: 5.3.1 A summary of the site's water stewardship performance, including quantified performance against targets, shall be disclosed annually at a minimum	☒ Water stewardship performance summary ☐ Other : Water reduction plan developed by the facility and found effectively implemented. Facility undergoes ZDHC testing twice a year and the information is disclosed with stakeholders and is publically available at ZDHC portal. Soorty Enterprises Unit 5&6 has developed a Water Strategy Plan that highlights the following achieved targets in the year 2020 to 2021: Steam condensate return & reuse that saves 45-60 % of water. Rainwater harvesting tank saves 1136 cubic meter of water. RO plant reject water mix with Waste water treatment plant water and saves the water. Evidences: Continual Improvement Plan 2021. Doc ref no: Soorty Enterprises Water Strategy Plan

Criteria	Documents Reviewed
5.4 Disclose efforts to collectively address shared water challenges: 5.4.1 The site's shared water-related challenges and efforts made to address these challenges shall be disclosed 5.4.2 Efforts made by the site to engage stakeholders and coordinate and support public-sector agencies shall be identified	☒ Disclosure evidence ☐ Other : Facility has organized an awareness session with its stakeholders regarding water conservation and management. A webinar was conducted on 22 July, 2020 on ''Best Industrial Practices'' in which best practices regarding water conservation and management were discussed. Facility has identified their shared water challenges with their stakeholders in AWS action plan and shared hard copies with respective interested parties. Invitation letters to all stakeholders were sent by Ms. Nazia Mughal to attend seminars on AWS. Evidences: • Doc ref: List of Stakeholders Meeting an Shared Water Challenges • Doc ref no: Soorty Enterprises Consultation Report, reference no. AWS-002-AWS

Criteria	Documents Reviewed
5.5 Communicate transparency in water-related compliance: 5.5.1 Any site water-related compliance violations and associated corrections shall be disclosed 5.5.2 Necessary corrective actions taken by the site to prevent future occurrences shall be disclosed if applicable 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	☒ List of water-related compliance violations with corresponding corrective actions ☐ Other : No water related compliance violation identified via the internet research and stakeholder engagement. All onsite and offsite possible water related risks have been identified that includes: • Physical risks • Regulatory & reputational risks. Physical risk includes water stress, water depletion, internal variability, Drought Risk, Untreated connected wastewater, coastal Eutrophication Potential. Regulatory and reputational risks include Unimproved/ No drinking water, Unimproved/ no sanitation. Evidences: • Doc ref no: Site water Risk (AWS-002-AWS) • Brochures distributed in local community

Advance indicators: for GOLD level certification requirement:

Criteria	Evidences	Score
1.4.3 The embedded water use of primary inputs in catchment(s) of origin shall be quantified. (7 points)	Soorty Enterprises (Pvt.) Ltd. Unit 5&6 screened and identified the supplier accounted for 5 percent of the cost, and then sent the questionnaires to investigate their indirect water consumption. Moreover, by using WWF's map of water risk filter, factory evaluated the water related risk level in the catchment where the suppliers are located. Below are the main primary goods suppliers are as; • Soorty Denim unit-08 (fabric supplier) • Soorty Denim unit-13 (fabric supplier) Factory have completed data related to water consumption including ZDHC reports of primary suppliers Evidences: • Supplier questionnaire • Indirect water investigation summary report	7

<table>
<tr><td></td><td>WRI (World Resource Institute) Aqueduct Water Tool)</td><td></td></tr>
<tr><td>1.5.8
Efforts by the site to support and undertake catchment level water-related data collection shall be identified. (4-7 points)</td><td>Facility found gather the water related data through community assessment water survey form in Aug-2020 with main stakeholder and following risk identified and prioritize after the survey,
Water Quality
Water scarcity
Hygiene & Sanitation
Contractor water cost and
Water governance not included</td><td>4</td></tr>
<tr><td>1.5.9
The adequacy of WASH provision within the catchments of origin of primary inputs shall be identified. (4 points).</td><td>Factory found conducted survey in which include the WASH requirement. Initially it conducted 30 each residential colony and total 120 performed and increase every next year. Factory has identified adequacy of WASH provision within the catchments of origin of primary inputs including the coverage of safety drinking water supply, the coverage of wastewater treatment, the rate of security disposal of municipal solid waste, and public facilities and environmental sanitation in urban districts.
Below is survey detail:<table><tr><th>No of phase</th><th>Community</th><th>No of Assessment</th><th>Total Assessment</th><th>Year</th></tr><tr><td>phase1</td><td>Mehran town, Gulzar Hijri colony, bhittai colony, P&T colony</td><td>30</td><td>120</td><td>2020</td></tr><tr><td>phase 2</td><td>Mehran town, Gulzar Hijri colony, bhittai colony, P&T colony</td><td>50</td><td>200</td><td>2021</td></tr><tr><td>phase 3</td><td>Mehran town, Gulzar Hijri colony, bhittai colony, P&T colony</td><td>100</td><td>400</td><td>2022</td></tr></table></td><td>4</td></tr>
<tr><td>1.6.3
Future water issues shall be identified, including anticipated impacts and trends. (3 points)</td><td>Facility found define future water challenges define as;
Water scarcity
Water Management and Governance
Water Related Disease
Water Quality
Along with above challenges facility also collect the information of future water issues, anticipated impacts and trends in the Emergency Response Plan. Water demand increase due to increase in population is one of future anticipated challenge.</td><td>3</td></tr>
</table>

1.6.4 Potential water-related social impacts from the site shall be identified, resulting in a social impact assessment with a particular focus on water. (4 points)	Factory found define the water related risk in social risk assessment, environment aspect and impact assessment & control sheet and its regular frequency for review need to address as well.	4
2.1.2 A statement that explicitly covers all requirements set out in Indicator 2.1.1 and is signed by the organization's senior-most executive or governance body and publicly disclosed shall be identified. (1 point)	Policy found signed by the top management (Chief Operating Officer and Head of Sustainability and Director Operation) and disclosed publically on website in English and local language as well. Policy found translate in local language and communicate publically, further indicated 2.1.1 need to be fully address.	1
2.3.3 The site's partnership/water stewardship activities with other sites within the same catchment (which may or may not be under the same organisational ownership) shall be identified and described. (4 points)	Factory conducted awareness session with interested parties within catchment including Intello ACE, combine session with National Institute of Oceanography, and have plan with Water World International. Other stakeholder Hisar Foundation and Water Aid engaged with water stewardship plan. Evidence: Soorty AWS policy	4
2.4.2 A plan to mitigate or adapt to water risks associated with climate change projections developed in co-ordination with relevant public-sector and infrastructure agencies shall be identified. (6 points)	Plan found established to mitigate the risk associate with climate change projection develop in coordination with relevant stakeholder. Factory found establish the "Climate Mitigation Plan" and address the Carbon capture through plant, energy conservation, Fluorescent light vs LEDs, Rain water harvesting, mangroves plants. Evidence: Climate Mitigate Plan	6
3.1.4 Evidence from a representative range of stakeholders showing consensus that the site is seen as positively contributing to the good water governance of the catchment shall be identified. (2 points)	Factory engage the stake holder and get the commitment letter on supporting and implementation of AWS standard received from stakeholder. Hand washing station given to community school evidence of appreciation letter received"	2
3.6.3 A list of actions taken to support the provision to stakeholders in the catchment of access to safe drinking water, adequate sanitation and	Water cooler provide to school, and water pump provide to Nusrat Colony. Awareness session on hygiene and sanitation given to local community. Evidence: Site visit and meeting with stake holders sites.	5

hygiene awareness shall be identified. (5 points)	Best Practices towards AWS Outcomes	
3.7.3 Actions taken to address water related risks and challenges related to indirect water use outside the catchment shall be documented and evaluated. (5-7 points)	Indirect water data gathered of primary suppliers and test report available and water reduction targets established. Complete water related data also available for review. Both primary supplier have assessment on Higg Index and got good scored.	5
3.9.6 Achievement of identified best practice related to targets in terms of good water governance shall be quantified. (8 points)	Factory found documented the best practices relevance to good water governance. Review the objective evidence of 1 million donation for the purpose of good water governance including R.O Plant given to Karachi Institute of Kidney Diseases Association. However it needs the be segregate and quantified between the both factories (Soorty Enterprises unit#2&3 and unit#5&6)	8
3.9.9 Achievement of identified best practices related to targets in terms of the site's maintenance of Important Water-Related Areas have been implemented. (8 points)	Improvement water related area program design with WWF. Such plan vs achievement define in best practices towards AWS outcome as; • Corporate employee engagement program with WWF. ○ Green workshop ○ Beach cleaning ○ Mangroves plantation ○ Transit walk • Quality & environmental condition of important water related area. (Reference Documents: Case studies of Malir river & Keenjhar lake) Evidence: Employee engagement proposal Best Practices towards AWS Outcomes	8
3.9.11 A list of efforts to spread best practices shall be identified. (3 points)	Factory found communicate with all stakeholder their best practice toward AWS outcome including water quality, WASH, and good water governance etc Evidence: Best Practices towards AWS Outcomes	3
4.1.4 A governance or executive-level review, including discussion of shared water challenges, water risks, and opportunities, and any water-related cost savings or benefits realized, and any relevant	MRM (Management Review Meeting) conducted on 09-11-2020 and reviewed / discussed the AWS program, objective, outcomes, challenges, water risk and opportunities and costing and saving, and action plan etc Evidence: Management review meeting	3

incidents shall be identified. (3 points)		
Total Score		**67**
AWS Level		**Gold**

Assessment Non-conformities:

Major non-conformities:

NO.	AWS Expectations	Description of non-conformity	Client's response and Documentation provided	Auditors' assessment
	None	NA	NA	NA

Minor non-conformities:

NO.	AWS Expectations	Description of non-conformity	Client's response and Documentation provided	Auditors' assessment
1	1.3.1 Existing water-related incident response plans shall be identified	Factory found established and communicate the water emergency response plan, however incident related to heavy rainfall/storm and flood are not address in water emergency response plan.	It was overlooked to incorporate, now the emergency response plan updated and add missing incident related to heavy rainfall/storm and flood.	Corrective action taken reviewed and found appropriate and non-conformities now closed.

Observations:

NO.	AWS Expectations	Description of non-conformity	Client's response and Documentation provided	Auditors' assessment
1	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.	Facility found develop the legal and regularity requirement however, Irrigation and drainage act 1997 also need to update in list of application law.	NA	NA

8. Summary and Conclusion of the Assessment

In assessment of the water stewardship performance of the Soorty Enterprises (Pvt.) Ltd. Unit5&6 it is apparent that the sites put considerable effort to adopt the AWS standard into the management system.

During audit non major non-conformity was observed, one minor non-conformity and one observation reported on which factory commit to take the appropriate corrective action.

All evidences provided to TÜV Rheinland to address the non-conformity was reviewed and evaluated, to ensure the compliance to the AWS standard. All actions were accepted as sufficient to close the non-conformity.

The advance-level criteria evaluation is performed and the score is 67 points, which reached the requirement of Gold Level (over 40 point).

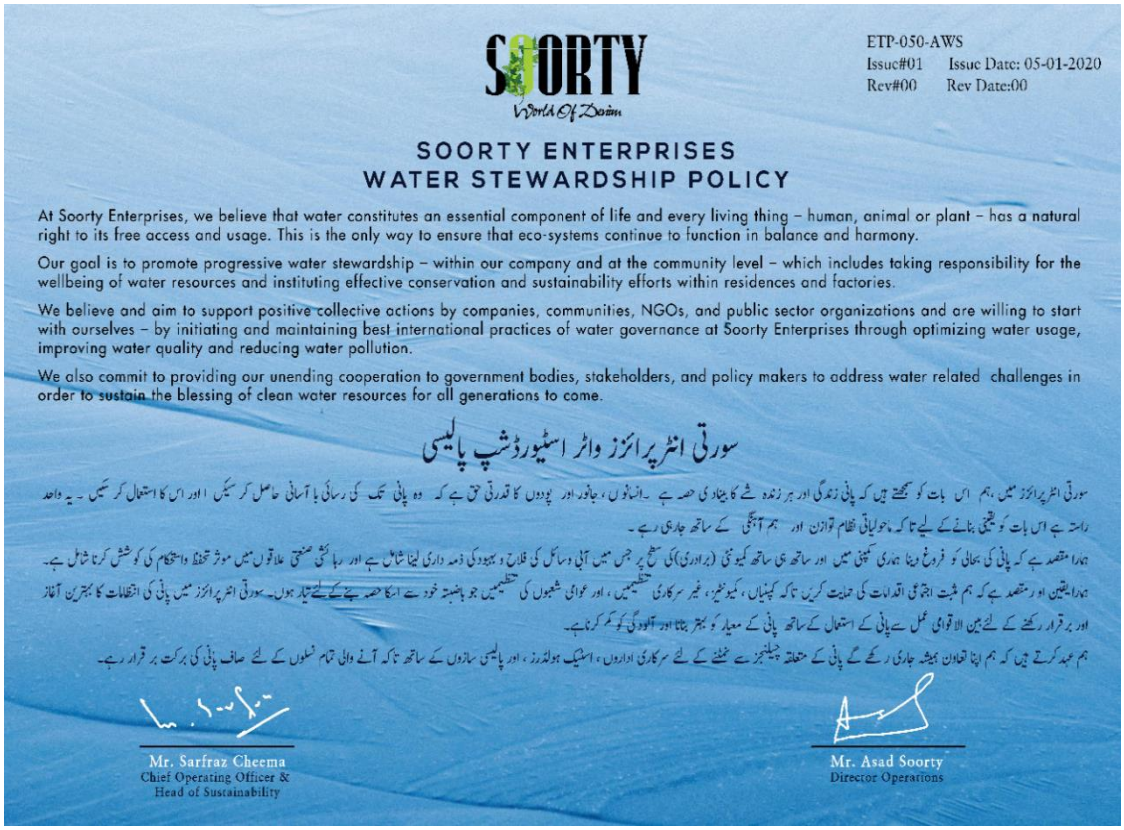
In conclusion, Soorty Enterprises (Pvt.) Ltd. Unit5&6 met the AWS Standard Version 2.0 –Gold Level.

9. Opportunity and Improvement

Used and unused cups at drinking water point in sewing department were not segregated that might result in spreading of Covid 19, so need to use disposable cup or portable drinking water bottles.

10. Appendix

Appendix-1: Soorty Enterprises Water Stewardship Policy



SOORTY
World Of Denim

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SOORTY ENTERPRISES
WATER STEWARDSHIP POLICY

At Soorty Enterprises, we believe that water constitutes an essential component of life and every living thing – human, animal or plant – has a natural right to its free access and usage. This is the only way to ensure that eco-systems continue to function in balance and harmony.

Our goal is to promote progressive water stewardship – within our company and at the community level – which includes taking responsibility for the wellbeing of water resources and instituting effective conservation and sustainability efforts within residences and factories.

We believe and aim to support positive collective actions by companies, communities, NGOs, and public sector organizations and are willing to start with ourselves – by initiating and maintaining best international practices of water governance at Soorty Enterprises through optimizing water usage, improving water quality and reducing water pollution.

We also commit to providing our unending cooperation to government bodies, stakeholders, and policy makers to address water related challenges in order to sustain the blessing of clean water resources for all generations to come.

سورتی انٹرپرائزز واٹر اسٹیورڈشپ پالیسی

سورتی انٹرپرائزز میں، ہم اس بات کو سمجھتے ہیں کہ پانی زندگی اور ہر زندہ شے کا بنیادی حصہ ہے۔ انسانوں، جانور اور پودوں کا قدرتی حق ہے کہ وہ پانی تک کی رسائی با آسانی حاصل کر سکیں اور اس کا استعمال کر سکیں۔ یہ واحد راستہ ہے اس بات کو یقینی بنانے کے لیے تا کہ ماحولیاتی نظام توازن اور ہم آہنگی کے ساتھ جاری رہے۔

ہمارا مقصد ہے کہ پانی کی بحالی کو فروغ دینا ہماری کمپنی میں اور ساتھ ہی ساتھ کمیونٹی (برادری) کی سطح پر جس میں آبی وسائل کی فلاح و بہبود کی ذمہ داری لینا شامل ہے اور رہائشی صنعتی علاقوں میں موثر تحفظ و انتظام کی کوشش کرنا شامل ہے۔

ہمارا یقین اور مقصد ہے کہ ہم مثبت اجتماعی اقدامات کی حمایت کریں تا کہ کمپنیاں، کمیونٹیز، غیر سرکاری تنظیمیں، اور عوامی شعبوں کی تنظیمیں جو باضبطہ خود سے اپنا حصہ ڈالنے کے لئے تیار ہوں۔ سورتی انٹرپرائزز میں پانی کی انتظامات کا بہترین آغاز اور برقرار رکھنے کے لئے بین الاقوامی عمل سے پانی کے استعمال کے ساتھ پانی کے معیار کو بہتر بنانا اور آلودگی کو کم کرنا ہے۔

ہم عہد کرتے ہیں کہ ہم اپنا تعاون ہمیشہ جاری رکھے گے پانی کے متعلقہ چیلنجز سے نمٹنے کے لئے سرکاری اداروں، اسٹیک ہولڈرز، اور پالیسی سازوں کے ساتھ تا کہ آنے والی تمام نسلوں کے لئے صاف پانی کی برکت برقرار رہے۔

Mr. Sarfraz Cheema
Chief Operating Officer &
Head of Sustainability

Mr. Asad Soorty
Director Operations

Appedix-2: Certification achievement

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OUR CERTIFICATIONS & SUSTAINABLE MANAGEMENT TOOLS