Alliance for Water Stewardship Re-assessment Report

Prepared for Career Electronic (Kunshan) Co., Ltd.

(AWS-010-INT-CAB-00-08-00015-0076)

Prepared by: SGS

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TABLE OF CONTENT

1 EXECUTIVE SUMMARY

The scope of services covers the Re-assessment of water use in compliance with the AWS International Water Stewardship Standard (Version 2.0) for Career Electronic (Kunshan) Co., Ltd. (hereinafter referred to as “Career” or “the site”) located at No. 18, Jin-Sha-Jiang South Road, Kunshan Development Zone, Kunshan City, Jiangsu Province, P. R. China. The Re-assessment has been completed in compliance with the AWS Certification requirements, Version 2.0 dated in March, 2019, covering all core indicators and advanced-level indicators implemented by the site.

Career was established in 1998, and it is mainly engaged in the design, manufacture and assembly of flexible printed circuits.

On Dec. 30-31., 2021, SGS-CSTC Standards Technical Services Co., Ltd. (hereinafter referred to as “SGS”) conducted the Re-assessment for Career’s facilities and activities with regard to certification to the AWS Standard. No non-conformity but one observation was raised in this Re-assessment.

In addition, according to the re-evalation of Career’s performance against the AWS advanced indicators (Version 2.0), the total of Career’s cumulative advanced indicators scores is 85, which is upgrade to the AWS Platinum Level.

Given the review of evidence provided and site visit inspections performed at Career, SGS recommends that Career’s AWS certification level be upgraded to Platinum Certified status without changing the valid period of existing AWS certificate.

2 SCOPE OF RE-ASSESSMENT

The scope of services covers the Re-assessment of water use in compliance with the AWS International Water Stewardship Standard (Version 2.0) for Career Electronic (Kunshan) Co., Ltd. located at No. 18, Jin-Sha-Jiang South Road, Kunshan Development Zone, Kunshan City, Jiangsu Province P. R. China. The Re-assessment has been completed in compliance with the AWS Certification requirements, Version 2.0 dated in March, 2019, covering all core indicators and advanced-level indicators implemented by the site.

On Dec. 30-31, 2021, SGS conducted the Re-assessment for Career's facilities and activities with regard to certification to the AWS Standard (Version 2.0). Table 2.1 presents our audit team, and the audit plan is attached as a separate document.

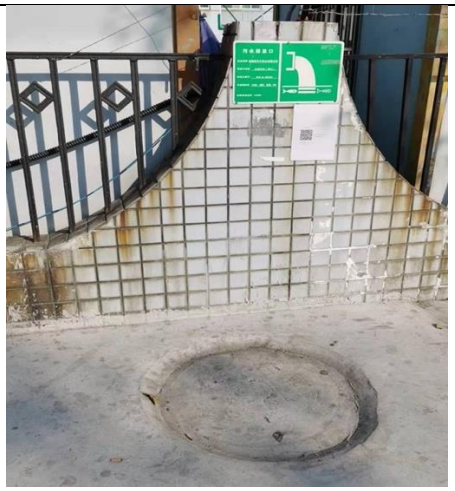
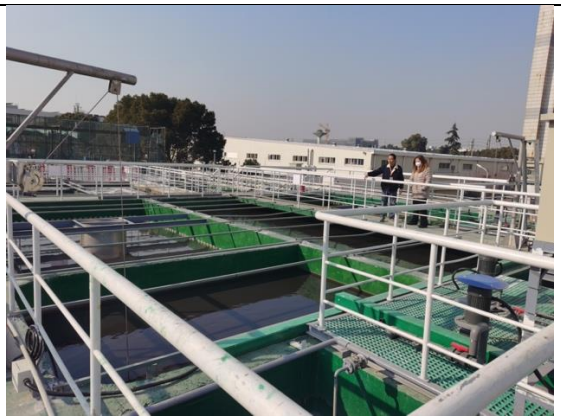
Table 2.1 SGS Audit Team

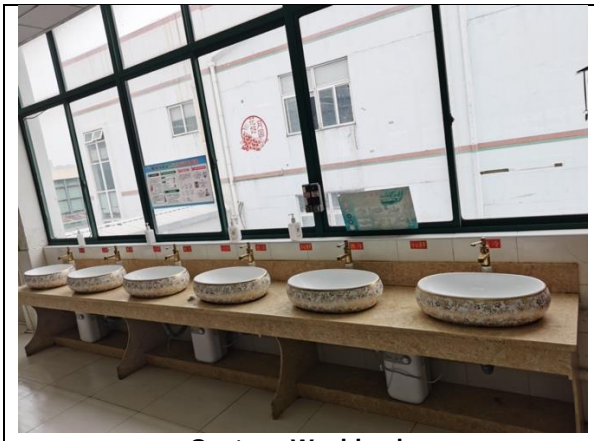
Audit Team		Qualifications/Experience
Vickie ZHAO	Lead Auditor	AWS Auditor, with more than 10 years experience in ISO 14001 audit.
Dexing LIANG	Technical Expert	Master Degree of Environmental Science of Sun Yat-Sen University. Deputy Project Team Leader for the WB-financed Second Guangdong Pearl River Delta Urban Environment Project, Project manager of Macau Tide Gate, and Project manager of Design and Build of Yachong River Basin Rehabilitation. He knows the Pearl River Catchment very well.

During the Re-assessment, we spent 2.5 hrs on the stakeholders consultation meeting, 1.5 hrs on the inspection of Career's installations and activities in its workshops covering production buildings, wastewater treatment station, storage warehouses for chemicals and hazardous waste, administration areas, and employees' accommodation, etc. The other times were spent on the document reviews at Career's office.

The following Table 2.2 shows some representative pictures taken at the site.

Table 2.2 Photos from Career Site Re-assessment

 **Rain Water Discharge**	 **Online monitoring devices installed for treated effluent**
 **New Waste Water Treatment Plant_1**	 **New Waste Water Treatment Plant_2**
 **Hazardous Wastes Warehouse**	 **Chemical Warehouse**



Canteen Washbasin

Pantry and Laundry of Dormitory

3 STAKEHOLDER ANNOUNCEMENT AND CONSULTATION

Following the AWS Certification Requirements, before the on-site conformity assessment, SGS prepared a stakeholder announcement in the morning of Nov. 25, 2021, which stated Career's intention to pursue AWS certification. Besides submitting to AWS for publication on the AWS website, the stakeholder announcement was also posted on the information disclosure bulletin board respectively installed at Pingxiang Community, Donggao New Village, and displayed on Career's website:

https://www.careergroups.com/ZH/csr/Default.aspx?Id=65

In addition, the stakeholder announcement was also displayed on SGS' website:

https://www.sgsgroup.com.cn/zh-cn/news/2021/11/kn-1125-aws-news

SGS received no feedback information since the release of the stakeholder announcement.

Photo 3.1
Information Disclosure Bulletin Board Installed at Career's Bulletin Board

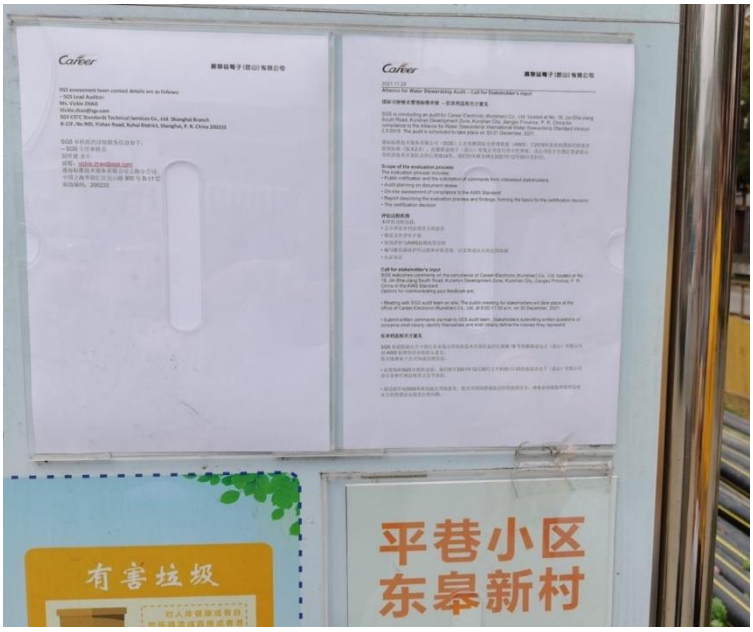


Photo 3.2
Information Disclosure Bulletin Board Installed at the Bulletin Board of Pingxiang Community, Donggao New Village

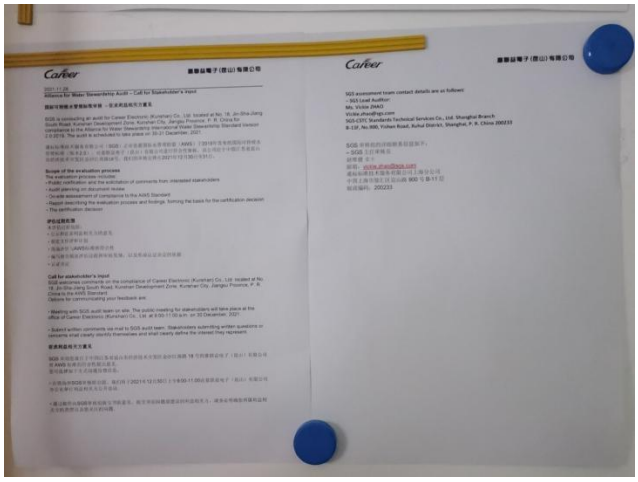


Photo 3.3
Information Disclosure Bulletin Board Installed at Career's EHS Cultural Corridor

During the conformity assessment, SGS held a stakeholder consultation meeting. Table 3.1 presents the personnel interviewed.

Table 3.1 Personnel Interviewed during Stakeholder Consultation Meeting

Organization		Personnel Interviewed
Pingxiang Donggao New Village	Community	Mr. LIU
Jinrunyuan Environmental Technology (Kunshan) Co., Ltd.	Supplier	Mr. ZHU
Kunshan Xingrong Chemical Co., Ltd.		Mr. YU

Yuandeng Metal Industry (Kunshan) Co., Ltd.	Neighbouring Factory	Mr. LI
Kunshan Litai Fiber Co., Ltd.		Mr. CHEN
Career Electronic (Kunshan) Co., Ltd.	Trade Union (People's Congress Representative)	Ms. DUAN
Career Electronic (Kunshan) Co., Ltd.	Employees' Representative	Ms. FANG

The stakeholder consulting meeting was held in a Career's conference room in the morning of Dec. 30, 2021. All participants gave a high appraisal to Career's efforts for its water stewardship.

Yuandeng Metal Industry (Kunshan) Co., Ltd. is located in the north side of the factory. It is mainly engaged in the metal stamping industry. The alkaline cleaning wastewater is generated during the manufacturing process. There is a sewage treatment station in the factory. Factory representative Mr. LI said that Yuandeng and Career have signed a mutual assistance agreement for firefighting and environmental protection. Once an emergency occurs, they will immediately provide disaster relief volunteers, such as wastewater leakage pollution support, emergency and firefighting facilities sharing, etc., and have carried out related exercises.

Kunshan Litai Fiber Co., Ltd. is located in the south side of the factory, and mainly produces plastic turf. The representative of the factory, Mr. CHEN, stated that there was no production waste water, and the factory did not stop water.

Jinrunyuan Environmental Technology (Kunshan) Co., Ltd. has provided wastewater custody operation services for Career from January 1, 2021, and currently has 10 people in the factory. The representative of the company, Mr. ZHU, said that Career put into a new sewage treatment facility (biological treatment system) in early December of 2021. The current daily discharge capacity is 500 tons (the equipment has a daily processing capacity of 750 tons), which will be discharged into a 600-ton buffer tank after treatment. After passing the self-monitoring, it will be discharged into the electroplating center of the park, and after the second monitoring, it will be discharged into the Everbright Water Company. Career requires the reuse rate of reclaimed water to be greater than or equal to 50% (that is, 500 tons/day).

Kunshan Xingrong Chemical Co., Ltd., as Career's basic chemical syrup supplier, is mainly engaged in hazardous chemicals management and warehousing activities. The representative of the company, Mr. YU, said that in response to Career's sustainable water management

requirements, the company has led the barrel washing wastewater to the caustic washing tower for internal reuse, saving about 1,200 tons of water annually.

Mr. LIU, a resident representative of the Pingxiang Community, said that his weekend leisure activity is to go fishing in the nearby river, and he feels that the water quality of the surrounding river is getting better and better. In daily life, there is no sense that the pollutants emitted by the surrounding factories affect life.

Ms. DUAN, a representative of the company's People's Congress, said that she has been working in the company for 21 years and is deeply aware of the changes in the company's environmental management. As the company begins to implement AWS standards, water conservation and resource management have been deeply rooted in the hearts of the people. In response to government policies, the company has carried out in-depth transformation of wastewater discharge to make the sky bluer, mountains greener, and water clearer.

As one of the worker reprensentatives, Ms. FANG is feeling about WASH is that the drinking water dispensers are posted with drinking water dispenser cleaning records and regular water quality inspection reports, so that employees can drink water at ease. Sensors have been installed in the washrooms, so there is no waste due to forgetting to turn off the faucet.

Photo 3.4 and 3.5 show the stakeholders' consultation meeting.

Photo 3.4
SGS Auditor Introducing the Requirements of AWS Standard

Photo 3.5
Stakeholders Speaking at the Consultation Meeting

4 DESCRIPTION OF CATCHMENT

Both Career's domestic and production water comes from the municipal tap water supplied by Kunshan Waterworks Group, which has three water supply plants and two water sources including the Kuilei Lake and the Yangtze River. According to the public information of Kunshan Waterworks Group, its tap water supply has covered the whole Kunshan city with the total area of 927 km^2, and the daily maximum water supply is 1,102,100 m^3. In addition, according to Kunshan municipal plan, the control target of water consumption in 2020 is $7.85x10^8$ m^3. Since the total water consumption of Kunshan in 2017 is $4.3128x10^8$ m^3, no water scarcity will happen in Kunshan in the next two years.

Career's domestic sewage is discharged into municipal pipeline network, and its industrial wastewater is discharged into the local electroplating centre, then into the wastewater treatment plant of Guangda Water Affairs (or named Kunshan Gangdong Wastewater Treatment Plant). The treated effluent is discharged into the Taicangtang River, and finally flows into the Wusongjiang River. Career has built the following wastewater treatment facilities at the site:

- 1 set of pre-treatment system for highly concentrated alkali wastewater with its treatment capacity of 90 m^3/d;
- 1 set of pre-treatment system for highly concentrated acid wastewater with its treatment capacity of 400 m^3/d;
- 1 set of pre-treatment system for cyanide-containing wastewater with its treatment capacity of 100 m^3/d;
- 1 set of pre-treatment system for nickel-containing wastewater with its treatment capacity of 80 m^3/d;
- 1 set of integrated wastewater treatment system with its treatment capacity of 1,000 m^3/d; and
- 1 set of reclaimed water/gray water reuse system with its treatment capacity of 700 m^3/d.

Based on the location of the water source and final destination of effluent, the external boundary for the sustainable water stewardship of the factory is determined as the Wusongjiang River Catchment in Kunshan City.

The Wusongjiang River belongs to the Taihu Lake System, originating from the Guajingkou of Taihu Lake. It flows through Wujiang, Suzhou, Kunshan and Shanghai's Qingpu, Jiading, Minhang, Putuo, Changning, Jing'an, Hongkou and Huangpu Districts, and then enters into the Huangpu River at the Waibaidu Bridge. With the Bei Xinjing as the boundary, the upper

reaches of the Wusongjiang River are called Wusongjiang River by local people, and the lower reaches of the Wusongjiang River is located in the east of the Bei Xinjing. After entering into the Shanghai area, it is called the Suzhou River by Shanghainese. It is 125 km long, including 53.1 km long in the territory of Shanghai. Wusongjiang River is 40 km long from west to east in Kunshan. It enters into Kunshan from Suzhou Industrial Park (where the Jianglizhuang monitoring section controlled by Jiangsu province is installed) and flows into Shanghai (where the Shipu monitoring section controlled by the state is installed) after passing through Kunshan. With the total land area of 735.6 km^2, and the total water area of 43.5 km^2, the Wusongjiang River Catchment covers Bacheng Town, Zhoushi Town, High-tech Zone, Development Zone, Lujia Town, Huaqiao Town, Zhangpu Town and Qiandeng Town. There are 1,917 rivers and 8 provincial key lakes in the catchment.

Figure 4.1, 4.2 and 4.3 respectively show the catchment of the Taihu Lake, the catchment of Wusongjiang River, and the water system in the catchment of Wusongjiang River.

Figure 4.1 The Catchment of Taihu Lake

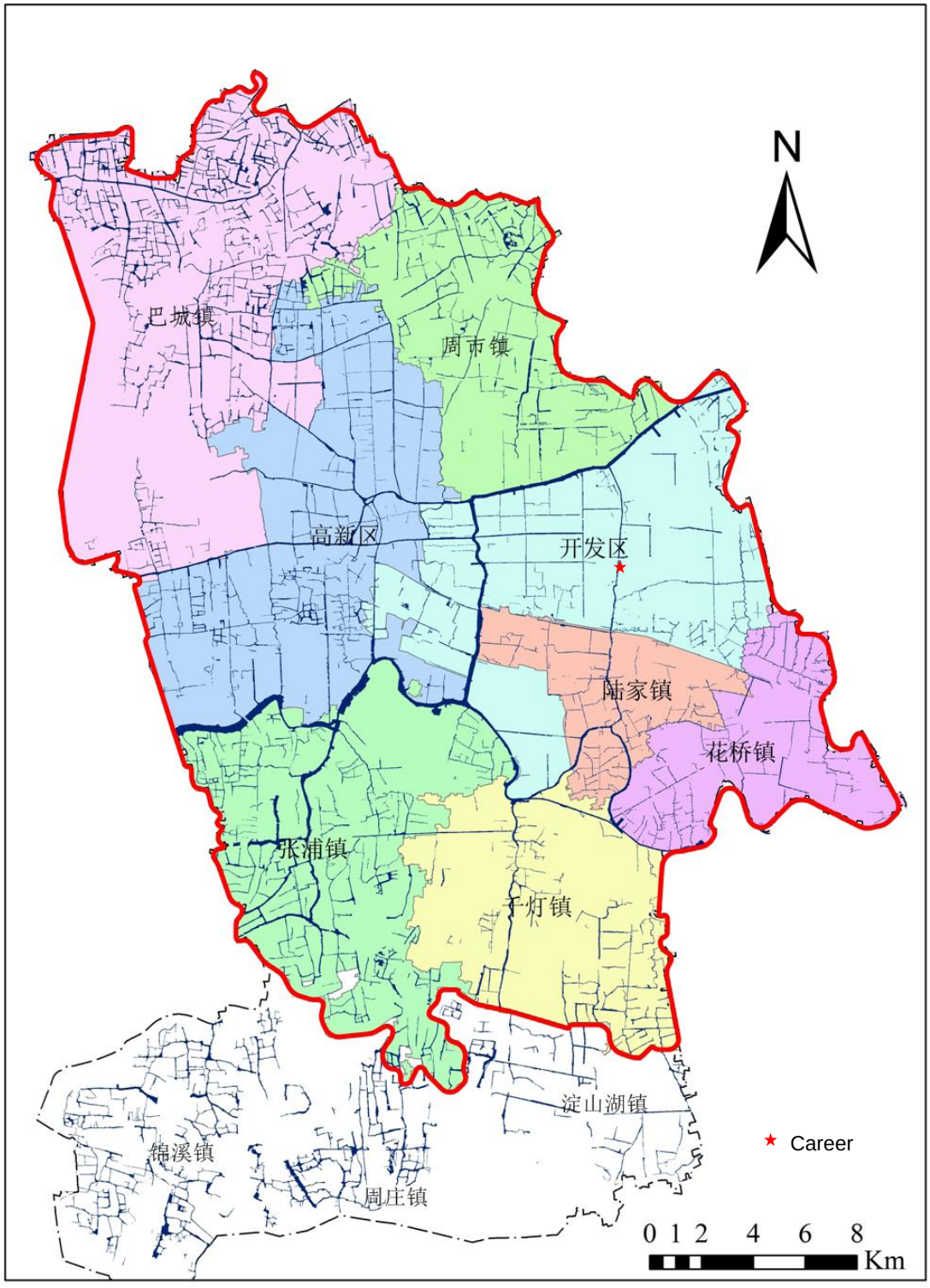


Figure 4.2 The Catchment of Wusongjiang River

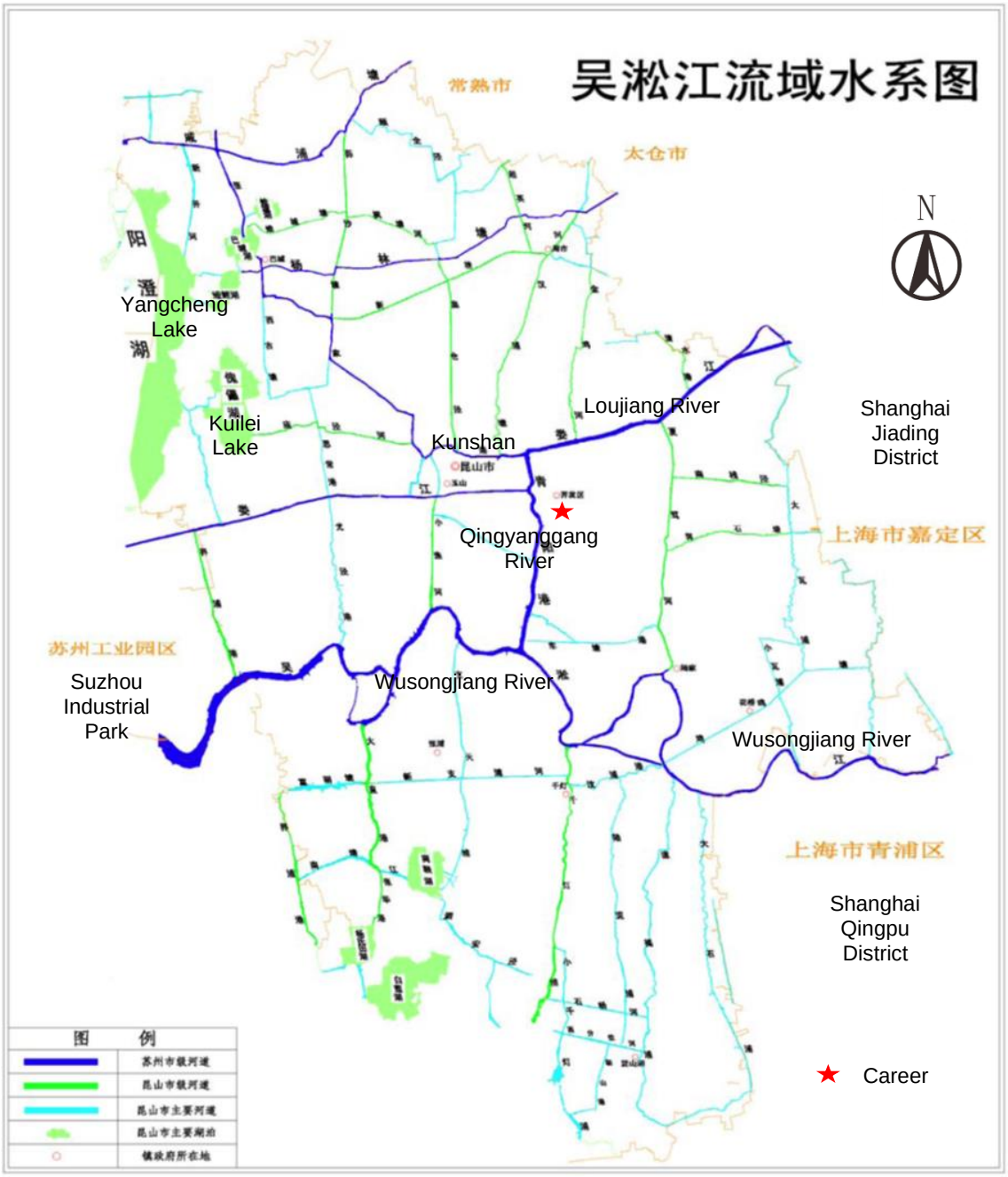


Figure 4.3 The Water System in the Catchment of Wusongjiang River

In addition, to protect drinking water sources and ecological environment, Kunshan has demarcated the drinking water protected areas and the ecological protection red lines. Figure 4.4, 4.5 and 4.6 respectively present the conservation areas of drinking water and the map of ecological conservation red lines.

Figure 4.4 Kunshan Conservation Areas of Drinking Water

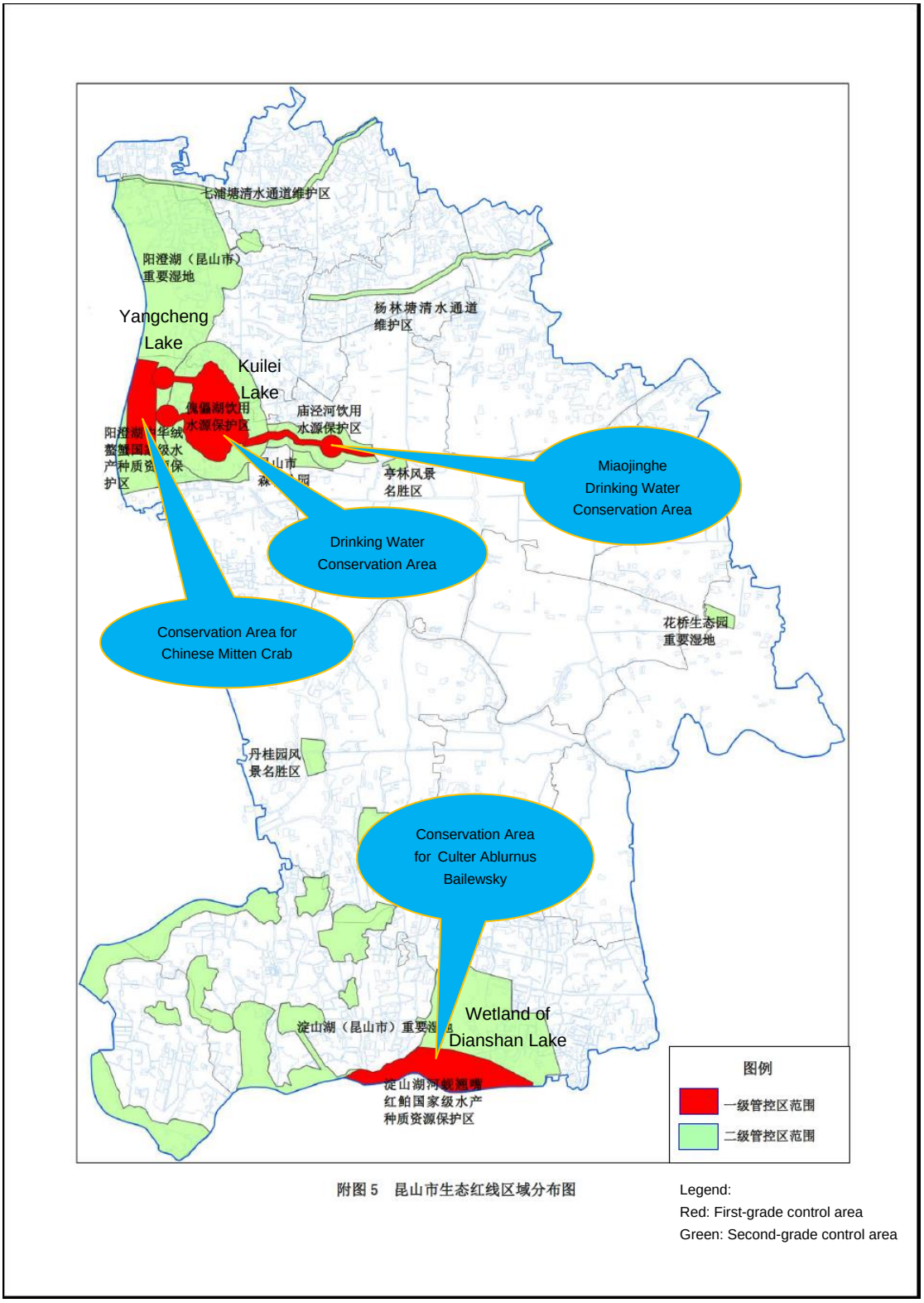


Figure 4.5 Distribution Map of Kunshan Ecological Conservation Red Lines

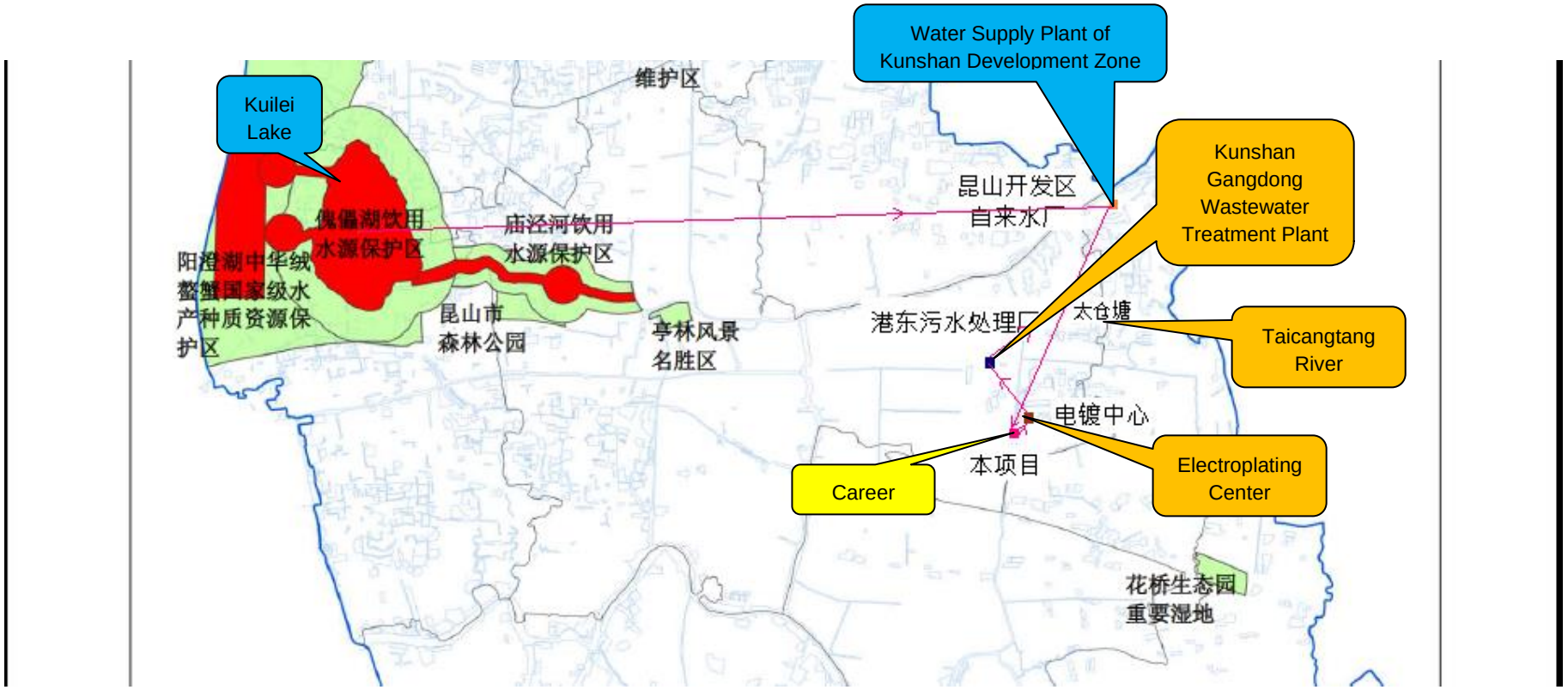


Figure 4.6 Career's Water Supply and Wastewater Discharge (Blue: Water Supply; Orange: Wastewater)

5 SUMMARY OF SHARED WATER CHALLENGES

Career has identified general shared challenges in the catchment and these are listed in Table 5.1.

Table 5.1 Detailed Shared Water Challenges for Career

No.	Water Challenge	Associated Government Authority initiative/Plan*	Relevant/Rationale for Stakeholders	Relevant/Rationale for Site	Priority (1-4)	Rationale for Prioritization	Countermeasure/Plan
1	More difficult to obtain water license	Prohibition of expension project construction.	Local residents are given priority to water use. More difficult for an enterprise to get water license for its expension project.	Difficulty for Career in expension.	1	Based on Concerns and potential influence on normal production: 1: Small 2: Medium 3: High	Transferring the order for goods to other production site
2	More stringent requirements for water efficiency and wastewater discharge	Requirement of higher water recycling and higher quality of wastewater discharge.	Residents will be less affected by water pollution. An enterprise will invest more money to increase its water recycling.	The increase of water recycling may result in Career's increase of non-compliance risk.	1		Expansion of water recycling system and establishment of buffer pool for effluent
3	Policy uncertainty (such as some emergency notifications)	No effective solutions are found at the moment and only some specified emergency requirements are advanced.	Non-compliance and penalty may occur for an enterprise if it fails to receive the notification in time.	Career may fail to inform top management the reason of restriction for discharge in an effective and timely manner.	2		Actively communicate with policy-making department
4	Groundwater and surface water contamination risk	Control of soil and water contanmination and introduce relevant control parameters	Local residents may complain an enterprise if they discover soil and water pollution.	Invest more money to improve its infrastructure.	2		Taking anti-leakage measures
5	Insufficient water treatment infrastructure (such as collection of rainwater and wastewater, and centralized treatment of wastewater)	New sewage treatment facilities may be built to collect and treat domestic sewage.	Increase the safety risks of local communities' drinking water.	Insufficient drainage during the rain storms may result in water pollution.	3		Emergency gathering tank at the site
6	Potentially increased levels of water shortage	Control of water use during peak period. Restriction of new and expansion projects.	Influence of an enterprise' normal production which may result in the relocation.	Increase the stress of water use.	3		Increasing the efficiency of water use
7	Inadequate legal and regulatory supervision.	Enhance all kinds of supervisions including test by a third party.	Non-compliance may be not found and corrected in a timely manner.	Non-compliance may be not found and corrected in a timely manner.	3		Managing its activities according to relevant environmental regulations

* Associated Government Authorities including national and local People's Governments, national and local environmental protection departments, national and local water affairs departments, etc.

6 INDICATORS CHECKLIST

As per the requirement set out in the Section 2.11 of the AWS Certification Requirements, Table 6.1 presents all the CORE AWS indicators with the relevant reviewed evidence provided by Career.

Table 6.1 Evidence Reviewed by SGS Against Each CORE AWS Indicator

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
1	**GATHER AND UNDERSTAND**		
1.1	**Gather information to define the site's physical scope for water stewardship purposes, including: its operational boundaries; the water sources from which the site draws; the locations to which the site returns its discharges; and the catchment(s) that the site affect(s) and upon which it is reliant.**		
1.1.1	The physical scope of the site shall be mapped, considering the regulatory landscape and zone of stakeholder interests, including: - Site boundaries; - Water-related infrastructure, including piping network, owned or managed by the site or its parent organization; - Any water sources providing water to the site that are owned or managed by the site or its parent organization; - Water service provider (if applicable) and its ultimate water source; - Discharge points and waste water service provider (if applicable) and ultimate receiving water body or bodies; - Catchment(s) that the site affect(s) and is reliant upon for water.	YES	Career is located at No. 18, Jin-Sha-Jiang South Road, Kunshan Development Zone, Kunshan City, Jiangsu Province. There is a river on the each side of east and west. The east side of the river is Donggao New Village, Pingxiang Community, and Mojiawan, and the west side of the river is changed to unshan Xinghao Precision Hardware Co., Ltd. To the south are Watanabe Electronic Technology Co., Ltd., Kunshan Hengcheng Electronic Technology Co., Ltd., Kunshan Gaochuang Precision Machinery Co., Ltd., Santai Fuzhi Development (Kunshan) Co., Ltd., and Weilisu Auto Parts Co., Ltd., and to the north are Yuandu Metal Industry (Kunshan) Co., Ltd. and Dalong Cotton Industry (Suzhou) Co., Ltd. The water source of the company is Kuilei Lake. The water quality of the intake point is in compliance with the "Surface Water Environmental Quality Standard (GB 3838-2002)" Class III Water Standard, processed by Kunshan No. 3 Water Plant, and sent to Development Zone Water Affairs Co., Ltd., and then sent to Career by Development Zone Water Affairs Co., Ltd. The production wastewater of Career is treated by itself and discharged from the plant through the main outlet to the Electroplating Inspection Center of Kunshan Economic and Technological Development Zone. After passing the test, it is finally sent to the Comprehensive Treatment Site of Everbright Water. After the treatment reaches the standard, it is discharged to Taicang Pond.

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
1.2	**Understand relevant stakeholders, their water-related challenges, and the site's ability to influence beyond its boundaries.**		
1.2.1	Stakeholders and their water-related challenges shall be identified. The process used for stakeholder identification shall be identified. This process shall: - Inclusively cover all relevant stakeholder groups including vulnerable, women, minority, and Indigenous people; - Consider the physical scope identified, including stakeholders, representative of the site's ultimate water source and ultimate receiving water body or bodies; - Provide evidence of stakeholder consultation on water-related interests and challenges; - Note that the ability and/or willingness of stakeholders to participate may vary across the relevant stakeholder groups; - Identify the degree of stakeholder engagement based on their level of interest and influence.	YES	Career conducted a comprehensive stakeholder analysis on water resources and environmental issues. Due to the different interest demands of stakeholders, the participation of the temporary factories is relatively high, and the government and public services are not actively involved. Career plans to update the stakeholders table every year. In 2021, the Taiwan Headquarters was added to stakeholders list for research and analysis to promote the information interaction and external communication of the company's water management. According to the most recently updated stakeholders analysis [03_stakeholders analysis], the main concerns of important stakeholders in terms of water resources and environment include: environmental compliance and frequent inspections. Career has identified the current and potential degrees of influence between site and the 7 categories of stakeholders and 4 scales are defined based on their importance and interests. 7 Categories of stakeholders: • Headquaters • Government • Suppliers • Employees • Neiborhood Factory • Community • Public and NGO 4 Scales: • Red light: Focus on and meet their needs and focus on creating shared value • Orange light: Consider mobilizing them for water management • Yellow light: Proactive information and expression of concern • Green light: Pay attention and communicate routinely when necessary

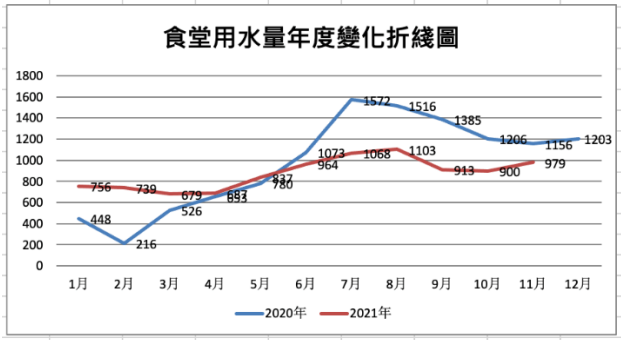
Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
1.2.2	Current and potential degree of influence between site and stakeholder shall be identified, within the catchment and considering the site's ultimate water source and ultimate receiving water body for wastewater.	YES	According to the classification of stakeholders in the river catchment, most of the affected areas of the plant site are enterprises in the same river catchment and controlled by the water quality and volume at the same time, the Everbright Water Company of Development Zone, which accepts the water body at this plant site, and the Taicang Pond where Everbright Water's drainage in the Development Zone goes, the relevant government that controls the plant's emissions and the leaders in the plant are also affected. Changes in the water quality of Kuilei Lake and Taicang Pond, no matter the current or potential state, will affect Career's production water and drainage, and the impact is huge.
1.3	**Gather water-related data for the site, including: water balance; water quality, Important Water-Related Areas, water governance, WASH; water-related costs, revenues, and shared value creation.**		
1.3.1	Existing water-related incident response plans shall be identified.	YES	The company's various emergency plan documents are as follows, including emergency plans when extreme weather and wastewater exceed the standard. • Emergency plan for environmental emergencies • Risk Re-assessment report of environmental emergencies • Environmental emergency resource survey report • Special emergency plan for environmental emergencies • EP15 Emergency Response Control Operation Procedure • EW15-07 Chemical spill emergency plan • EW15-04 Emergency plan for fire accident • Emergency rescue plan for production safety accidents • Two Emergency Mutual Assistance Agreements
1.3.2	Site water balance, including inflows, losses, storage, and outflows shall be identified and mapped.	YES	The main input form of Career water volume is tap water inflow. The main output forms are wastewater, evaporation, greening, and process consumption.

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
			The main form of water storage is a closed water tank (softened water, pure water, 1500T fire-fighting pool, among which a living pool of about 200T, 600T wastewater discharge buffer pool and wastewater treatment pool are separated). Career has dedicated meter readers who read various water meter data. According to the data, Career produces a monthly water balance to analyze the overall water balance. At the same time, Career produces a water balance quarterly and submits it to a third-party company for review, and submits it to the Supplier Care system of customer A after passing the review. The CWP water balance is made quarterly and uploaded to the CWP website after verification by the third-party company Stantec formulated by Client A. Water Balance Charts on 20 March, 24 June, 7 September, 6 December, 2021 were reviewed.
1.3.3	Site water balance, inflows, losses, storage, and outflows, including indication of annual variance in water usage rates, shall be quantified. Where there is a water-related challenge that would be a threat to good water balance for people or environment, an indication of annual high and low variances shall be quantified.	YES	Career draws a line chart of annual water consumption changes through statistics, see [04_Annual Water Use Change Table] for details. At the same time, Career draws a line chart of the annual change of industrial average daily water consumption, see [D-Management Plan] for details.
1.3.4	Water quality of the site's water source(s), provided waters, effluent and receiving water bodies shall be quantified. Where there is a water-related challenge that would be a threat to good water quality status for people or environment, an indication of annual, and where appropriate, seasonal, high and low variances shall be quantified.	YES	Career installs on-line testing equipment, COD, ammonia nitrogen, total phosphorus, copper, nickel, pH, flow meters are connected to the network to record the data obtained from daily testing, and the environmental protection bureau summarizes the data at the end of the month, sends it to Career, and seals it. According to the data quality change graph, Career checks the operation of the wastewater area and monitors the compliance of the company's wastewater operation. At the same time, Career's industrial wastewater entrusts a third party to sample once a month, and summarizes the data in the third party's test report into a table. See [05_Sewage water quality data statistics]. The water source, water supply, and water quality of receiving water bodies are issued by the official website. See [06_Summary of data of each section]

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
			- Water quality of each section: http://www.ks.gov.cn/gdlmy?itemId=8047&name=环境质量&id=7770 - Water quality of water supply: https://www.kswater.com/news_list.aspx?category_id=7&page=2
1.3.5	Potential sources of pollution shall be identified and if applicable, mapped, including chemicals used or stored on site.	YES	Career determines the on-site pollution source list for the on-site pollutant storage site, and conducts spot inspections according to the pollution source list. The Pollution Source Point Map and the corresponding Key Stormwater Pollution Area Identification List were reviewed.
1.3.6	On-site Important Water-Related Areas shall be identified and mapped, including a description of their status including Indigenous cultural values.	N/A	There is no no-site Important Water-Related Areas.
1.3.7	Annual water-related costs, revenues, and a description or quantification of the social, cultural, environmental, or economic water-related value generated by the site shall be identified and used to inform the evaluation of the plan in 4.1.2.	YES	Water-related costs: Career calculates the total water purchase cost based on the total water intake every month; calculates Career's water-related costs based on the power of water production facilities, equipment consumption records, maintenance costs, and labor costs; according to sewage treatment equipment Calculate the related costs of sewage treatment with power, medicine cost, labor cost, and sewage fee; entrust the nickel-containing waste liquid to a qualified company for treatment by means of hazardous waste disposal; and water-related training fees. See [07_Water-related costs and income] for details. Total costs were reduced, with wastewater treatment costs down 28% compared to 2020. Water-related incomes: Career entrusts the processing of etching waste liquid, cyanide-containing waste liquid, gold-containing resin, and gold-containing filter element by means of hazardous waste disposal. Calculate the unit price by detecting the copper content and the gold content, and then calculate the income based on the transfer volume. See [07_Water Related Costs and Income] for details. Revenue was increased 25% compared to 2020. Social values: Career invites river chiefs, neighboring factories and employees to participate in the river basin co-governance activities organized by Career. The

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
			activities include: 2021.12.2 Xiajia River cruise (garbage collection, water quality measurement) and visit to the urban sewage treatment plant (Everbright Water) , a total of 17 people participated in the event. Environmental values: a). Cooperate with the government to limit the discharge and reduce the discharge; b). By setting the goal of "pollutant discharge concentration reaching 80% of the current standard" and continuing to implement it, the discharge of pollutants and the load of the catchment can be greatly reduced; c). By increasing the reuse rate of middle water to 50%, the fresh water consumption is greatly reduced.
1.3.8	Levels of access and adequacy of WASH at the site shall be identified.	YES	Career monitors the drinking water in the plant area twice a year. For details, see the folder [B-Dormitory Drinking Water]. At the same time, Career has compiled EW14-05 drinking water management specifications. There are a total of 127 pits in the office and production workshop areas of Career. Based on the number of employees in the work area on each floor (calculated as day-shift manpower) and in accordance with the "Design Sanitary Standards for Industrial Enterprises" (GBZ1-2010), it is calculated that a total of 57 squatting pits are required in the work area. It can be seen that it fully meets the specification design requirements. For the specific calculation process, see [Statistics of Health Facilities]. Inside the bathroom, there are posted toilet cleanliness standards and toilet hygiene checklists. During the COVID-19, Career compiled a new coronavirus control and prevention manual to provide guidance for epidemic prevention and control management. The prevention manual was broadcast on TV screens in workshops and dormitories for employees to learn.
1.4	**Gather data on the site's indirect water use, including: its primary inputs; the water use embedded in the production of those primary inputs the status of the waters at the origin of the inputs (where they can be identified); and water used in out-sourced water-related services.**		

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
1.4.1	The embedded water use of primary inputs, including quantity, quality and level of water risk within the site's catchment, shall be identified.	YES	Career originally planned to use suppliers to meet the cost of raw materials accounting for 5% of the total cost. After investigation, it was found that there are 3 suppliers with more than 5% of cost and a total of 5 suppliers with more than 3%. In the end, Career plans to use 14 manufacturers with more than 1% of cost. Compared with the survey results in previous years, 5 of them have been audited on-site in previous years, and there is no industrial water, only drinking water, so the survey is not meaningful. 2 of them are agents, and the investigation is not meaningful. Finally, 7 suppliers were selected from 14 suppliers for investigation. At the same time, considering that Career's chemical suppliers have high EHS risks, they are hereby included in the supply chain water risk survey. A total of 6 chemical suppliers were included in the survey, and one of them was duplicated by more than 1% of the suppliers. Therefore, a total of 12 suppliers will be surveyed in 2021. Career designed a questionnaire survey. According to the feedback data from the questionnaire, the water consumption of the suppliers was ranked, and the risk level of the supply chain was discharged according to the specific water risk ranking tool WWF. Multiply the two to calculate the supply chain water risk ranking table. For details, see [08_Supplier Water Risk]. Career added statistics for suppliers certified to ISO 14001 in 2021.
1.4.2	The embedded water use of outsourced services shall be identified, and where those services originate within the site's catchment, quantified.	YES	Career has conducted a water risk survey on water-related hazardous waste manufacturers. Career designed a questionnaire survey. According to the feedback data from the questionnaire, the water consumption of the suppliers was ranked, and the risk level of the supply chain was discharged according to the specific water risk ranking tool WWF. Multiply the two to calculate the supply chain water risk ranking table. For details, see [08_Service Provider Water Risk]. The company's canteen and cleaning are outsourced manufacturers. The water source used in the canteen is Career's internal water source, and the water source used for cleaning is also Career's internal water source (the water used for cleaning and greening has not been measured). According to the monthly restaurant water

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
			meter reading data, quantify the water consumption of the canteen. See [04_ Annual Water Use Change Table] for details. 
1.5	**Gather water-related data for the catchment, including: water governance, water balance, water quality, Important Water-Related Areas, infrastructure, and WASH**		
1.5.1	Water governance initiatives shall be identified, including catchment plan(s), water-related public policies, major publicly-led initiatives under way, and relevant goals to help inform site of possible opportunities for water stewardship collective action.	YES	At the government level, the main water-related special projects and key tasks include: • The most stringent water management system Re-assessment • Development of the river and lake chief system and action plan • Renovation of water function area, section compliance, black and odorous water treatment • Renovation of sewage outlets into the river • Long-term management and protection of water source • Creation of a water-saving society • Special rectification of electroplating industry • Water-saving enterprise, water balance test, water efficiency leader • Soil and groundwater • Rainwater discharge monitoring

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
			• Total phosphorus and total nitrogen Notice of the General Office of the Provincial Government on Printing and Distributing Jiangsu Province's "14th Five-Year" Ecological Environmental Protection Plan, the Provincial Government Office's Notice on Printing and Distributing Jiangsu Province's "14th Five-Year" Water Conservancy Development Plan, and the Municipal Government Office's Printing and Distributing Kunshan City's "14th Five-Year Plan" "The notice of the water development plan, the company's current management requirements have met the requirements of the relevant development plan. Career usually obtains environmental, safety and water-related policies and local actions from the Kunshan Environmental Protection Bureau and higher-level notices. See [09_Government Environmental Protection Implementation Pursuit] for details.
1.5.2	Applicable water-related legal and regulatory requirements shall be identified, including legally-defined and/or stakeholder-verified customary water rights.	YES	Within the scope of Career's ISO 14001 management system, all laws and regulations related to water and the environment have been sorted out. In the later stage, the water-related laws and regulations of the planned river catchment are required by Career to organize and benchmark once every six months. See [I-Laws and Regulations] for details.
1.5.3	The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance.	YES	From the perspective of water resources development and utilization rate, that is, the ratio of water consumption to total water resources, the Taihu Lake Basin is 150%, Suzhou City is 88%, and Kunshan City is 97%, all far exceeding the current national water resources development and utilization rate 21% and 20% in the Yangtze River Basin. For Suzhou and Kunshan, water mainly depends on transit water resources or water sources outside the administrative region. In addition, in daily management, when the risk of flood or drought increases, the company will also track the real-time rain, water, and water levels of major sites through the following channels. - Water regime information in Jiangsu Province (http://221.226.28.67:88/jsswxxSSI/Web/Default.html?m=2)

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
			- Jiangsu Meteorological Center (http://www.jsweather.com.cn/) - Taihu Lake Catchment Hydrological Information Service System (http://218.1.102.99:8100/indexHydrological.html)
1.5.4	Water quality, including physical, chemical, and biological status, of the catchment shall be identified, and where possible, quantified. Where there is a water-related challenge that would be a threat to good water quality status for people or environment, an indication of annual, and where appropriate, seasonal, high and low variances shall be identified.	YES	In 2020, the Taihu Lake Basin will be slightly polluted, and the main pollution indicator is total phosphorus; among which, the water quality in the eastern coastal area is good, the central and northern coastal areas are slightly polluted, and the western coastal area is moderately polluted. The whole lake and each lake area are in mild eutrophic state. The water quality of the rivers around the lake is excellent. Among the 55 water quality sections monitored, 23.6% were of Class II, 70.9% of Class III, 5.5% of Class IV, and no other classes. Compared with 2019, the proportion of Grade II water quality sections decreased by 3.7 percentage points, Grade III increased by 7.3%, Grade IV decreased by 3.6%, and other categories remained unchanged. In 2020, the water quality compliance rate of 124 key sections of the Taihu Lake Basin included in the provincial government's target assessment was 95%, a decrease of 2.5 percentage points from 2019. The recent water environment quality of the Wusong River Basin in Kunshan City can be queried through the Jiangsu Provincial Environmental Data Public Service Platform (http://218.94.78.75:20001/sjzx/), or through the national surface water quality automatic monitoring real-time data release system (China Environmental Monitoring Center (cnemc.cn)) for inquiries, and at the same time, you can also inquire through the Jiangsu Provincial Environmental Monitoring Center (Jiangsu Environmental Monitoring Center (jsem.net.cn)). At present, the platform only provides the water quality category and the results of the latest evaluation, and cannot query the specific water quality parameter monitoring results and historical records. According to the 2020 Kunshan Environmental Status Bulletin, the water quality of seven major rivers in the city is between excellent and good. 2 rivers are good. Compared with the previous year, the water quality of two rivers, Loujiang River and Jishuigang, improved to varying degrees, while the water quality of the

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
			remaining five rivers remained stable. Among the three main lakes in the city, the water quality of Yangcheng East Lake (in Kunshan) conforms to the Class III water standard (total nitrogen class IV), the comprehensive nutritional status index is 50.4, and is slightly eutrophic; Class III), the comprehensive nutritional status index is 44.2, mesotrophic; the water quality of Dianshan Lake (in Kunshan) conforms to the V water standard (total nitrogen V) and the comprehensive nutritional status index is 54.8, slightly eutrophic. 8 national and provincial test sections in Kunshan City (Wusong River Shipu, Jishuigang Jiushuigang Bridge, Qiandengpu Qiandengpukou, Zhushougang Zhushe Port, Zhangjiagang Bacheng Lake Entrance, Loujiang Zhengyi Railway Bridge, Liuhetang Zhendong Ferry, Yanglintang Qingyang North Road and Bridge) all met the water quality targets in 2020, and the ratio of Excellent III was 100%. Compared with the previous year, the water quality of 8 sections remained stable and improved, and maintained overall excellent III. In addition, the Taihu Bureau issued a monthly report on the quality of water resources in the Taihu Lake Basin at the provincial boundary. For the water quality of Wusong River Basin section, drinking water source, and tap water quality, please refer to [06_Data Summary of Each Section]. According to the "Environmental Quality Standards for Surface Water of the People's Republic of China", according to the environmental functions and protection objectives of surface water cities, the water quality of surface water in China is divided into: Class I, II, III, IV, V and poor V • Class I: mainly applies to source water, national nature reserve. • Class II: mainly applies to the centralized living drinking water surface water source primary protection zone, rare aquatic habitats, fish and shrimp spawning grounds, and the baiting grounds of young and juvenile fish. • Class III: mainly applies to secondary protected areas of centralized surface water sources for domestic drinking water, fish and shrimp overwintering grounds, migratory channels, aquaculture areas and other fisheries waters and swimming areas.

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
			• Class IV: mainly applies to general industrial water-use areas and recreational water-use areas where the human body does not come into direct contact. • Class V: mainly applies to agricultural water-use areas and general landscape requirements waters.
1.5.5	Important Water-Related Areas shall be identified, and where appropriate, mapped, and their status assessed including any threats to people or the natural environment, using scientific information and through stakeholder engagement.	YES	According to the latest Jiangsu Provincial Ecological Redline Regional Protection Plan and the 2016 Kunshan City Ecological Redline Regional Protection Status Table. At present, the ecological red line area delineated in Kunshan City is detailed in [10_Important Water-related Areas].
1.5.6	Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events.	YES	The Section 1.5.6 of the Sustainable Water Stewardship Plan elaborates the existing and planned water-related infrastructure including water supply, flood control and drainage, wastewater treatment, emergency response at provincial, catchment and city levels and water-related objectives. Based on the available information, the water-related infrastructure in the catchment is relatively good.
1.5.7	The adequacy of available WASH services within the catchment shall be identified.	YES	According to the Kunshan City Statistical Yearbook 2021, it contains: • The daily comprehensive production capacity of tap water is 1.5 million cubic meters; • Daily domestic water consumption per capita is 329.12L; • The sewage treatment rate is 96.88%, the daily treatment capacity of the sewage treatment plant is 410,000 cubic meters, and the annual sewage treatment volume is 178.52 million cubic meters; • The harmless treatment rate of domestic waste is 100%, and there is one harmless treatment plant for domestic waste, and the harmless treatment capacity of domestic waste is 2,050 tons/day; • There are 147 public toilets. According to the Kunshan Environmental Status Bulletin in 2020, the water quality of the city's centralized drinking water sources can meet the "Surface Water Environmental Quality Standard" (GB 3838-2002) Class III water standard, with a compliance rate of 100%, and the water quality of the water sources remains stable.

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
1.6	**Understand current and future shared water challenges in the catchment, by linking the water challenges identified by stakeholders with the site's water challenges.**		
1.6.1	Shared water challenges shall be identified and prioritized from the information gathered.	YES	Career analyzes the water-related challenges in the same river catchment. Some of these water challenges are caused by government control, and some are caused by the government's control. They have an impact on the development of Career and have different impacts on various related parties. See table [11_Common Water Challenge] for details.
1.6.2	Initiatives to address shared water challenges shall be identified.	YES	Initiatives to address shared water challenges have been also identified in the List of Shared Water Challenges in the Catchment. See table [11_Common Water Challenge] for details.
1.7	**Understand the site's water risks and opportunities: Assess and prioritize the water risks and opportunities affecting the site based upon the status of the site, existing risk management plans and/or the issues and future risk trends identified in 1.6.**		
1.7.1	Water risks faced by the site shall be identified, and prioritized, including likelihood and severity of impact within a given timeframe, potential costs and business impact.	YES	Career has identified its water risks in 6 aspects covering water governance, sustainable water balance and water quality. Based on risk analysis, Career has prioritized its water risks according to potential impact, likelihood within a given time and difficulty of detection. Meanwhile, corresponding response strategies to mitigate water risks are developed. • Kunshan water source protection is strict, the risk of wastewater discharge restrictions if the water quality of state-controlled cross-sections does not meet the standard. Emission restriction policy affects the company's normal production; • Use risk: employees use water and do not operate in a standardized manner, resulting in leakage of hazardous materials into the general wastewater. Causing difficulties in sewage treatment and affecting production stagnation; • Pollutants leak into storm drains, causing storm water to exceed standards. Impact on company storm water discharge;

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
			• Reputation risk: Kunshan Development Zone area is seriously polluted, people are suffering from it, environmental awareness is getting stronger and reporting frequency is getting higher. Affect the company's reputation; invest extra manpower and resources to respond to reports and inspections; • Environmental risk of super extreme weather such as super heavy rainfall, resulting in waterlogging of the company. Make the chemicals pollute the rainwater and affect the surrounding environment; • Lack of effective water management by the local government water resources related departments, the legal regulations are not in place. Unfair competition caused by excessive exploitation of other plants. See table [12_Water risks and opportunities] for details.
1.7.2	Water-related opportunities shall be identified, including how the site may participate, Re-assessment and prioritization of potential savings, and business opportunities.	YES	Based on the analysis of water risks faced by the site, Career has also identified its water-related opportunities including potential saving/value creation, priority and strategy to realize opportunity. See table [12_Water risks and opportunities] for details.
1.8	**Understand best practice towards achieving AWS outcomes: Determining sectoral best practices having a local/catchment, regional, or national relevance.**		
1.8.1	Relevant catchment best practice for water governance shall be identified.	YES	Best practices in water management systems within the plant: • Regularly review and update a comprehensive sustainable water management plan; • Assign responsibilities for sustainable water management to senior personnel; • Train employees on the principles of sustainable water management; and • Publish the company's sustainable water management practices and set an example for others.
1.8.2	Relevant sector and/or catchment best practice for water balance (either through water efficiency or less total water use) shall be identified.	YES	The company takes the following water saving actions: • Carry out detailed research on water use methods to facilitate the introduction of water-saving technologies in production lines. For example, our production line

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
			reduces the water consumption of the production line by reducing the overflow flow of the washing tank. For details, please refer to [Summary of Production Proposals]; • Conduct detailed studies on the use of water to facilitate the introduction of water-saving technologies in the factory. For example, for the use of concentrated water, Career recycles concentrated water (pure water from tap water) to be used for toilet flushing or to make softened water; for reclaimed water, Career build two reclaimed water reuse treatment systems to collect low The concentrated wastewater is treated by the reuse water treatment system, and the water quality reaches the requirements for reuse to the production line; for the reuse of the discharged water, Career recycles the waste water to be discharged as the spray water for the acid-base spray tower (most of our production line water is soft pure water Therefore, compared with tap water, the hardness of the waste water to be discharged by Career is lower than that of tap water, which greatly reduces the scale of acid-base waste gas tower and also reduces the cost of descaling). At the same time, the discharged water has also been used for dry film treatment from March 2021. • Through the promotion of environmental safety regular meetings, train employees to improve water efficiency in work and daily activities; and • Install sensory water-saving accessories in toilets, washing facilities, etc.
1.8.3	Relevant sector and/or catchment best practice for water quality shall be identified, including rationale for data source.	YES	Best practices for water quality within the plant site: • Municipal tap water uses water purification facilities such as softened water systems, pure water systems, and ultra-pure water systems to produce softened, pure, and ultra-pure water suitable for production lines to match the water quality with the intended use. • The wastewater discharge water quality target reaches 80% of the current standard (Electroplating Pollutant Discharge Standard (GB21900-2008)).
1.8.4	Relevant catchment best practice for site maintenance of Important Water-Related Areas shall be identified.	YES	Career conducts monthly sampling and self-testing of the surrounding rivers, and integrates the self-testing data by email to inform the Safety and Environment

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
			Bureau. In order to provide data support for the management of the river by government departments.
1.8.5	Relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services shall be identified.	YES	Best practices for site provision of WASH adequacy: • Generally speaking, Career provide employees with safe and sufficient drinking water. Taking into account the increase in water demand when the weather is hot, provide workers in high-temperature positions with an additional 2 bottles of salt soda per person per day; • Complete the internationally recognized WASH self-re-evaluation tool.
2	**COMMIT AND PLAN**		
2.1	**Commit to water stewardship by having the senior-most manager in charge of water at the site, or if necessary, a suitable individual within the organization head office, sign and publicly disclose a commitment to water stewardship, the implementation of the AWS Standard and achieving its five outcomes, and the allocation of required resources.**		
2.1.1	A signed and publicly disclosed site statement OR organizational document shall be identified. The statement or document shall include the following commitments: - That the site will implement and disclose progress on water stewardship program(s) to achieve improvements in AWS water stewardship outcomes - That the site implementation will be aligned to and in support of existing catchment sustainability plans - That the site's stakeholders will be engaged in an open and transparent way - That the site will allocate resources to implement the Standard.	YES	Water Stewardship Commitment and Policy to follow all the AWS core criteria has been signed by Career's Top Management. The commitment has been displayed on Career's website: http://www.careergroups.com/ZH/csr/Default.aspx?Id=46
2.2	**Develop and document a process to achieve and maintain legal and regulatory compliance.**		
2.2.1	The system to maintain compliance obligations for water and wastewater management shall be identified, including:	YES	Within the scope of Career's ISO 14001 management system, all laws and regulations related to water and the environment have been sorted out. For details, see the folder [I-Laws and Regulations]. In the later stage, the water-related laws

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
	- Identification of responsible persons/positions within facility organizational structure - Process for submissions to regulatory agencies.		and regulations of the planned river catchment are required by Career every quarter. Career and SGS sign a legal time audit assistant. SGS will update Career's laws and regulations every quarter and audit it. In compliance with the laws, Career will conduct benchmarking and check for omissions. The responsible person in the organizational structure, see [Website Information].
2.3	**Create a water stewardship strategy and plan including addressing risks (to and from the site), shared catchment water challenges, and opportunities.**		
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.	YES	Career analyzes the water challenges and water risks faced, and in order to reduce the risks and challenges, Career has planned strategies for water quantity and quality control and information disclosure.【2018-2022】 See the document [13_Sustainable Water Management Strategy] for details.
2.3.2	water stewardship plan shall be identified, including for each target: - How it will be measured and monitored - Actions to achieve and maintain (or exceed) it - Planned timeframes to achieve it - Financial budgets allocated for actions - Positions of persons responsible for actions and achieving targets - Where available, note the link between each target and the achievement of best practice to help address shared water challenges and the AWS outcomes.	YES	The water challenges and water risks that Career faces from 2018 to 2022 are mainly in terms of government water quantity and quality control and information disclosure. Career's medium-term goal is to make efforts in three aspects: water quality discharge, water reuse rate improvement, and multi-faceted information disclosure and communication. Achieve zero over-standard water quality discharge; achieve 50% water reuse rate; real-time announcement of water consumption and drainage water quality on the company's external website and internal and external bulletin boards; the company also follows up supporting projects, including internal drainage pipelines, and the company's rain and sewage pipelines are surveyed and 100% repaired. See the document [13_Sustainable Water Management Strategy] for details.
2.4	**Demonstrate the site's responsiveness and resilience to respond to water risks.**		
2.4.1	A plan to mitigate or adapt to identified water risks developed in co-ordination with relevant public-sector and infrastructure agencies shall be identified.	YES	Career has compiled a series of emergency response plans for environmental emergencies and obtained record registration; at the same time, it has compiled an internal document [EP15 Emergency Response Control Operating Procedure]. Career has installed wastewater online monitoring equipment, which is connected to the Environmental Protection Bureau. If there is a waste water online exceeding

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
			the standard, the Environmental Protection Agency will know the first time and will entrust a third-party organization to calibrate and sample the quality control sample; in the case of sampling, the company will also sample and seal the water sample simultaneously, and 1 bottle of self-test.
3	**IMPLEMENT**		
3.1	**Implement plan to participate positively in catchment governance.**		
3.1.1	Evidence that the site has supported good catchment governance shall be identified.	YES	Internal: 1) Career has formulated an internal corporate water management policy to provide guidance for the best water management; 2) Career holds regular monthly energy saving and emission reduction meetings, which promotes water saving and consumption reduction; 3) In terms of environmental compliance in the plant, Career actively responds to government requirements to achieve CCTV survey and open pipe drainage. External: 1) Career invites river chiefs, neighboring factories and employees to participate in the river basin co-governance activity held by Career. A total of 17 people participated in the activity. For details, please refer to the folder [Watershed Co-governance Activities]; 2) Career actively communicates with government departments and has made a list of government contacts. Regarding watershed issues, Career communicates via email/telephone and participate in environmental protection meetings. For details, see [14_Environmental Safety Course and External Communication Records], and plan to update in time.
3.1.2	Measures identified to respect the water rights of others including Indigenous peoples, that are not part of 3.2 shall be implemented.	N/A	The Company's activities do not involve infringement of the water-related rights of others, including indigenous peoples.
3.2	**Implement system to comply with water-related legal and regulatory requirements and respect water rights.**		

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
3.2.1	A process to verify full legal and regulatory compliance shall be implemented.	YES	Within the scope of Career's ISO 14001 management system, all laws and regulations related to water and the environment have been sorted out. For details, see the folder [I-Laws and Regulations]. In the later stage, the water-related laws and regulations of the planned river catchment are required by Career every quarter. Career and SGS sign a legal time audit assistant. SGS will update Career's laws and regulations every quarter and audit it. In compliance with Career's laws, the company will conduct benchmarking and check for omissions.
3.2.2	Where water rights are part of legal and regulatory requirements, measures identified to respect the water rights of others including Indigenous peoples, shall be implemented.	N/A	The Company's activities do not involve infringement of the water-related rights of others, including indigenous peoples.
3.3	**Implement plan to achieve site water balance targets.**		
3.3.1	Status of progress towards meeting water balance targets set in the water stewardship plan shall be identified.	YES	See the folder [D-Management Plan] for the specific implementation of the water balance target, and it is planned to be updated monthly. It covers water management plans, water implementation performance, and water implementation data reporting documents.
3.3.2	Where water scarcity is a shared water challenge, annual targets to improve the site's water use efficiency, or if practical and applicable, reduce volumetric total use shall be implemented.	YES	When Career is studying water volume improvement, it plans to continuously improve water volume for production water. Career calculates the water consumption per unit of double-sided panel products by counting the production water consumption and product output in 2021 (converted into double-sided panels). Then use it to compare it with the Suzhou Industrial Water Quota PCB double-sided level II standard. For details, see [D-Management Plan].
3.3.3	Legally-binding documentation, if applicable, for the re-allocation of water to social, cultural or environmental needs shall be identified.	N/A	No re-allocation of water resources was required.
3.4	**Implement plan to achieve site water quality targets.**		
3.4.1	Status of progress towards meeting water quality targets set in the water stewardship plan shall be identified.	YES	Career strictly controls water quality. The wastewater discharge outlet has online monitoring equipment to connect with the government. It monitors Career's water

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
			quality indicators at any time and summarizes the indicators on a monthly basis. If the data exceeds the standard, the company will be punished. For details, see [2021 Sewage automatic monitoring value] update monthly. A third-party testing agency is entrusted to test the water quality of the wastewater discharge outlet every month, and the data on the test report is summarized into a table. For details, see [05_Sewage water quality statistics]. At the same time, the company also has a collection of self-test data, which monitors and summarizes each water body on time every day, and the monitoring data is archived in the factory. Career monitors the drinking water in the plant area every year. For details, see the folder [B-Dormitory Drinking Water]. For the 2022 inspection plans, please refer to the folder [Test Items].
3.4.2	Where water quality is a shared water challenge, continual improvement to achieve best practice for the site's effluent shall be identified and where applicable, quantified.	YES	Career has defined the stricter discharge limits for its effluent, which are 80% of the permitted discharge levels specified in the "Discharge Standard of Pollutants for Electroplating" (GB 21900-2008-Table 2) issued by the Environmental Protection Department. See [D-Management Plan] for details.
3.5	**Implement plan to maintain or improve the site's and/or catchment's Important Water-Related Areas.**		
3.5.1	Practices set in the water stewardship plan to maintain and/or enhance the site's Important Water-Related Areas shall be implemented.	YES	Career conducts monthly sampling and self-testing of the surrounding rivers, and integrates the self-testing data by email to inform the Safety and Environment Bureau. In order to provide data support for the management of the river by government departments.
3.6	**Implement plan to provide access to safe drinking water, effective sanitation, and protective hygiene (WASH) for all workers at all premises under the site's control.**		
3.6.1	Evidence of the site's provision of adequate access to safe drinking water, effective sanitation, and protective hygiene (WASH) for all workers onsite shall be identified and where applicable, quantified.	YES	Career monitors the drinking water in the plant area every year. For details, please refer to the folder [B-Dormitory Drinking Water]. There are a total of 127 squatting pits in the company's office and production workshop areas. Based on the number of employees in the work area on each floor (calculated as day-shift manpower) and in accordance with the "Design Sanitary

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
			Standards for Industrial Enterprises" (GBZ1-2010), it is calculated that a total of 57 squatting pits are required in the work area. It can be seen that it fully meets the specification design requirements. For the specific calculation process, see [Statistics of Health Facilities]. Complete the internationally recognized WASH Self-Re-assessment Tool.
3.6.2	Evidence that the site is not impinging on the human right to safe water and sanitation of communities through their operations, and that traditional access rights for Indigenous and local communities are being respected, and that remedial actions are in place where this is not the case, and that these are effective.	YES	No evidence is showed that the site is impinging on the human right to safe water and sanitation of communities through their operations according to the interviews with Career's employees, local community and local government authorities.
3.7	**Implement plan to maintain or improve indirect water use within the catchment.**		
3.7.1	Evidence that indirect water use targets set in the water stewardship plan, as applicable, have been met shall be quantified.	YES	Career actively communicates with suppliers, and in the basin: Kunshan Xingrong Chemical Co., Ltd. responded positively. The company is engaged in basic chemical raw materials for water treatment. The annual water intake is 552 tons of water, and the external drainage is only domestic sewage. The company's water-saving measures are as follows: industrial wastewater (mostly high-salt wastewater) is treated by a three-effect evaporation device, and no industrial wastewater is discharged to the outside. At the same time, the secondary evaporation gas generated by the wastewater is quickly converted into condensed water and reused to the acid washing tower for spraying (expected 4T/d), it is expected to save about 1,200T fresh water a year. Among them, in the basin: Suzhou Xinguangyi Electronics Co., Ltd. responded positively. The company is engaged in the manufacture of excipients. The annual water intake is 3396T/year, and there are domestic sewage and a small amount of external drainage from the cooling tower. The company expanded and added cooling cycle equipment in November 2021. The water-saving measures are as follows: the casting compound section and the coating compound section use circulating cooling water to indirectly cool the equipment and rollers respectively, and the cooling water is recycled and discharged regularly. The estimated annual water supply for the expanded cooling circulation equipment is 11532T/year; the

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
			estimated circulation volume is 1127360T/year; the circulating cooling wastewater is estimated to be 240T/year, which will be discharged to Xukou Town Sewage Treatment Plant for treatment.
3.7.2	Evidence of engagement with suppliers and service providers, as well as, when applicable, actions they have taken in the catchment as a result of the site's engagement related to indirect water use, shall be identified.	YES	Career selected three service providers through the questionnaire, all of which are hazardous waste disposal vendors. And from them, Career selected two service providers and obtained information on water quality, water quantity, and water risk of service providers respectively, and to assist their water conservation and water improvement. The service provider water plan is detailed in the document [16_Service Provider Water Risk] which has a survey of the manufacturer's water consumption, and the manufacturer's watershed situation. According to the watershed and the size of the water consumption to decide to track their water use. Career actively communicate with the service provider, of which the watershed Wujiang Luyi Solid Waste Recycling and Disposal Co., Ltd. responded positively. The steam condensate produced by the company's waste heat boiler is reused in the soft water treatment equipment; vehicle and site washing water, wastewater from water curtain dust removal of sludge drying waste gas, wastewater from washing tower, initial rainwater from storage tank area and laboratory wastewater are pretreated by the wastewater treatment station in the plant and then enter the three-effect evaporation system for treatment; the condensate produced by the three-effect evaporation system is connected to the town sewage treatment plant together with the pretreated initial rainwater and domestic sewage. The condensate produced by the three-effect evaporation system is connected to the town sewage treatment plant together with the initial rainwater and domestic sewage after pretreatment. It not only saves fresh water, but also reduces the discharge of pollutants. Taizhou Huahao Scrap Metal Comprehensive Utilization Co., Ltd. responded positively, which is outside of the watershed. The company uses waste liquid for pulping and washing process to give priority to using reuse water, and the waste liquid produced by the filter press is then reused for pulping process. In this way, it is recycled to achieve zero discharge of industrial wastewater.

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
			OBS01: While identifying evidence of cooperation with suppliers and service providers, it is recommended that suppliers be asked to quantify the actual water management performance generated.
3.8	**Implement plan to engage with and notify the owners of any shared water-related infrastructure of any concerns the site may have.**		
3.8.1	Evidence of engagement, and the key messages relayed with confirmation of receipt, shall be identified.	YES	Career paid close attention to the changes in the water quality of the Gangdong Sewage Treatment Plant (Everbright Water) in the Development Zone, and proactively contacted it to sign a wastewater discharge contract. Career sent a satisfaction survey questionnaire to Everbright Water, hoping to understand Everbright Water's evaluation and improvement suggestions on Career's efforts in sustainable water management. Career actively pays attention to the takeover of discharged wastewater and the application of drainage permits. It is understood that the government is improving the sewage collection pipeline network and the access problem of industrial wastewater. In the future, companies that were originally connected to the electroplating center will be connected to the municipal sewage treatment plant, and the COD index will be looser than the existing standard. At the same time, it was learned that Everbright Water is undergoing technical transformation of tail water upgrading. Therefore, Career actively communicate with Everbright Water, and the results of the communication are as follows: The current emission standards still need to be maintained, and if there are government redhead documents issued in the future, Career will actively communicate with enterprises. Career organized a watershed co-governance activity on December 2, 2021, which included a visit to the Everbright Sewage Treatment Plant. For the polluter, they want to know the water quality after treatment by the urban sewage treatment plant. During the communication process, we learned that Everbright Water has successively received notices of upgrading and renovation issued by the Jiangsu Provincial Department of Housing and Urban-Rural Development and the Suzhou Municipal Party Committee Office. According to the person in charge of the company, the rear AO pool, anaerobic pool and lift pump have been added in this technical renovation project; the tail water has reached the surface water

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
			environmental quality standard (GB3838-2002) Class IV water standard, and the tail water is currently available Come to the river.
3.9	**Implement actions to achieve best practice towards AWS outcomes: continually improve towards achieving sectoral best practice having a local/catchment, regional, or national relevance.**		
3.9.1	Actions towards achieving best practice, related to water governance, as applicable, shall be implemented.	YES	Water Stewardship Commitment and Policy to follow all the AWS core criteria has been signed by Career's Top Management. The commitment has been displayed on Career's website: http://www.careergroups.com/ZH/csr/Default.aspx?Id=46
3.9.2	Actions towards achieving best practice, related to targets in terms of water balance shall be implemented.	YES	When Career is studying water volume improvement, it plans to continuously reduce water volume for production water. 1) Water re-cycle rate increased to 50%; 2) The utilization of released water increased by 50% year-on-year; 3) The unit consumption of production water is not higher than 0.6T/m2 (the product output is converted into double-sided calculation)
3.9.3	Actions towards achieving best practice, related to targets in terms of water quality shall be implemented.	YES	Career has defined the stricter discharge limits for its effluent, which are 80% of the permitted discharge levels specified in the "Discharge Standard of Pollutants for Electroplating" (GB 21900-2008-Table 2) issued by the Environmental Protection Department. See [D-Management Plan] for details.
3.9.4	Actions towards achieving best practice, related to targets in terms of the site's maintenance of Important Water-Related Areas shall be implemented.	YES	Career conducts monthly sampling and self-testing of the surrounding rivers, and integrates the self-testing data by email to inform the Safety and Environment Bureau. In order to provide data support for the management of the river by government departments.
3.9.5	Actions towards achieving best practice related to targets in terms of WASH shall be implemented.	YES	Career has adopted WSCSD Self-Re-assessment Tool. The Re-assessment results demonstrated that the site has provided adequate access to safe drinking water, effective sanitation, and protective hygiene (WASH) for all workers onsite. See [Career's WSCSD Self-Re-assessment Tool] for details.

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
4	**EVALUATE**		
4.1	**Evaluate the site's performance in light of its actions and targets from its water stewardship plan and demonstrate its contribution to achieving water stewardship outcomes.**		
4.1.1	Performance against targets in the site's water stewardship plan and the contribution to achieving water stewardship outcomes shall be evaluated.	YES	Career's sustainable water management plan is being implemented. The water management implementation data is described in the document. See the folder [D-Management Plan] for details. It covers water management plans, water implementation performance, and water implementation data reporting documents.
4.1.2	Value creation resulting from the water stewardship plan shall be evaluated.	YES	Water-related costs: Career calculates the total water purchase cost based on the total water intake every month; calculates Career's water-related costs based on the power of water production facilities, equipment consumption records, maintenance costs, and labor costs; according to the power of sewage treatment equipment, the cost of medicine, labor costs, and sewage charges to calculate the relevant costs of sewage treatment; to entrust the nickel-containing waste liquid to a qualified company for the treatment of hazardous waste; and water-related training fees See [07_Water Related Costs and Income] for details. Water-saving benefits: Career saves a total of 210,000 Tons of fresh water through a series of measures such as increasing the utilization of concentrated water, increasing the utilization of discharged water, and increasing the reuse rate of reclaimed water to 50%, which is expected to save RMB 843,200. Water-related income: Career entrusts the etching waste liquid and the cyanide-containing waste liquid to the enterprise with the qualification of hazardous waste business license by the way of hazardous waste disposal. The unit price is calculated by detecting the copper content and the gold content, and then the income is calculated based on the transfer volume. The value creation is RMB 2,592,464. See [07_Water Related Costs and Income] for details.
4.1.3	The shared value benefits in the catchment shall be identified and where applicable, quantified.	YES	Career invites the government and neighboring factories to participate in the watershed governance activities. The purpose is to ensure the improvement of its own water environment, while hoping to use its own influence to promote relevant parties to pay attention to the importance of water and reduce the pollution of the

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
			water environment. For details, see the folder [Watershed Co-governance Activities]. Starting in 2018, the surrounding rivers will be detected and the data will be shared with the local safety and environmental bureau. The goal is to assist the safety and environmental bureau to understand the water risks of the local river catchment.
4.2	**Evaluate the impacts of water-related emergency incidents (including extreme events), if any occurred, and determine the effectiveness of corrective and preventative measures.**		
4.2.1	A written annual review and (where appropriate) root-cause analysis of the year's emergency incident(s) shall be prepared and the site's response to the incident(s) shall be evaluated and proposed preventative and corrective actions and mitigations against future incidents shall be identified.	YES	No water-related emergencies and extreme events occurred at the site in recent years.
4.3	**Evaluate stakeholders' consultation feedback regarding the site's water stewardship performance, including the effectiveness of the site's engagement process.**		
4.3.1	Consultation efforts with stakeholders on the site's water stewardship performance shall be identified.	YES	Career conducts a questionnaire survey on sustainability water management satisfaction with related parties, and summarizes the survey opinions as the basis for updating the company's water management strategy for the next year. Career will conduct a survey on related parties in 2021 Questionnaire. Among them, there are 17 questionnaires, including government agencies, similar manufacturers, third parties, communities, sewage treatment plants and company employees. Through the questionnaire survey, the company summarized the contents of the questionnaire. Through the satisfaction questionnaire survey, all stakeholders are generally satisfied with the company's sustainable water management performance. 1) Government agencies unanimously demand that Career reduce pollutant emissions, actively respond to government calls, make water use transparent, reduce water use and discharge, and improve the quality of discharged water. 2) Similar manufacturers hope that the government will improve the water quality of the catchment and lower the water price on the website information

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
			announcement. It is hoped thatm Career will be concerned about the surrounding environmental impacts and actively respond to the government's call to make water use transparent, reduce water use, and reduce pollutant emissions. 3) Sewage treatment plant hopes that the government will improve the water quality of the river catchment, reduce the water price, and increase the depth of inspection on the website information. It hopes that Career will make water use transparent, reduce water use and discharge, improve the quality of discharged water and reduce the discharge of pollutants. 4) Third party and community hopes that Career will improve the quality of discharged water to reduce the discharge of pollutants, and actively respond to the call of the government. They all hope that the government will make improvements in the information disclosure on the website. 5) The employees of the company unanimously hope that the government will make improvements in the information disclosure on the website, and hope that Career will strengthen the audit of suppliers and make water use transparent. After the questionnaire survey, Career learned that employees have the following suggestions for sustainable water management improvement: 1) Replace the water taps with sensor faucets within the plant; 2) Divide the water quality of the plant employees' daily use, and collect better water for reuse (for example: the water used for washing hands in the bathroom can be collected separately and reused after simple processing) to save water resources. The above suggestions provide good suggestions for achieving a sustainable water balance. At the same time, the Environmental Safety Section and the General Affairs Section actively evaluate the feasibility of the plan. If the plan is economically feasible, it will be included in the next year's water management plan. Publicly disclose water-related documents, sewage information, water intake information, etc., and relevant parties actively communicate and investigate water-related plans through questionnaires.

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
			Career's new employees were trained, and relevant environmental and safety related meetings, pre-employment education and training were carried out.
4.4	**Evaluate and update the site's water stewardship plan, incorporating the information obtained from the evaluation process in the context of continual improvement.**		
4.4.1	The site's water stewardship plan shall be modified and adapted to incorporate any relevant information and lessons learned from the evaluations in this step and these changes shall be identified.	YES	Career conducts water stewardship plan review on 15 Oct., 2021. The evaluation of the data showed that the plan is advancing toward its intended goals, lessons learned/areas for improvement were noted, and the company updated that water risks have changed since the last evaluation, etc.
5	**COMMUNICATE & DISCLOSE**		
5.1	**Disclose water-related internal governance of the site's management, including the positions of those accountable for legal compliance with water-related local laws and regulations.**		
5.1.1	The site's water-related internal governance, including positions of those accountable for compliance with water-related laws and regulations shall be disclosed.	YES	Career's Organization Chart clearly shows the manager representative of environment and water stewardship, the responsible department and person.
5.2	**Communicate the water stewardship plan with relevant stakeholders.**		
5.2.1	The water stewardship plan, including how the water stewardship plan contributes to AWS Standard outcomes, shall be communicated to relevant stakeholders.	YES	Career communicates its water stewardship plan with many stakeholders, including 2020 Water Management Performance and 2021 Water Management Plan.
5.3	**Disclose annual site water stewardship summary, including the relevant information about the site's annual water stewardship performance and results against the site's targets.**		
5.3.1	A summary of the site's water stewardship performance, including quantified performance against targets, shall be disclosed annually at a minimum.	YES	Career discloses a summary of its water stewardship performance, including quantified performance against targets.
5.4	**Disclose efforts to collectively address shared water challenges, including: associated efforts to address the challenges; engagement with stakeholders; and co-ordination with public-sector agencies.**		

Indicator	Details (Core)	Y/N	Evidence Reviewed/Document Reference
5.4.1	The site's shared water-related challenges and efforts made to address these challenges shall be disclosed.	YES	Career has disclosed its shared water-related challenges and efforts made to address these challenges on the South Gate Bulletin Board of the plant.
5.4.2	Efforts made by the site to engage stakeholders and coordinate and support public-sector agencies shall be identified.	YES	Career organized a watershed co-governance activity on December 2, 2021, which included a visit to the Everbright Sewage Treatment Plant. For the polluter, they want to know the water quality after treatment by the urban sewage treatment plant. During the communication process, we learned that Everbright Water has successively received notices of upgrading and renovation issued by the Jiangsu Provincial Department of Housing and Urban-Rural Development and the Suzhou Municipal Party Committee Office. According to the person in charge of the company, the rear AO pool, anaerobic pool and lift pump have been added in this technical renovation project; the tail water has reached the surface water environmental quality standard (GB3838-2002) Class IV water standard, and the tail water is currently available Come to the river.
5.5	**Communicate transparency in water-related compliance: make any site water-related compliance violations available upon request as well as any corrective actions the site has taken to prevent future occurrences.**		
5.5.1	Any site water-related compliance violations and associated corrections shall be disclosed.	YES	No water-related compliance violations occurred at the site to date. The interviews with officials from local government authorities also confirmed Career's compliance with national and local water related regulations.
5.5.2	Necessary corrective actions taken by the site to prevent future occurrences shall be disclosed if applicable.	YES	Refer to the Criterion 5.5.1. No water-related compliance violations occurred at the site in 2021.
5.5.3	Any site water-related violation that may pose significant risk and threat to human or ecosystem health shall be immediately communicated to relevant public agencies and disclosed.	YES	Refer to the Criterion 5.5.1. No water-related compliance violations occurred at the site in 2021.

5.2 ADVANCED-LEVEL AWS INDICATORS

SGS also conducted a benchmarking exercise for Career's performance against the AWS Advanced-Level Criteria. The evaluation results are presented in the following Table 5.2.

Table 5.2 Evidence Reviewed by SGS Against Advanced-Level AWS Criteria

Indicator	Details (Advanced-Level)	Evidence Reviewed/Document Reference	Score
1	**GATHER AND UNDERSTAND**		
1.4.3	The embedded water use of primary inputs in catchment(s) of origin shall be quantified. (7 points)	Career originally planned to use suppliers to meet the cost of raw materials accounting for 5% of the total cost. After investigation, it was found that there are 3 suppliers with more than 5% of cost and a total of 5 suppliers with more than 3%. In the end, Career plans to use 14 manufacturers with more than 1% of cost. Compared with the survey results in previous years, 5 of them have been audited on-site in previous years, and there is no industrial water, only drinking water, so the survey is not meaningful. 2 of them are agents, and the investigation is not meaningful. Finally, 7 suppliers were selected from 14 suppliers for investigation. At the same time, considering that Career's chemical suppliers have high EHS risks, they are hereby included in the supply chain water risk survey. A total of 6 chemical suppliers were included in the survey, and one of them was duplicated by more than 1% of the suppliers. Therefore, a total of 12 suppliers will be surveyed in 2021. Career designed a questionnaire survey. According to the feedback data from the questionnaire, the water consumption of the suppliers was ranked, and the risk level of the supply chain was discharged according to the specific water risk ranking tool WWF. Multiply the two to calculate the supply chain water risk ranking table. For details, see [08_Supplier Water Risk]. Career added statistics for suppliers certified to ISO 14001 in 2021.	7
1.5.8	Efforts by the site to support and undertake catchment level water-related data collection shall be identified. (4-7 points)	Career conducts sampling and self-testing of the surrounding rivers every month, and integrates the self-test data to inform the Safety and Environmental Protection Bureau by email. It is expected to provide data support for government departments to manage river courses.	6

Indicator	Details (Advanced-Level)	Evidence Reviewed/Document Reference	Score
1.5.9	The adequacy of WASH provision within the catchments of origin of primary inputs shall be identified. (4 points)	Career has confirmed the adequacy of WASH at the location of Jingyong Recycling (Chongqing) Co., Ltd., one of the chemical suppliers. According to the 2020 Chongqing annual data, which includes: • Chongqing's total water resources in 2020 will be 76.686 billion cubic meters, and the total water consumption will be 7.011 billion cubic meters; • 100% compliance rate of drinking water sources in Chongqing. Career has confirmed the adequacy of WASH at the location of our chemical supplier, Atotech (China) Chemical Co., Ltd. Shanghai Qingpu Branch. According to the 2020 Shanghai Statistical Yearbook, which includes: • There are 6,225 public toilets, 29,811 household garbage collection points, 1,681 manure dumping stations, and 40,439 septic tanks in Shanghai's sanitation system. • There are 49 sewage treatment plants in Shanghai.	4
1.6.3	Future water issues shall be identified, including anticipated impacts and trends. (3 points)	Generally speaking, the industrial water consumption in Suzhou has fluctuated in recent years, and the domestic water consumption has increased year by year, and the agricultural water consumption has been greatly affected by the high and dry years. The Kunshan city level also shows the same trend. According to the plan, by 2025, the total water consumption of Jiangsu Province will be controlled at 52.59 billion cubic meters. The total water consumption target of Suzhou City is to complete the tasks assigned by the province, and the target of Kunshan City is 626 million cubic meters. The total water consumption of Kunshan City is stable at about 500 million cubic meters, which is quite different from the target of 626 million cubic meters in 2025. In Kunshan City, water mainly depends on transit water resources or water sources outside the administrative area. Kunshan will not be in the next two years. water-scarce cities. That is, Suzhou city level will further reduce water consumption, while Kunshan still reserves some room for growth.	3
1.6.4	Potential water-related social impacts from the site shall be identified, resulting in a social impact Re-assessment with a particular focus on water. (4 points)	No evidence.	0

Indicator	Details (Advanced-Level)	Evidence Reviewed/Document Reference	Score
2	**COMMIT AND PLAN**		
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)	Water Stewardship Commitment and Policy to follow all the AWS core criteria has been signed by Career's Top Management. The commitment has been displayed on Career's website: http://www.careergroups.com/ZH/csr/Default.aspx?Id=46	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 organizational ownership) shall be identified and described. (4 points)	Career signed a fire protection and environmental protection mutual assistance agreement with Yuan Stirrup Metal Industry (Kunshan) Co., Ltd., and immediately provided disaster relief volunteers in the event of an emergency, such as waste water leakage pollution support, emergency and fire protection facilities sharing, etc., and relevant exercises have been carried out.	4
2.3.4	The site's partnership/water stewardship activities with other sites in another catchment(s) (either under same corporate structure or with another corporate site) shall be identified. (4 points)	No evidence.	0
2.3.5	Stakeholder consensus shall be sought on the site's water stewardship plan. Consensus should be achieved on at least one target. A list of targets that have consensus and in which stakeholders are involved shall be identified. (7 points)	Career invites the Development Zone Environmental Protection Bureau, environmental protection experts, neighboring factories and employee representative to participate in watershed governance activities on Oct. 21, 2021. See [Summary Report on Watershed Governance Activities] for details.	7
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)	No evidence.	0
3	**IMPLEMENT**		

Indicator	Details (Advanced-Level)	Evidence Reviewed/Document Reference	Score
3.1.3	Evidence of improvements in water governance capacity from a site-selected baseline date shall be identified. (2 points)	Career publishes the High-level Commitment Letter and Water Stewardship Organization Chart to stakeholders on its Official Website. On Oct. 15, 2021, the top management discussed water-related issues in the management review meeting.	2
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)	No evidence.	0
3.3.4	The total volume of water voluntarily re-allocated (from site water savings) for social, cultural and environmental needs shall be quantified. (6 points)	No evidence.	0
3.5.2	Evidence of completed restoration of non-functioning or severely degraded Important Water-Related Areas including where appropriate cultural values from a site-selected baseline date shall be identified. Restored areas may be outside of the site, but within the catchment. (6 points)	No evidence.	0
3.5.3	Evidence from a representative range of stakeholders showing consensus that the site is seen as positively contributing to the healthy status of Important Water-Related Areas in the catchment shall be identified. (2 points)	No evidence.	0
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 hygiene awareness shall be identified. (5 points)	Career has taken series of actions to support the provision to stakeholders in the catchment of access to safe drinking water, adequate sanitation and hygiene awareness, including: • Specified to provide clean drinking water and sanitation facility to the contractors in the "Project Contract (WY2020102001)";	5

Indicator	Details (Advanced-Level)	Evidence Reviewed/Document Reference	Score
		• Carried out the health and safety training, such as seven-step handwashing for restaurant outsourcing personnel.	
3.6.4	In catchments where WASH has been identified as a shared water challenge, evidence of efforts taken with relevant public-sector agencies to share information and to advocate for change to address access to safe drinking water and sanitation shall be identified. (4 points)	No evidence.	0
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)	Career actively communicates with suppliers. Outside the basin: Jingyong Recycling (Chongqing) Co., Ltd. responded positively. The company is engaged in the manufacture of process potions. The annual water intake is 6,248 tons. The company's water-saving measures are as follows: 1) The company has built a set of 300T/d wastewater treatment facilities, and part of the water that has been treated by the wastewater treatment facility up to the standard is used for the preparation of chemicals in the wastewater station (estimated 1T/d). It is expected to save about 300T of fresh water a year. 2) The regeneration and recovery of the acid etching waste liquid meets the production requirements of the acid etching liquid of the PCB production line, and is sold after deployment. The total copper concentration of the acid etching waste liquid is 130g/L. After the 10g/L total copper in the etching waste liquid is deposited as copper powder by electrolysis, the total copper concentration in the regenerated acid etching solution is 120g/L, which can be reused in the acid etching line. Index requirements (Cu2+: ~120g/L). The acid etching waste liquid is pumped into the ion-exchange membrane electrolyzer. The membrane used is a sulfonic acid type cation exchange membrane. The anode, cathode and electrode are titanium electrodes. The anolyte is the acid etching waste liquid. Centrifugal separation of reflux liquid, normal temperature electrolysis. The ion membrane electrolysis technology oxidizes the monovalent cuprous chloride complex ions on the anode surface to divalent cupric chloride complex ions with etching ability, and realizes the regeneration of the acid etching waste liquid. The copper-chloride complex ions in the cathode area are pre-converted to deposit copper powder, and the copper powder is scraped off by an automatic powder scraper. Since the deposited copper powder contains acid	6

Indicator	Details (Advanced-Level)	Evidence Reviewed/Document Reference	Score
		etching solution, it enters the centrifuge and washes with water. The initial washing water is returned to the combined electrolytic cell for further utilization due to its high concentration, and then centrifugal washing is performed twice to obtain copper powder with a purity of 99.9%.	
3.9.6	Achievement of identified best practice related to targets in terms of good water governance shall be quantified. (8 points)	The company reviewed and updated a comprehensive sustainable water management plan monthly, and reviewed sustainable water stewardship plan annually. Assigned senior personnel for the responsibility of sustainable water management. Trained staff on principles of sustainable water management on 9 June and 19 November, 2021. Conducted the Pipeline leakage emergency drill on 14 June, 2021. Promote the company's sustainable water management practices via website, supplier meeting, water stewardship initiative on 2 December, 2021, and set an example for others.	8
3.9.7	Achievement of identified best practice related to targets in terms of sustainable water balance shall be quantified. (8 points)	See the folder [D-Management Plan] for the specific implementation of the water balance target, and it is planned to be updated monthly. It covers water management plans, water implementation performance, and water implementation data reporting documents.	8
3.9.8	Achievement of identified best practices related to targets in terms of water quality shall be quantified. (8 points)	Career installs on-line testing equipment, COD, ammonia nitrogen, total phosphorus, copper, nickel, pH, flow meters are connected to the network to record the data obtained from daily testing, and the Environmental Protection Bureau summarizes the data at the end of the month, sends it to Career for seal. According to the data quality change graph, Career checks the operation of the wastewater area and monitors the compliance of the company's wastewater operation. At the same time, Career's industrial wastewater entrusts a third party to sample once a month, and summarizes the data in the third party's test report into a table. See [05_Sewage water quality data statistics] for details.	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	No evidence.	0

Indicator	Details (Advanced-Level)	Evidence Reviewed/Document Reference	Score
3.9.10	Achievement of identified best practice related to targets in terms of WASH shall be quantified. (4 points)	Career monitors the drinking water in the plant area every year. For details, see the folder [B-Dormitory Drinking Water]. At the same time, Career has compiled EW14-05 drinking water management specifications. There are a total of 127 pits in the office and production workshop areas of Career. Based on the number of employees in the work area on each floor (calculated as day-shift manpower) and in accordance with the "Design Sanitary Standards for Industrial Enterprises" (GBZ1-2010), it is calculated that a total of 57 squatting pits are required in the work area. It can be seen that it fully meets the specification design requirements. For the specific calculation process, see [Statistics of Health Facilities]. Inside the bathroom, there are posted toilet cleanliness standards and toilet hygiene checklists. During the COVID-19, Career compiled a new coronavirus control and prevention manual to provide guidance for epidemic prevention and control management. The prevention manual was broadcast on TV screens in workshops and dormitories for employees to learn.	4
3.9.11	A list of efforts to spread best practices shall be identified. (3 points)	1) Satisfaction questionnaire seeks input from stakeholders on best practice initiatives for sustainable water management; 2) The Nanmen Bulletin Board will publicize the performance of sustainable water management in 2020 to solicit public opinions; 3) On Oct. 21, 2021, a consultation meeting with suppliers, neighboring enterprises and employees on the achievement of sustainable water management plans will be organized; 4) In 2021, the company promoted 5 suppliers to save water and improve water quality by email. The email mentioned Jialianyi's achievements in water saving, hoping that suppliers could learn from and improve	3
3.9.12	A list of collective action efforts, including the organizations involved, positions of responsible persons of other entities involved, and a description of the role played by the site shall be identified. (8-14 points)	No evidence.	0

Indicator	Details (Advanced-Level)	Evidence Reviewed/Document Reference	Score
3.9.13	Evidence of the quantified improvement that has resulted from the collective action relative to a site-selected baseline date shall be identified and evidence from an appropriate range of stakeholders linked to the collective action (including both those implementing the action and those affected by the action) that the site is materially and positively contributing to the achievement of the collective action shall be identified. (3-10 points)	No evidence.	0
4	**EVALUATE**		
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 incidents shall be identified. (3 points)	On Oct. 15, 2021, the top management discussed water-related issues in the management review meeting. Based on the requirements of the AWS Standard, Career analyzed the water-related challenges in the same catchment, and take corresponding measures to control the common water challenges. At this stage, the management measures are effective. See the common water challenge analysis table for details. Analyze Career's existing water risks and water opportunities, and see the water risks and opportunities table for specific risk control measures and potential benefits.	3
4.3.2	The site's efforts to address shared water challenges shall be evaluated by stakeholders. This shall include stakeholder reviewing of the site's efforts across all five outcome areas, and their suggestions for continual improvement. (6 points)	Stakeholders water stewardship satisfaction survey was conducted on an annual basis. A total of 12 responses were collected and analysed. The survey includes topics such as water quality of the river catchment, tap water prices and sewage treatment fees, the level of implementation of laws and regulations, the level of implementation of watershed management plans/actions, and climate change, etc. Overall, stakeholders were satisfactory, stakeholder also provided additional comments which were analysed by Career and taken into account for future action plan.	6
5	**COMMUNICATE & DISCLOSE**		

Indicator	Details (Advanced-Level)	Evidence Reviewed/Document Reference	Score
5.3.2	The site's efforts to implement the AWS Standard shall be disclosed in the organization's annual report. (1 point)	No evidence.	0
5.3.3	Benefits to the site and stakeholders from implementation of the AWS Standard shall be quantified in the organization's annual report. (1 point)	No evidence.	0
Total			**85**

7 AUDIT FINDINGS

Table 7.1 One observation was raised during the audit process.

No.	Type	Ref.	Details
1	Observation	OBS1	OBS01: While identifying evidence of cooperation with suppliers and service providers, it is recommended that suppliers be asked to quantify the actual water management performance generated.

No non-conformity was raised in this Re-assessment audit.

8 SUMMARY

Based on the review of documents presented by Career, the interview with Career's managers and employees, and the site reconnaissance, Career has paid great attention to strengthening its water stewardship. A considerable quantity of effort and work has been put into the preparation for the Re-assessment.

One observation was raised during the audit. It was considered meeting the AWS Core criterion requirement. Observation is defined as an area of concern regarding a process, document, or activity where there is opportunity for improvement, and no responses are required.

In addition, according to the Re-assessment of Career's performance against the AWS advanced-level criteria, the total of Career's cumulative advanced-level criteria scores is 85, which is upgrade to the AWS Platinum Level.

9 OPPORTUNITIES FOR IMPROVEMENT

Career will finish the first cycle of its AWS certification, and the re-assessment will be carried out in 2021. Besides the evaluation of Career's performance against the AWS Standard indicators and how this is monitored and presented as compliance, stakeholder consultation will be a key focus of the re-assessment. Thus, SGS recommends that Career further strengthen its communication with relevant stakeholders in a transparency way, and carefully study the new standard and its requirements. In addition, Career should keep all relevant records in anticipation of future re-assessment.

10 CONCLUSIONS AND RECOMMANDATIONS

Given the review of evidences presented and the site reconnaissance performed at Career, SGS recommends that Career's AWS certification level be upgraded to Platinum Certified status without changing the valid period of existing AWS certificate.