



Alliance for Water Stewardship Assessment Report

Prepared for Nestlé Nigeria PLC, Nestlé Agbara

(AWS-000100)

Prepared by: SGS

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REPORT DETAILS

| | | |
|---------------------|--|---------|
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| CLIENT: | NESTLÉ NIGERIA PLC NESTLÉ AGBARA | |
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1 EXECUTIVE SUMMARY

The scope of services covers the conformity assessment of water use in compliance with the AWS International Water Stewardship Standard (Version 2.0) for Nestlé Nigeria Plc (Agbara Factory) (hereinafter referred to as “the site”) located at 22-24 Industrial Avenue, Ilupeju, P.M.B 21164 Ikeja in Nigeria.

The assessment has been completed in compliance with the AWS Certification requirements, Version 2.0 dated March 2022.

On December. 9-10, 2021, SGS, Tecnos, S.A.U., (hereinafter referred to as “SGS”) conducted the conformity assessment for site’s facilities and activities with regard to certification to the AWS Standard. A total of six findings were raised during the course of the audit process, and they were categorized as 2 minor non conformances, which were closed before concluding the audit, and 4 observations.

Given the review of evidence produced and site visit inspections performed at the NESTLÉ AGBARA, SGS recommends that NESTLÉ AGBARA , is awarded AWS Core Certified status with a surveillance audit interval of annual frequency.

2 SCOPE OF ASSESSMENT

The scope of services covers the conformity assessment of water use in compliance with the AWS International Water Stewardship Standard (Version 2.0) for Nestlé AGBARA Factory (hereinafter referred to as “the site”) located at 22-24 Industrial Avenue, Ilupeju, P.M.B 21164 Ikeja in Nigeria.

The assessment has been completed in compliance with the AWS Certification requirements, Version 2.0 dated March 2022.

On December. 9-10, 2019, SGS conducted the conformity assessment of site’s facilities and activities with regard to certification to the AWS Standard. Table 2.1 presents SGS audit team. The audit plan is attached as a separate document.

| Audit Team | Qualifications/Experience | |
|-----------------------|---------------------------|--|
| Paula Gómez | Lead Auditor | AWS certified auditor, with more than 14 years experience in pollution control, environmental impact assessment, ISO14001 audit and training. |
| Onwukwe, James Ikenna | Local Expert | Responsible for SGS Nigeria water laboratory operations including sampling, testing & reporting. In-charge of SGS Nigeria's Environmental health & safety field operations including,EIA, water studies, hydrogeological/geotechnical survey projects for groundwater availability & yield etc. |
| Jerónimo Casas | Technical Reviewer | AWS certified auditor, with more than 19 years experience in pollution control, environmental impact assessment, ISO14001 audit and training. |

Table 2-1:SGS Audit Team

During the conformity assessment, the audit team spent 0,5 day on the stakeholder consultation meeting, and 1,5 day on the inspection of site’s installations and activities in its bottling plant, together with personnel interviews and document reviews on site and remotely.

Site provided most of the requested supporting documentation as evidence whilst on site. SGS provided initial feedback on the gaps between site's current management and the level required by the standard during the closing meeting of the conformity assessment on December 10th, 2021.

3 STAKEHOLDER ANNOUNCEMENT AND CONSULTATION

Following the AWS Certification Requirements, before the on-site conformity assessment, site's prepared a stakeholder announcement, which stated intention to pursue AWS certification.

Besides submitting to AWS for publication on the AWS website, the stakeholder announcement was also posted on site's website:

<https://www.nestle-cwa.com/en/investors/nigeria>



Figure 1: Information Disclosure posted on site's webpage

During the conformity assessment, four stakeholders have participated to the consultation.

| Name | Description |
|---------------------|--|
| Chief Michael Agoro | Community leader |
| Mrs. Fadiro | Owner of a pharmacy store |
| Mrs. Showunmi | Director of Laboratory services Ogun State environmental protection Agency (OGEPA) |
| Mrs. Ayoade | Ogun state ministry of Environment (Regulator) (OGMOE). |

Table 3-1: Stakeholder meetings

Ahead of the on site audit, Nestlé AGBARA held several stakeholder meetings. Evidence of these meetings were showed during the assessment. Some of them are listed below:

| Name | Description |
|-----------------------|---|
| Chief Abayomi Tella | 26/09/2019- Plant Manager |
| Mrs. Juliet Agadiyo | 17/09/2019- The participant sells consumable commodity in her shop |
| Mr. Elijah Ainomo | 17/09/2019- The participant in the youth leader in the community |
| Mr. Aderemi Adesoji | 17/09/2019- The participant is a staff of the company responsible for distribution. |
| Mr. Attah Matthew | 17/09/2019- The participant is a responsible for haulag |
| Agbara Estate Limited | 24/09/2019- General Manager, Operations Manager and security. |
| Mrs Fadario | 17/09/2019- The participant owns and operate a pharmacy store |
| Babalola Tope | 17/09/2019- The participant owns and run a Hair Salom in the Community |
| Obed Chinedo | 18/09/2019- The participant managers the super market |
| Mrs Mercy Ogunbayo | 17/09/2019- The participant runs a small business in the community. Also fetches water from the water point at the fctory gate. |
| Baale Michael Agoro | 18/09/2019- The participant is the new head of the immediate host community |
| Mrs Olawunmi | 17/09/2019- The participant sells cold drinks including bottled water. She is also a primary school teacher. |
| Mr Alashe Macauley | 17/09/2019- The participant is the youth leader of Agbara community and works with a bank. |

Table 3-2: Stakeholder meetings

4 DESCRIPTION OF CATCHMENT

General scope

Agbara factory is located within the Agbara Industrial Estate, about 25 km west of Lagos. The Agbara Industrial Estate is developed to accommodate both industrial and residential development. The industrial zone covers 450 hectares while the residential zone covers 150 hectares. In addition to this, the Industrial estate has a commercial area with a shopping mall, hotels, restaurants and ancillary services. There is also a logistics section that comprises offices, trailer park and other support facilities. The Agbara Industrial Estate also boasts several green areas and strategic landscaping.

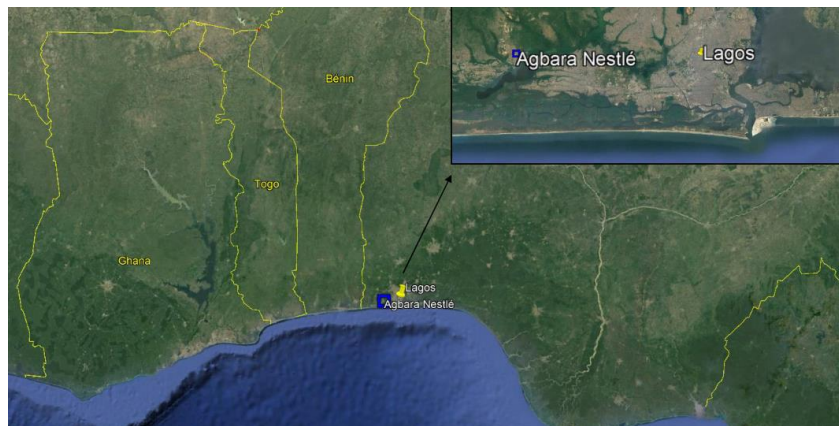


Figure 2: Location of the NESTLÉ AGBARA Factory

The Agbara watershed lies on the south-west side of the Dahomey basin (Nigerian name for Benin basin).

The Dahomey Basin is a combination of inland/coastal/offshore basin that stretches from southeastern Ghana through Togo and the Republic of Benin to southwestern Nigeria.

The Nigerian sector of the Benin (Dahomey) Basin is located in the southwestern Nigeria covering three different states: Lagos, Ogun and Ondo. It is separated from the Niger delta by the Okitipupa ridge.

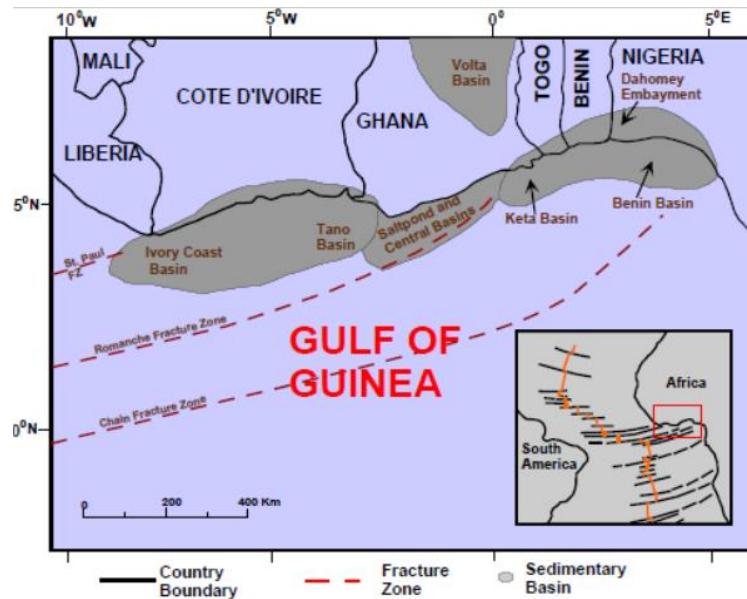


Figure 3: Territorial scope of Benin Basin

The study area lies within the coastal plain of the Dahomey Basin, Southwestern Nigeria, where the relief is generally low with an average elevation of about 150 m to 350 m above sea level. The Agbara watershed has a mean altitude of 26 m above mean sea level. Agbara is surrounded by Ologe lagoon which is the smallest lagoons in southwestern Nigeria with a surface area of 9.4 km². The major sources of water are the rivers Owo, Ore, and Oponu in Ogun State.

River Owo takes its source in a town called Toto Owo where the river Ore and Illo form a confluent with River Oponu. The lagoon is connected to the ocean through the Badagry lagoon and it receives effluents from the Agbara industrial estate via the Owo River.

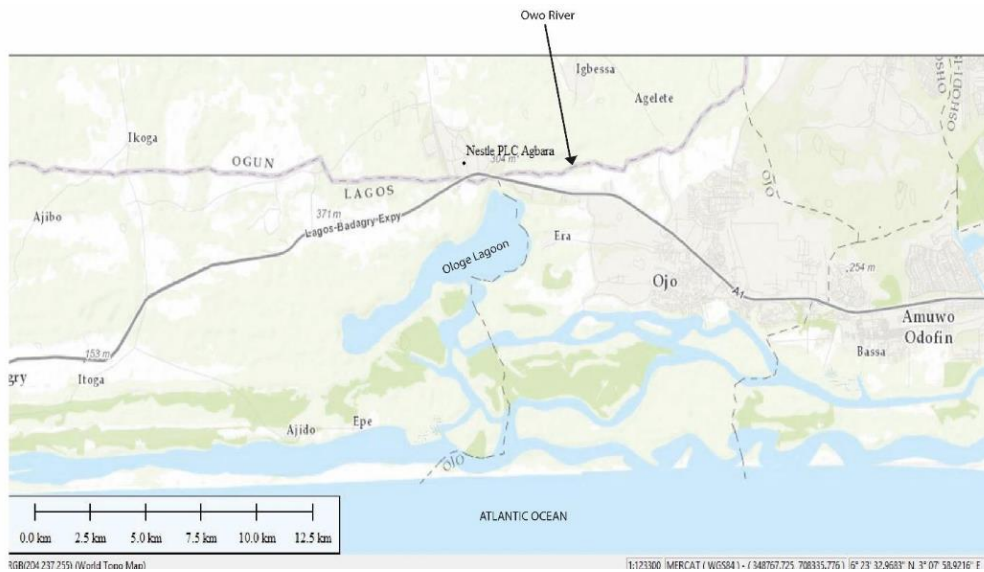


Figure 4: Surface water bodies in the basin of the Nestlé AGBARA

Groundwater in Agbara is the main source of water supplies. To abstract groundwater for domestic, agriculture and industrial drilling of boreholes is necessary. The sandy formations generally form the best aquifers.

AWS scope

Nestlé AGBARA is a manufacturing facility involved in the production, storage, and distribution of Beverages (Milo), Cereals (Infant cereals and Gold Morn), Culinary products (Maggi) and bottled water (Nestle Pure Life). The site manages its own industrial services which include Power plants for electricity, a Wastewater Treatment Plant and other utilities.



Figure 5: Extension of the Nestlé AGBARA Factory.

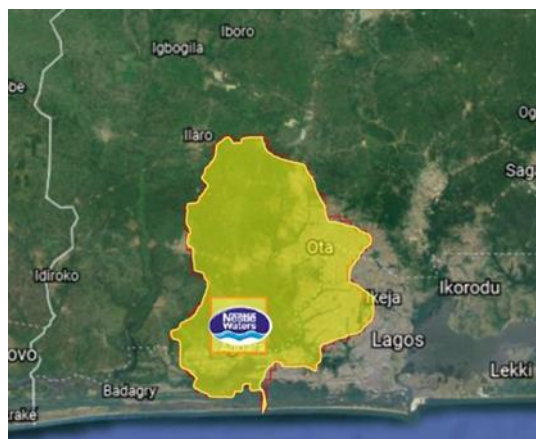


Figure 6: Agbara Catchment

Agbara watershed lies on the south west side of the Dahomey basin. The geology of the watershed is consistent with the regional geology of Benin basin, and is made up of Coastal Plain Sands (CPS) and recent sediments. The CPS consists of thick bodies of yellow and white sands and gravels. The formation is poorly sorted and has local shale interbeds, lenses of clays and sandy clay with lignite of Oligocene to Recent age. The layers are somewhat lenticular, with lenses of clays and sandy clay with lignite of Miocene to Recent age.

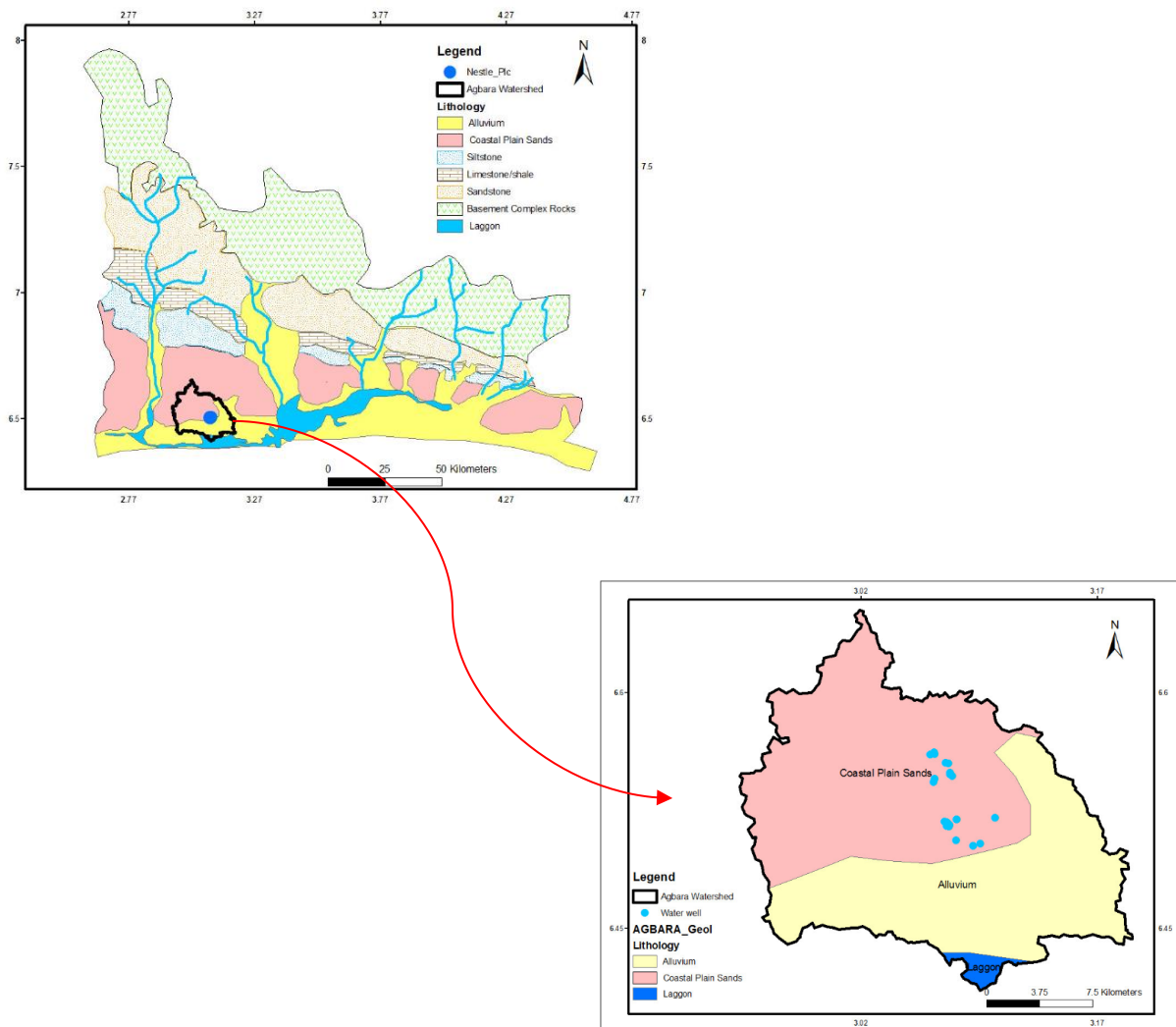


Figure 7: Geological map of Dahomey Basin

The hydrogeological context of the Dahomey/Benin basin is related to the general geology of the basin. The Coastal Plains Sands is the main aquifer system in Agbara watershed area. It forms a multi-aquifer system consisting of three aquifer horizons separated by silty or clayey layers.

The aquifer thickens from its outcrop area in the north of the city to the coast in the south. The sand percentage in the formation also changes from north to south. It is sometimes locally overlaid by the recent sand Alluvium aquifer, which has a relatively small extension and very vulnerable to contamination, due to its shallow depth. The CPS constitutes the main aquifer in Agbara, supplying both domestic and Industrial water needs located 7 km north of the site. The CPS aquifer is very productive with good yields and transmissivity.

The CPS aquifer system represents the main groundwater resources in the study area, and can be subdivided in three main units as follows:

- CPS1: unconfined aquifer with an average thickness of 15 to 20 m, mostly exploited by hand wells and shallow boreholes for domestic supply. This aquifer is composed of brown to light brown, medium to coarse sand. A clay layer is present at the bottom of this unit, confining the below CPS2 in the project area.
- CPS2: corresponding to the Intermediate confined aquifer is constituted with yellowish and white coarse sand with clay layer. This unit has an average thickness of 70 m, with a basal layer of clay of approximately 10 m separating it from the underlying CPS3. Some industries in Agbara are abstracting from this aquifer.
- CPS3: is the deepest confined aquifer of the CPS, with the same extension and thickness than the intermediate aquifer, from which it is separated by the clay layer mentioned above. It is constituted with sands, fine-coarse grained and gravels with relatively more important yield than CPS2. Nestlé Waters factory is abstracting from this aquifer as well as some other industries.

The CPS3 is underlaid by the Ilaro and Oshosun Formations, rich in clay and acting as an aquitard. In the area, there is also the Abeokuta Formation aquifers which are located at a depth of about 750 m deep. This aquifer is not tapped for either domestic or industrial purpose due to its depth.

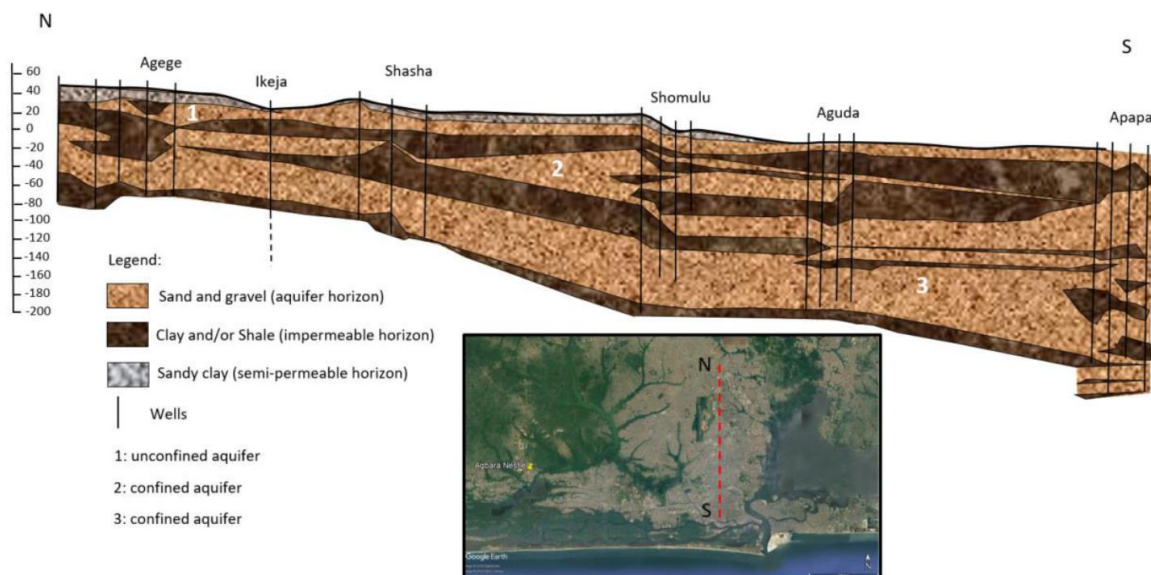


Figure 8: Hydrogeological profile in CPSs aquifer

The NESTLÉ AGBARA Factory is supplied by five production boreholes. Two of them are used for bottling purpose (PBL1 and PBL 2) and the other three are owned and used by Nestlé Food (BH4, BH8 and BH9).



| Borehole | Purpose | Depth(m) | Flow rate(m3/hr) |
|----------|-----------------|----------|------------------|
| PBL 1 | Bottling | 172 | 25 |
| PBL 2 | Bottling | 174 | 25 |
| BH4 | Food processing | NA | 71.4 |
| BH 8 | Food processing | 170.4 | 98 |
| BH 9 | Food processing | 169 | 89.3 |

Figure 9: Boreholes distribution in Nestlé AGBARA

The water balance is the difference of water volumes coming into the catchment area and the going out of the same area. The area considered for the water balance is the catchment area, that extends over 600 km² upgradient of NW site.

The estimation of the water input was based on the Thornthwaite method taking into consideration the average rainfall and temperature between 2007 and 2016.

Through this method, the efficient rainfall, rainfall that actually contributes to the groundwater recharge, could be calculated.

Groundwater abstraction is the water that leaves the watershed through human action (assuming it is only groundwater). The total groundwater abstraction in the Agbara estate from the deep CPS aquifer was estimated at 7,300 m³/day.

| Recharge area (601 km ²) | | |
|--|-----------------------|------------------------|
| Water Budget | Mm ³ /year | Mm ³ /month |
| Rainfall Recharge to aquifers | 207.5 | 17.29 |
| Groundwater abstractions from recharge area | 15.5 | 1.29 |
| Groundwater abstractions from Agbara estate (deep CPS aquifer) | 2.6 | 0.22 |
| <i>ΔS CHANGE IN STORAGE (GW outflow)</i> | 189.4 | 15.78 |

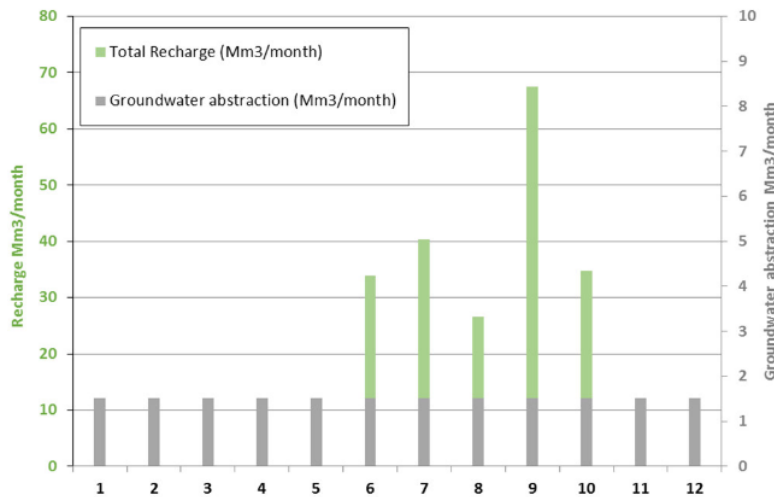


Figure 10: The distribution of recharge in Benin Basin

The yearly water balance is largely positive for the considered watershed. The groundwater abstraction from the local aquifer represents 8.7 % of the total recharge. During the months of November to April, there is theoretically no recharge and therefore the abstraction is sourcing its water from the groundwater storage, which is compensated later in the year with significant recharge.

The balance is largely positive and therefore other abstraction further north are not considered as a threat. Furthermore, the steady groundwater levels over the years confirm that the abstraction in the area is not depleting the groundwater resource. The groundwater abstraction in Nestlé Waters factory is about 560 m³/day which is equivalent to 0.204 Mm³/year. This amount represents 0.1 % of the groundwater recharge which is considered as very low. According to the study findings, there is largely enough rainfall recharge to the aquifer to satisfy the NESTLÉ AGBARA bottling activity.

5 SUMMARY OF SHARED WATER CHALLENGES

Nestlé AGBARA has developed a list of main shared water challenges of shared and ranked them according to their priority from 1, rather high, to 3, very low. Reasons for ranking was provided together with reasons why the challenges are to be considered priorities for both, stakeholders and the site.

Below a list of the identified shared water challenges:

- a) Potential water quantity issues in the future due to absence of public municipal supply, unregulated groundwater abstraction and rapid industrialization.
 - b) Potential water contamination due to poor wastewater management
 - c) Evolution of pressure on water resources due to increase in industrial and agricultural activities within the watershed
 - d) Lack of control of fertilizers and pesticides
 - e) Lack of access to drinking water
 - f) Hygiene and sanitation issues (awareness + facilities)
 - g) Protection of surface water bodies (e.g. Ologe Lagoon, River Owo) from pollution
- Upper catchment (recharge area) is not protected nor monitored

A more detailed presentation of shared water challenges identified by Nestlé AGBARA has been presented in Table 5.1 below. Information in the table below has been extracted from reference 1.6.1. Shared water challenges updated.

March 4, 2022

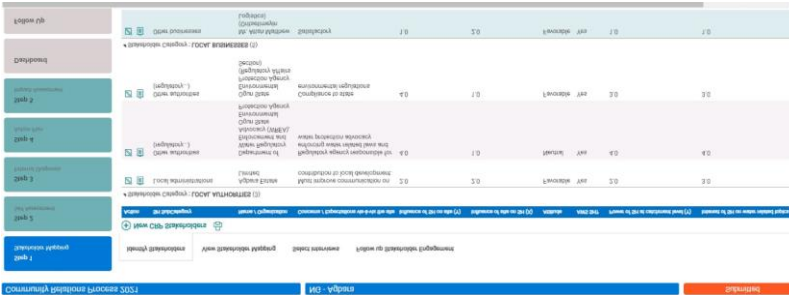
[ALLIANCE FOR WATER STEWARDSHIP ASSESSMENT REPORT]

| Topical | Administration/ Association | Relevance to Stakeholders/Social Impact | Relevance to the place | Priority | Initiative | Comment |
|---|---|---|--|----------|--|---|
| Potential water quantity issues in the future due to absence of public municipal supply, unregulated groundwater abstraction and rapid industrialization. | No known plan to supply municipal water to the communities and no continuity in government policies | Concerns about industrial and population growth in the community | Business continuity and impact on the sustainability of the local water resource | P1 | Identify more opportunities within the watershed to collaborate on water regeneration projects. | Long term issue requiring to start taking action now |
| Potential water contamination due to poor wastewater management | No wastewater management facilities and wastewater regulations only enforced with big industries | Concerns about inaccessibility of the community road | Crucial for business continuity | P1 | Create awareness around the factory and on a broader level (catchment, government) on sustainable water resources management | Water quality issue is critical for the site operations specifically for the Water plant. |
| Evolution of pressure on water resources due to increase in industrial and agricultural activities within the watershed | No program to handle this at authorities level. | Few stakeholders concerned about the long term impact of the rapid development in the community | Crucial for business continuity | P1 | Create awareness with major water users within the watershed and explore opportunities for collective action | Water quality issue is critical for the site operations specifically for the Water plant. |
| Lack of control of fertilizers and pesticides etc | No known program on farmers education | Lack of knowledge on the environmental impact of fertilizers, pesticides etc. | Potential of infiltration into groundwater | P3 | Work with CCPA on farmers support on regenerative agriculture. | Every water quality issue is critical for a bottling water industry. |
| Lack of access to drinking water | No known plan to extend municipal water supply | Right to safe and clean drinking water | Nestle cares about human right to water | P2 | Sustain current water supply in the community | Reputational and operational as Nestle own a water bottling plant |
| Hygiene and sanitation issues (awareness + facilities) | Campaign on media on hygiene and sanitation but not effective as | Lack of awareness | Nestle cares about hygiene and sanitation | P2 | Explore more opportunities to support schools within the host | Reputational and operational concerns |

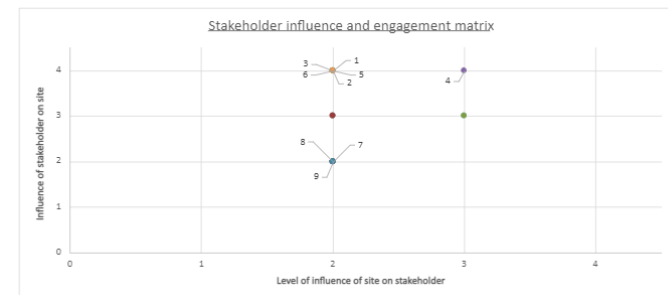
| Topical | Administration/ Association | Relevance to Stakeholders/Social Impact | Relevance to the place | Priority | Initiative | Comment |
|--|---|--|---|----------|---|--|
| | government agencies are more revenue oriented. | | | | community with hygiene and sanitation facilities. | |
| Protection of surface water bodies (e.g. Ologe Lagoon, River Owo) from pollution | Although a state department for Water Regulatory Enforcement and Advocacy, there is no known program to protect surface water | Concerns with some influencers | Site would be impacted in case of quality issue | P1 | Explore opportunities to collaborate with other industries and the state agency on protection of the local water resources. | Surface waters play important role in the aquifer recharge |
| Upper catchment (recharge area) is not protected nor monitored | No program to handle this at authorities level. | Lack of awareness | Site would be impacted in case of quality issue | P1 | Gather more data on the upper catchment recharge area in the next groundwater assessment | Consequences for operations |

Table 5-1: Detailed Shared Water Challenges for NESTLÉ AGBARA

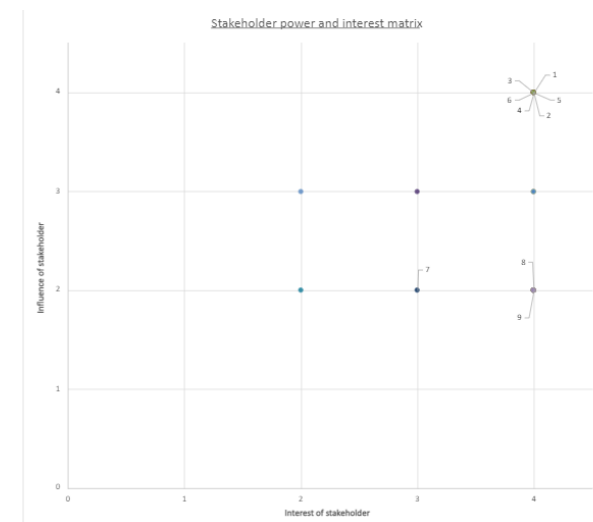
| Clause | Details | Yes | No | Comments/Evidence |
|-----------------|---|-------------------------------------|--------------------------|--|
| 1 | GATHER AND UNDERSTAND | | | |
| 1.1 | <i>Gather information to define the site's physical scope for water stewardship purposes, including: its operational 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.</i> | | | |
| 1.1.1 (core) | <p>The physical scope of the site shall be mapped, considering the regulatory landscape and zone of stakeholder interests, including:</p> <ul style="list-style-type: none"> - 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <ul style="list-style-type: none"> - The physical scope is describe in "Site Boundaries.docx". - There is another document published by <i>anteaGroup</i> "Agbara Water Resources Study" which describes the catchment and impacts on it induced by the human activity. - In the document "Wastewater pipping network.pdf" and "Water related infrastructure P&ID.pdf" the water related infrastructure is described. - In the document "Agbara factory boreholes.pdf" has been mapped all the boreholes managed by NESTLÉ AGBARA. - NESTLÉ AGBARA does not have any water service provider, it uses water from their facility boreholes. - NESTLÉ AGBARA has a discharge point and and a wastewater treatment plant, it is identified in " Factory WWTP discharge point to Agbara Estate WWTP.png" and "Discharge points, wasterwater provider and ultimate receiving water body.docx" - The catchment that the site affect is identified in "Agbara watershed.docx" |
| | | | | |

| 1.2 | Understand relevant stakeholders, their waterrelated challenges, and the site's ability to influence beyond its boundaries. | | | | | | | | | | | | | | | | | | |
|-----------------------|--|---|--------------------------|---|-------|---------------------------------------|--|-----------------------|--|---|-------------------|---|--|---------------------|--|---|------------------|-----------------------------------|--|
| 1.2.1 (core) | <p>Stakeholders and their water-related challenges shall be identified. The process used for stakeholder identification shall be identified.</p> <p>This process shall:</p> <ul style="list-style-type: none">- 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>NESTLÉ AGBARA has developed a tool named "Community Relations Progress" CRP.</p> <p>This tool:</p> <ol style="list-style-type: none">1. Identify Stakeholders2. Assess the stakeholders and map them it 4 zones.3. Identify the way to engagement each one of them base on their level of interest and influence.  <p>The stakeholders are calcsificated according to the influence on reputation or operations by score that goes from 1 to 4 as is shown in the table below:</p> <table><thead><tr><th>Scale</th><th>Influence on Reputation or Operations</th><th>Concerns & Expectations regarding operations</th></tr></thead><tbody><tr><td>Critical Score = 4</td><td>The stakeholder can directly block operations or jeopardize the sustainability of operations</td><td>The stakeholder is impacted by NW's activities and recurrently expresses interest, concerns or expectations</td></tr><tr><td>High Score = 3</td><td>The stakeholder has the ability to influence positively or negatively critical stakeholders & local community, or to disturb daily operations</td><td>The stakeholder is impacted by NW's activities but does not express interest, concerns or expectations</td></tr><tr><td>Medium Score = 2</td><td>The stakeholder has a low influence but could play a strategic role for NW</td><td>The stakeholder demonstrates interest in NW's activities, even though factory activities have limited impact on the stakeholder</td></tr><tr><td>Low Score = 1</td><td>The stakeholder has low influence</td><td>The stakeholder's level of interest is low because he is not affected by NW's activities</td></tr></tbody></table> | Scale | Influence on Reputation or Operations | Concerns & Expectations regarding operations | Critical Score = 4 | The stakeholder can directly block operations or jeopardize the sustainability of operations | The stakeholder is impacted by NW's activities and recurrently expresses interest, concerns or expectations | High Score = 3 | The stakeholder has the ability to influence positively or negatively critical stakeholders & local community, or to disturb daily operations | The stakeholder is impacted by NW's activities but does not express interest, concerns or expectations | Medium Score = 2 | The stakeholder has a low influence but could play a strategic role for NW | The stakeholder demonstrates interest in NW's activities, even though factory activities have limited impact on the stakeholder | Low Score = 1 | The stakeholder has low influence | The stakeholder's level of interest is low because he is not affected by NW's activities |
| Scale | Influence on Reputation or Operations | Concerns & Expectations regarding operations | | | | | | | | | | | | | | | | | |
| Critical Score = 4 | The stakeholder can directly block operations or jeopardize the sustainability of operations | The stakeholder is impacted by NW's activities and recurrently expresses interest, concerns or expectations | | | | | | | | | | | | | | | | | |
| High Score = 3 | The stakeholder has the ability to influence positively or negatively critical stakeholders & local community, or to disturb daily operations | The stakeholder is impacted by NW's activities but does not express interest, concerns or expectations | | | | | | | | | | | | | | | | | |
| Medium Score = 2 | The stakeholder has a low influence but could play a strategic role for NW | The stakeholder demonstrates interest in NW's activities, even though factory activities have limited impact on the stakeholder | | | | | | | | | | | | | | | | | |
| Low Score = 1 | The stakeholder has low influence | The stakeholder's level of interest is low because he is not affected by NW's activities | | | | | | | | | | | | | | | | | |

| | | | | |
|--------------|---|-------------------------------------|--------------------------|--|
| | | | | <p>NESTLÉ AGBARA has identified 9 key stakeholders:</p> <ol style="list-style-type: none"> 1. Agbara Estate Limited 2. Logistics company 3. Three Small business owner 4. Politician/Chief 5. Baale of Korogboji 6. Topsy Hair Saloon 7. Money transfer and clothing store <p>NESTLÉ AGBARA has developed a population consultation three years ago, on 2019 they did the last meeting.</p> <p>NESTLÉ AGBARA, has performed two mains activities related to stakeholder engagement:</p> <ol style="list-style-type: none"> 1. Access to clean water by provision of more fetching point in the community 2. Concerns about availability and quality of water in the area. |
| 1.2.2 (core) | 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>NESTLÉ AGBARA has identified and assess the influence between the site and the stakeholder within the catchment and has considered the sites' ultimate water source and ultimate receiving water body for wastewater.</p> <p>It's described in the stakeholder mapping. See picture below:</p> <ul style="list-style-type: none"> - According to the stakeholder influence and engagement |



- According to the stakeholder power and interest



The Scale through the stakeholders have been mapping are:

| Scale | Power of SH at catchment | Interest of SH in water topics |
|-------------|--|---|
| 1: Low | The stakeholder has very low influence | The stakeholder's level of interest in water related topics is low |
| 2: Medium | The stakeholder has low influence but could play strategic role within the catchment | The stakeholder shows some level of interest in water related topics |
| 3: High | The stakeholder has the ability to influence positively critical stakeholders or local community | The stakeholder shows high level of interest in water topics |
| 4: Critical | The stakeholder could directly influence others and play strategic role within the catchment | The stakeholder shows interest on water topics and expresses concerns about potential impact on water |

| | | | | |
|--------------|---|-------------------------------------|--------------------------|--|
| 1.3 | <i>Gather water-related data for the site, including: water balance; water quality, Important Water-Related Areas, water governance, WASH; water-related costs, revenues, and shared value creation.</i> | | | |
| 1.3.1 (core) | Existing water-related incident response plans shall be identified. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>NESTLÉ AGBARA has four procedures about incident response plans:</p> <ol style="list-style-type: none"> 1. Access control deep wells 2. Spill prevention, control and countermeasure plan 3. Security in water resources operations 4. Contingency plan in case of factory water outage <p>Until this date, NESTLÉ AGBARA has not had any incident.</p> |

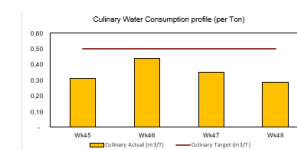
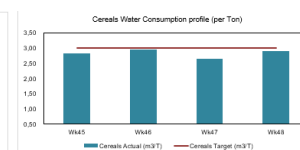
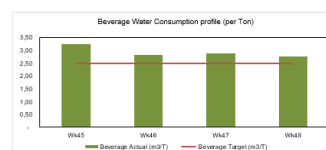
1.3.2
(core)

Site water balance, including inflows, losses, storage, and outflows shall be identified and mapped.



NESTLÉ AGBARA has realized a site water balance, the losses, storage and outflows has been mapped in "WATER MAP-WATERS PLANT. xlsx".

On the other hand, NESTLÉ AGBARA makes a weekly control in the different plants that the site has as culinary plant, milling plant or malt plant. This control is explained in "2021 Weekly Plant Energy Water.xlsx".

1.3.3
(core)

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.



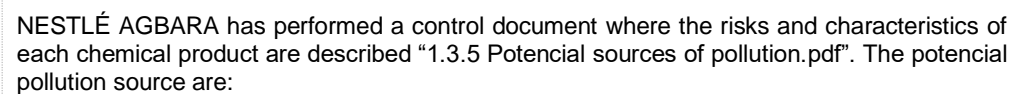
NESTLÉ AGBARA has realized a site water balance which is done yearly.

It is described in "Water Usage trend.docx". Also, in "Agbara Water Resources Study Final Report 2018.pdf" is described the site water balance.

NESTLÉ AGBARA checks ratio m³ outflow / m³ inflow in order to study the aquifer sustainability.

| Well/Industry name | Abstraction rate in m ³ /day | Water user description |
|---|---|------------------------|
| PBL 1 | 320 | Nestlé Waters |
| PBL 2 | 240 | Nestlé Waters |
| BH 4 | 194 | Nestlé Food |
| BH 8 | 650 | Nestlé Food |
| BH 9 | 331 | Nestlé Food |
| Ijaninkin | 1,416 | Medium water user |
| Glaxo Smithkline | 710 | Medium water user |
| Unilever, Beta Glass, Maltex, Vitamalt | 2,582 | High water user |
| Reckitt Benckiser, PharmaDeko | 859 | Medium water user |
| Total from the deep CPS aquifer in Agbara estate | 7,304 m³/d | |

| | | | | |
|-----------------|--|-------------------------------------|--------------------------|--|
| | | | | <p>The 2021 water consumption targets for Food and Waters Plant were 3.13m³/t and 1.30m³/t respectively.</p> <p>These studies have been done in order to check the seasonality consumption. A dry season from November to April and a wet season between March and October.</p> |
| 1.3.4 (core) | 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>NESTLÉ AGBARA realize analysis periodically, these analysis show the mineralization over the years is preserved. Raw water quality is monitored as per defined frequency and samples are sent to NQAC Vittel for analysis (external laboratory).</p> <p>A yearly results os the analysis are shown in “Raw Water Quality Monitoring.pdf” and “Water Quality of Nestle Agbara factory.pdf”.</p> <p>There is a difference in quality chemical, physical and microbiological requirements between Water plant and Food plant shown in “Deep Well 1 and 2 Quality Monitoring.xls” and “raw water quality monitoring Food boreholes.xlsm.”</p> |
| 1.3.5 (core) | Potential sources of pollution shall be identified and if applicable, mapped, including chemicals used or stored on site. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>Inside NESTLÉ AGBARA factory, there are differents potential points of pollution (chemical storages), these points are identified in “01-Factory Masterplan (Site Chemical Storage Area) 2021.pdf”.</p> |




- Chemicals
- Diesel
- Palmolein
- Petrol
- Waste

Also, NESTLE AGBARA has a list with 56 chemical products that are in the factory, their location and the volume stock. It is described in “ List of Chemicals.xls”.

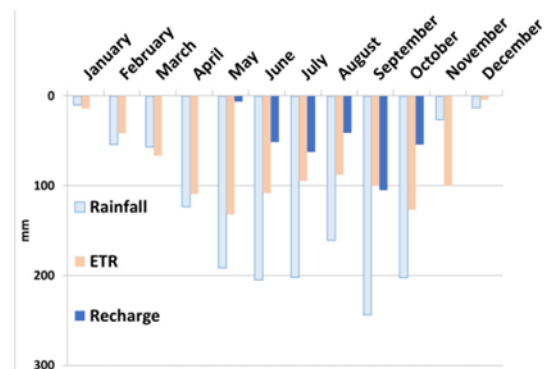
| CHEMICALS | | | |
|----------------------|-----------|--|------------------------|
| FOOD GRADE CHEMICALS | | | |
| S/N | Material | Material Description | MSDS STATUS / LOCATION |
| 1 | 164683534 | Soda Caustic Flake Food Grade | YES/TECH. STORE |
| 2 | 164683525 | Hydrogen Peroxide Solway IntercoAG Spray | YES/TECH. STORE |
| 3 | 164683480 | Chemical Disonan Hypochlorite VT3 | YES/TECH. STORE |
| 4 | 164682709 | Nalco STA-BRHX ST40 25kg Keg | YES/TECH. STORE |
| 5 | 164682770 | Nalco WT 77352 | YES/TECH. STORE |
| 6 | 164682773 | Nalco HDT 222 | YES/TECH. STORE |
| 7 | 164682777 | Nalco 19 Poly | YES/TECH. STORE |
| 9 | 164682774 | NALCO BT-53 | YES/TECH. STORE |
| 10 | 164682865 | Nalco WT-1002 (Trac 102) | YES/TECH. STORE |
| 11 | 164683215 | Biodispersant Nalco WT 393 | YES/TECH. STORE |
| 17 | 164683630 | Solun AP26 SUJZ | YES/TECH. STORE |
| 25 | 164682777 | Nalco 19 Poly | YES/TECH. STORE |
| 26 | 164682770 | Nalco WT 77352 | YES/TECH. STORE |
| 27 | 164682709 | Nalco STA-BRHX ST40 1X25kg | YES/TECH. STORE |

| | | | | |
|-----------------|--|-------------------------------------|--------------------------|---|
| | | | | Also, NESTLÉ AGBARA has provided several facilities in the factory, described in “List os WASH Facilities onsite.docx” as toilets, showers, handwashings or portable water dispensers. |
| 1.4 | <i>Gather data on the site’s indirect water use, including: its primary inputs; the water use embedded in the production of those primary inputs the status of the waters at the origin of the inputs (where they can be identified); and water used in out-sourced water-related services.</i> | | | |
| 1.4.1 (core) | The embedded water use of primary inputs, including quantity, quality and level of water risk within the site’s catchment, shall be identified. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>NESTLÉ AGBARA has used a tool called GEF in order to calculate the water used in the production of preforms by the water plant. This category in the tool is expressed in liter/liter packed. It is described in “ PET water footprint Nestle Agbara.pdf”.</p> <p>Seawater is excluded since there is no shortage and no activity or use will be affected or prevented due to seawater withdrawal.</p> |
| 1.4.2 (core) | The embedded water use of outsourced services shall be identified, and where those services originate within the site’s catchment, quantified. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | There are 2 outsourced services - Canteen and Laundry onsite and this is provided for the factory’s water consumption and usage metered. |

| | | | | |
|--------------------|---|-------------------------------------|--------------------------|--|
| | | | |  <p>The water consumption by outsourced services is quantified for each services, canteen and laundry in "Outsourced Services.docxs".</p> |
| 1.4.3 (advance) | The embedded water use of primary inputs in catchment(s) of origin shall be quantified. | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply. |
| 1.5 | <i>Gather water-related data for the catchment, including: water governance, water balance, water quality, Important Water-Related Areas, infrastructure, and WASH</i> | | | |
| 1.5.1. (core) | 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>NESTLÉ AGBARA has developed or has taken part in different initiatives in order to improve and inform about a better water management "Water Governance In Agbara Catchment.pptx". Some of then are the following ones;</p> <ul style="list-style-type: none"> Nestle Nigeria Plc donated toilet block, a borehole and a generating set to Salvation Army Primary School 2, Edu, Agbara (April 2021). World Water Day celebration with school children from Agbara catchment in 2019. Sustainability and Waste management training for school children in Agbara. A collaboration between Nestle Nigeria Plc and International Climate Change Development Initiative (ICCDI) Emergency Response Support in Agbara community |

| | | | | <ul style="list-style-type: none">• Agbara Market Clean Up by Nestle Agbara Factory Staff• Drinking water access point provided to the employees and community population at the factory's entrance gates. It supplies drinking water all through the year.• Construction of easement drain and rehabilitation of Korogboji Access Road• Engagement with Key Government Agencies• Nestle Agbara factory donated drums of Isopropanol (disinfectant) to a Tertiary Institution within Agbara catchment <p>1 OBS It would be interesting to establish a general ratio of water consumption per worker to avoid biases in annual consumption (for example during the shutdowns).</p> | | | | | | | | | | | | | | | | |
|------------------|---|-------------------------------------|--------------------------|---|-----|------|----|--|----|---|----|---|----|---|----|--|----|--|----|--|
| 1.5.2. (core) | Applicable water-related legal and regulatory requirements shall be quantified, including legally-defined and / or stakeholder verified customary water rights. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>NESTLÉ AGBARA has a list with the water-related legal and regulatory requirements that apply to the NESTLÉ AGBARA factory's operations. "Water-related legal and Regulatory Requirements.pdf".</p> <table><tr><th>S/N</th><th>Laws</th></tr><tr><td>1.</td><td>Water Resources Act (CAP. W2 LFN 2004) Water Use and Licence Regulations 2016</td></tr><tr><td>2.</td><td>National Environmental (Surface and Groundwater Quality Control) Regulations 2011</td></tr><tr><td>3.</td><td>National Environmental (Surface and Groundwater Quality Control) Regulations 2011</td></tr><tr><td>4.</td><td>Nigerian Standard for Drinking Water Quality (NSDWQ) 2015</td></tr><tr><td>5.</td><td>NAFDAC Act (Guidelines for Establishment of Packaged Water Plant in Nigeria) Cap F33 LFN 2004</td></tr><tr><td>6.</td><td>Ogun State Environmental Management (Miscellaneous) Provisions Law, 2004</td></tr><tr><td>7.</td><td>Ogun State Water Supply (Groundwater Quality Control Regulations) 2017</td></tr></table> | S/N | Laws | 1. | Water Resources Act (CAP. W2 LFN 2004) Water Use and Licence Regulations 2016 | 2. | National Environmental (Surface and Groundwater Quality Control) Regulations 2011 | 3. | National Environmental (Surface and Groundwater Quality Control) Regulations 2011 | 4. | Nigerian Standard for Drinking Water Quality (NSDWQ) 2015 | 5. | NAFDAC Act (Guidelines for Establishment of Packaged Water Plant in Nigeria) Cap F33 LFN 2004 | 6. | Ogun State Environmental Management (Miscellaneous) Provisions Law, 2004 | 7. | Ogun State Water Supply (Groundwater Quality Control Regulations) 2017 |
| S/N | Laws | | | | | | | | | | | | | | | | | | | |
| 1. | Water Resources Act (CAP. W2 LFN 2004) Water Use and Licence Regulations 2016 | | | | | | | | | | | | | | | | | | | |
| 2. | National Environmental (Surface and Groundwater Quality Control) Regulations 2011 | | | | | | | | | | | | | | | | | | | |
| 3. | National Environmental (Surface and Groundwater Quality Control) Regulations 2011 | | | | | | | | | | | | | | | | | | | |
| 4. | Nigerian Standard for Drinking Water Quality (NSDWQ) 2015 | | | | | | | | | | | | | | | | | | | |
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| 6. | Ogun State Environmental Management (Miscellaneous) Provisions Law, 2004 | | | | | | | | | | | | | | | | | | | |
| 7. | Ogun State Water Supply (Groundwater Quality Control Regulations) 2017 | | | | | | | | | | | | | | | | | | | |
| 1.5.3. (core) | The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>The catchment water balance is explained in "Agbara watershed.docx" where it is taken into account:</p> <ul style="list-style-type: none">- Recharge through rainfall- Surface water | | | | | | | | | | | | | | | | |

- Groundwater abstraction



In that sense, it is explained how the seasonal variability took part developing a yearly water balance.

On the other hand, in the catchment there is an important variability in water withdrawal as the follow picture shown:


| Zone | Plant | 2016 WUR | Withdrawal 2016 | Notional cost K CHF | TARGET 2017 | CWSI 2013 | CWSI 2014 | CWSI 2015 | CWSI 2016 | Target WUR vs CWSI (OMP) |
|------|------------------------------|-------------|--------------------|----------------------|----------------|--------------|--------------|--------------|--------------|--------------------------------|
| AOA | AE PL NW Dubai 2 Technopark | 1,21 | 181 961 | 727 843 | | 3,8 | 4,1 | 4,1 | 4,0 | 1,35 |
| AOA | BH PL NW Manama | 1,70 | 199 828 | 819 295 | | 4,2 | 4,2 | 4,2 | 4,1 | 1,35 |
| AOA | CN PL DASHAN Kunming | 1,18 | 810 680 | 1 378 156 | | 1,9 | 1,9 | 1,9 | 1,7 | 2 |
| AOA | CN PL NW NSSL Shanghai | 1,53 | 476 088 | 1 904 353 | | 4,1 | 3,9 | 3,9 | 4,0 | 1,35 |
| AOA | CN PL NW NSTL Tianjin | 1,42 | 290 515 | 1 249 215 | | 4,5 | 4,2 | 4,3 | 4,3 | 1,35 |
| AOA | CN PL NW Songjiang | 1,53 | 137 111 | 548 444 | | 4,1 | 3,9 | 3,9 | 4,0 | 1,35 |
| AOA | DZ PL NW Blida | 1,35 | 323 598 | 1 391 471 | | 4,2 | 4,3 | 4,3 | 4,3 | 1,35 |
| AOA | EG PL NW Benha | 1,72 | 1 466 811 | 4 840 476 | | 3,7 | 3,9 | 3,9 | 3,3 | 1,5 |
| AOA | Reni | 3,55 | 43 600 | 165 680 | | | | | 3,8 | 1,5 |
| AOA | IR PL NW Anahita Polour | 1,17 | 123 053 | 479 907 | | 4,1 | 4,1 | 4,1 | 3,9 | 1,5 |
| AOA | JO PL NW El Husseinia | 1,91 | 229 452 | 917 808 | | 4,4 | 4,2 | 4,2 | 4,0 | 1,35 |
| AOA | KR PL NW Edong Factory | 1,10 | 379 489 | 683 081 | | 2,1 | 2,1 | 2,1 | 1,8 | 2 |
| AOA | LB PL NW Ain Zhalta | 1,36 | 265 506 | 1 115 125 | | 4,1 | 4,2 | 4,2 | 4,2 | 1,35 |
| AOA | LB PL NW Falougha | 1,47 | 141 150 | 592 830 | | 4,1 | 4,1 | 4,1 | 4,2 | 1,35 |
| AOA | Abaji | 9,98 | 101 237 | 161 979 | | | | | 1,6 | 2 |
| AOA | NG PL NW Agbara | 2,48 | 155 533 | 248 853 | | 2,1 | 1,9 | 1,9 | 1,6 | 2 |
| AOA | PK PL Islamabad Factory | 1,67 | 132 026 | 448 888 | | 3,7 | 3,9 | 3,9 | 3,4 | 1,5 |
| AOA | PK PL NW H&O South 1 Karachi | 1,87 | 377 864 | 1 587 029 | | 3,9 | 4,0 | 4,0 | 4,2 | 1,35 |
| AOA | Sheikhupura | 1,52 | 414 035 | 1 904 561 | | | | | 4,6 | 1,35 |
| AOA | QA PL NW Doha | 1,34 | 284 238 | 1 136 952 | | 4,1 | 4,2 | 4,2 | 4,0 | 1,35 |
| AOA | SA PL NW Dammam | 1,54 | 747 779 | 2 766 782 | | 4,2 | 4,1 | 4,1 | 3,7 | 1,5 |
| AOA | SA PL NW Jeddah | 1,34 | 246 928 | 987 712 | | 4,6 | 4,6 | 4,6 | 4,0 | 1,35 |
| AOA | SA PL NW Madinah | 1,35 | 324 677 | 1 331 176 | | 4,6 | 4,5 | 4,5 | 4,1 | 1,35 |
| AOA | SA PL NW Riyadh | 1,27 | 1 590 936 | 6 681 931 | | 4,2 | 4,2 | 4,5 | 4,2 | 1,35 |
| AOA | Al Kharj | 1,09 | 337 306 | 1 416 685 | | | | | 4,2 | 1,35 |
| AOA | Nafil | 1,22 | 2 510 885 | 10 796 806 | | | | | 4,3 | 1,35 |
| AOA | Senaeya | 1,20 | 4 134 289 | 17 364 014 | | | | | 4,2 | 1,35 |
| AOA | TH PL NW Ayuthaya | 1,30 | 1 067 116 | 3 628 194 | | 3,6 | 3,6 | 3,6 | 3,4 | 1,5 |
| AOA | Surat | | | no report into SHEPM | | | | | 1,5 | 2 |
| AOA | TR PL NW Uludag | 1,26 | 2 611 996 | 6 268 791 | | 2,3 | 2,4 | 2,8 | 2,4 | 2 |
| AOA | UZ PL NW Namangan | 1,77 | 119 333 | 441 534 | | 4,1 | 4,2 | 4,2 | 3,7 | 1,5 |
| AOA | UZ PL NW Tashkent | 1,99 | 96 741 | 396 639 | | 4,1 | 4,1 | 4,1 | 4,1 | 1,35 |
| AOA | VN PL Long An NW | 1,43 | 406 839 | 1 098 465 | | 3,5 | 2,2 | 2,2 | 2,7 | 2 |
| AOA | VN PL NW Hung Yen | 1,56 | 350 991 | 1 017 875 | | 2,1 | 3,5 | 3,5 | 2,9 | 2 |

The data summary of this water balance is:

| Recharge area (601 km ²) | | |
|---|-----------------------|------------------------|
| Water Budget | Mm ³ /year | Mm ³ /month |
| <i>Rainfall Recharge to aquifers</i> | 207.5 | 17.29 |
| Groundwater abstractions from recharge area | 15.5 | 1.29 |
| Groundwater abstractions from Agbara estate (deep CPS aquifer) | 2.6 | 0.22 |
| <i>ΔS CHANGE IN STORAGE</i> (GW outflow) | 189.4 | 15.78 |

2OBS Efforts are recommended to update the Cathment data related to the water balance

| 1.5.4. (core) | 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>NESTLÉ AGBARA analyzes chemical parameter about all the wells yearly.</p> <p>Apart from physio-chemical analysis of raw water from the boreholes, biological status is also being monitored. Analysis include E. coli, Pseudomonas Aeruginosa etc.</p> <p>Results are within norms except for HPC. These norms are in comparism to drinking water standard. These analyses show a good quality.</p> <table border="1"> <thead> <tr> <th colspan="5">NESTLE</th></tr> <tr> <th>Boreholes/Wells</th><th>pH</th><th>T (°C)</th><th>C (µs/cm)</th><th>TDS (mg/l)</th></tr> </thead> <tbody> <tr> <td>PBL 1</td><td>5.49</td><td>25.7</td><td>62.7</td><td>34.48</td></tr> <tr> <td>PBL 2</td><td>5.49</td><td>25.6</td><td>45.4</td><td>24.97</td></tr> <tr> <td>BH 4</td><td>5.18</td><td>28.9</td><td>43.5</td><td>23.925</td></tr> <tr> <td>BH 8</td><td>5.48</td><td>29.7</td><td>48.3</td><td>26.565</td></tr> <tr> <td>BH 9</td><td>5.46</td><td>27.8</td><td>47.6</td><td>26.18</td></tr> </tbody> </table> <p>Wastewater treatment in Nigeria is not given the necessary priority it deserves and therefore, industrial wastewaters are discharged into receiving water bodies without or with little treatment.</p> <p>The effluents and organic wastes from Agbara industrial and residential estates are discharged all year round into Ologe lagoon. It is possible that these effluents leach through the highly porous and permeable formation and contaminate the shallow water table.</p> | NESTLE | | | | | Boreholes/Wells | pH | T (°C) | C (µs/cm) | TDS (mg/l) | PBL 1 | 5.49 | 25.7 | 62.7 | 34.48 | PBL 2 | 5.49 | 25.6 | 45.4 | 24.97 | BH 4 | 5.18 | 28.9 | 43.5 | 23.925 | BH 8 | 5.48 | 29.7 | 48.3 | 26.565 | BH 9 | 5.46 | 27.8 | 47.6 | 26.18 |
|------------------|---|-------------------------------------|--------------------------|--|--------|--|--|--|--|-----------------|----|--------|-----------|------------|-------|------|------|------|-------|-------|------|------|------|-------|------|------|------|------|--------|------|------|------|------|--------|------|------|------|------|-------|
| NESTLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Boreholes/Wells | pH | T (°C) | C (µs/cm) | TDS (mg/l) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PBL 1 | 5.49 | 25.7 | 62.7 | 34.48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PBL 2 | 5.49 | 25.6 | 45.4 | 24.97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BH 4 | 5.18 | 28.9 | 43.5 | 23.925 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BH 8 | 5.48 | 29.7 | 48.3 | 26.565 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BH 9 | 5.46 | 27.8 | 47.6 | 26.18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.5.5 (core) | 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>NESTLÉ AGBARA has one IWRA identified in the Agbara catchment, Ologe Lagoon described in "IWRA-Ologe Lagoon.png" and "Important Water Related Areas- Agbara Catchment.docx".</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| | | | | |
|---------------|--|-------------------------------------|--------------------------|--|
| | | | |  |
| 1.5.6. (core) | Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>NESTLÉ AGBARA describes this point in “Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events within Agbara catchment.docx” where WWTP and piping network are the only two infrastructures identified in the catchment.</p> <p>Also, there is a plan about water-related infrastructure “ Existing and planned water related infrastructure.docx” in the site.</p>  <p>NESTLÉ AGBARA has a technical guidelines in order to explain the procedure for exploiting water resource in a new water well.</p> |




| | | | | |
|---------------------|---|-------------------------------------|--------------------------|--|
| 1.5.7. (core) | The adequacy of available WASH services within the catchment shall be identified. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>NESTLÉ AGBARA has made several points of drinking water supply and hygiene and sanitation facility in the primary school and in the factory in order to guarantee the WASH in the area.</p> <div data-bbox="1176 453 1568 762" data-label="Image"> </div> <div data-bbox="1624 446 1971 762" data-label="Image"> </div> <div data-bbox="1400 794 1747 1021" data-label="Image"> </div> <p>NESTLÉ AGBARA plans to install three points for WASH in the future.</p> |
| 1.5.8. (advance) | Efforts by the site to support and undertake catchment level water-related data collection shall be identified. | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply. |
| 1.5.9. (advance) | The adequacy of WASH provision within the catchments of origin of primary inputs shall be identified. | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply. |

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| 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 (core) | Shared water challenges shall be identified and prioritized from the information gathered. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>Document "Shared water challenges and initiatives to address.xlsx" identifies and prioritizes the water challenges from the information gathered. The water challenges identified are (They are prioritized from 1 to 3.):</p> <ol style="list-style-type: none"> 1. Potential water quantity issues in the future due to absence of public municipal supply, unregulated groundwater abstraction and rapid industrialization. (1) 2. Potential water contamination due to poor wastewater management (1) 3. Evolution of pressure on water resources due to increase in industrial and agricultural activities within the watershed (1) 4. Lack of control of fertilizers and pesticides etc (3) 5. Lack of access to drinking water (2) 6. Hygiene and sanitation issues (awareness + facilities) (2) 7. Protection of surface water bodies (e.g. Ologe Lagoon, River Owo) from pollution (1) 8. Upper catchment (recharge area) is not protected nor monitored (1) |
| 1.6.2 (core) | Initiatives to address shared water challenges shall be identified | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>Document "Shared water challenges and initiatives to address.xlsx" identifies the water challenges:</p> <ol style="list-style-type: none"> 1. Water Quantity <ul style="list-style-type: none"> • Identify more opportunities within the watershed to collaborate on water regeneration projects. • Create awareness around the factory and on a broader level (catchment, government) on sustainable water resources management • Create awareness with major water users within the watershed and explore opportunities for collective action 2. WASH <ul style="list-style-type: none"> • Sustain current water supply in the community 3. Governance <ul style="list-style-type: none"> • Explore more opportunities to support schools within the host community with hygiene and sanitation facilities 4. IWRA |

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| | | | | <ul style="list-style-type: none"> Explore opportunities to collaborate with other industries and the state agency on protection of the local water resources. Gather more data on the upper catchment recharge area in the next groundwater assessment |
| 1.6.3. (advance) | Future water issues shall be identified, including anticipated impacts and trends | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply. |
| 1.6.4. (advance) | Potential water-related social impacts from the site shall be identified, resulting in a social impact assessment with a particular focus on water. | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply. |
| 1.7 | <i>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.</i> | | | |
| 1.7.1 (core) | 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>Water risks are identified and prioritized in "Site Water related risks and opportunities.xlsx", according to their likelihood of occurrence and severity of impact obtaining as a result a risk classified as low (P1), medium (P2) and high (P3). Their Current status is evaluated as follow:</p> <p>According to the likelihood of occurrence:</p> <ul style="list-style-type: none"> - Unlikely - Possible - Likely - Almost Certain - Certain <p>According with the severity of impact :</p> <ul style="list-style-type: none"> - 1 insignificant - 2 minor effect - 3 major effect - 4 severe effect |

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| | | | | <p>The risks identified are the following ones:</p> <ol style="list-style-type: none"> 1. Risk of misperception regarding the factory water resource management leading to protest. 2. Water shortage for over abstraction 3. Groundwater contamination due to saltwater intrusion resulting from over abstraction 4. Contamination of groundwater used for production activities 5. Contamination of surface water by untreated wastewater discharge 6. Water shortage for over abstraction 7. Contamination of surface by untreated wastewater and runoff 8. Reputation risk / protests against Nestle as the "health and wellness company" 9. Health risks for workers that can have consequences on the operations |
| 1.7.2 (core) | Water-related opportunities shall be identified, including how the site may participate, assessment and prioritization of potential savings, and business opportunities. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>Water opportunities are identified , monetized and prioritized in "Site Water related opportunities.xlsx" and " Site Water related risks and opportunities.xlsx".</p> <p>They are the following ones:</p> <ul style="list-style-type: none"> - Communicate around the factory and on a broader level - Comply to regulatory and Nestle internal requirements in order to set a standard (best practice) for the other industries; certify site to AWS standard and engage relevant stakeholders on water resources management/water stewardship - Collective action on water resource and provision of WASH facilities within the community - Improved water efficiency within factory - Monitoring of the aquifer that the factory sources water through well monitoring. - Monitoring of wastewater WWTP through internal and external lab. analysis for the permissible discharge limits - Monitoring of groundwater quality by installing a piezometer with inline conductivity meter near the seashore |

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| | | | | <ul style="list-style-type: none"> - Create awareness on better water resources management and explore options for collective action within the catchment - Advocate for environmental friendly agricultural practices devoid of use of chemicals - Advocate for better planning at municipal and state level - Expand current water supply in the nearby community to include additional fetching points. - Explore other opportunities within the catchment to provide hygiene and sanitation facilities for schools <ul style="list-style-type: none"> - WASH programs (internally and externally with partners) - Contribute to addressing water related issues with collective action with locals and government - Monitoring on salt water intrusion into the aquifer from an installed piezometer near the seashore |
| 1.8 | <i>Understand best practice towards achieving AWS outcomes: Determining sectoral best practices having a local/catchment, regional, or national relevance.</i> | | | |
| 1.8.1. (core) | Relevant catchment best practice for water governance shall be identified. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>Good water governance </p> <p>This outcome is divided in 3 Best practices , periodicity and implement activities. See "1.8.Catchment Best practices.pptx":</p> <ul style="list-style-type: none"> - World water day celebration with school children from Agbara - Sustainability and Waste management training for school children in Agbara - Initial visit to key regulatory agencies to explore opportunities for collaboration/collective action within the Agbara Catchment |
| 1.8.2. (core) | Relevant sector and/or catchment best practice for water balance (either through water efficiency or less total water use) shall be identified. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>Sustainable water balance </p> |

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| | | | | <p>This outcome is divided in 1 Best practices , periodicity and implement activities. See "1.8.Catchment Best practices.pptx":</p> <ul style="list-style-type: none"> - Fire Service in Agbara community market |
| 1.8.3. (core) | Relevant sector and/or catchment best practice for water quality shall be identified, including rationale for data source. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>Good water Quality </p> <p>This outcome is divided in 3 Best practices , periodicity and implement activities. See "1.8.Catchment Best practices.pptx":</p> <ul style="list-style-type: none"> - Agbara Market Clean Up by Nestle Agbara Factory Staff - Sustainability and Waste management training for school children in Agbara. - A collaboration between Nestle Nigeria Plc and International Climate Change Development Initiative (ICCDI) |
| 1.8.4. (core) | Relevant catchment best practice for site maintenance of Important Water-Related Areas shall be identified. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <p>IWRA </p> <p>This outcome is divided in 1 Best practice , periodicity and implement activities. See "1.8.Catchment Best practices.pptx":</p> <ul style="list-style-type: none"> - Construction of easement drain and rehabilitation of Korogboji Access Road which is the surroundings of the IWRA an it is one of the access to it. |
| 1.8.5 (core) | Relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services shall be identified. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>WASH </p> <p>This outcome is divided in 3 Best practices , periodicity and implement activities. See "1.8.Catchment Best practices.pptx":</p> <ul style="list-style-type: none"> - Nestle Nigeria Plc donated toilet block, a borehole and a generating set to Salvation Army Primary School 2, |

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| | | | | <ul style="list-style-type: none"> - Drinking water access point provided to the employees and community population at the factory's entrance gates (Site 1 & 2). - Nestle Agbara factory donated drums of Isopropanol (disinfectant) to a Tertiary Institution within Agbara catchment |
| 2 | COMMIT AND PLAN | | | |
| 2.1 | <i>Commit to water stewardship by having the senior-most manager in charge of water at the site, or if necessary, a suitable individual within the organization head office, sign and publicly disclose a commitment to water stewardship, the implementation of the AWS Standard and achieving its five outcomes, and the allocation of required resources.</i> | | | |
| 2.1.1. (core) | <p>A signed and publicly disclosed site statement OR organizational document shall be identified. The statement or document shall include the following commitments:</p> <ul style="list-style-type: none"> - That the site will implement and disclose progress on water stewardship program(s) to achieve improvements in AWS water stewardship outcomes - That the site implementation will be aligned to and in support of existing catchment sustainability plans - That the site's stakeholders will be engaged in an open and transparent way - That the site will allocate resources to implement the Standard. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>The NESTLÉ AGBARA statement is published in:</p> <p>https://www.nestle-cwa.com/sites/g/files/pydnoa346/files/2021-11/AWS%20Commitment.pdf</p> |



<https://www.nestle-cwa.com/sites/g/files/pydnoa346/files/2021-12/%5BUntitled%5D.pdf>

| | | | | |
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| 2.2. | Develop and document a process to achieve and maintain legal and regulatory compliance. | | | |
| 2.2.1. (core) | <p>The system to maintain compliance obligations for water and wastewater management shall be identified, including:</p> <ul style="list-style-type: none"> - Identification of responsible persons/positions within facility organizational structure - Process for submissions to regulatory agencies. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>Facility maintains an organizational structure about the compliance obligations for water and wastewater management. It identifies responsible persons / position within facility organizational structure.</p> <p>It is described in “ Nestle Agbara factory AWS organogram.pptx”.</p> <p>Also, NESTLÉ AGBARA has a Standar Operating Procedure in which the role and the responsibility within the factory is applied. “ SHE-SOP-5.4.3-01v07 Procedure for communication participation and consultation.doc”. In that document it is described the process for submissions to regulatory agencies.</p> |
| 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. (core) | <p>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.</p> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>NESTLÉ AGBARA has the following water stewardship strategy.</p> <p><i>Our water stewardship strategy in Nestle Nigeria Plc (Agbara Factory) considers all key components: physical components (hydrogeology, recharge area, catchment, and surface waters), but also local governance (authorities, management of water, government policy and organization...), concerns and expectations from local communities, identified challenges related to water quantity, water quality, important water related areas, and of course the factory operations.</i></p> <p><i>Hence, our strategy is about developing relevant actions on site, but also outside the fence of our factory. These objectives will help us sustain and lower the physical and reputational water risks and benefit our stakeholders and the community.</i></p> <p>Besides, NESTLÉ AGBARA has a strategy plan in which six initiatives have been described:</p> <ul style="list-style-type: none"> - Work to achieve water efficiency across our operations - Advocate for effective water policies and stewardship - Treat the water we discharge effectively - Engage with suppliers, especially those in agriculture - Raise awareness of water access and conservation - Report publicly on a regular basis on the progress of meeting Commitment |

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2.3.2
(core)

A water stewardship plan shall be identified, including for each target:



Document "Agbara factory WS plan.xlsx, includes these items:

- Measure
- Action plan
- Due date
- Cost
- Responsible
- Target
- Intended AWS Outcomes

- 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.

| Water Stewardship Plan (Agbara Factory, 2021-2023) | | | | | | | | | | | | | |
|--|---|---------------|---------------|---------------|---------------|------------------|---------------|-----------|--------|------------|------------------|-----------------------|----------------|
| Description: Address the water stewardship challenges and address the risks, opportunities and stakeholders about water challenges | | | | | | | | | | | | | |
| SN | Challenges/Risks/Opportunities | Objective | Target | Measures | Action Plan | Expected Results | Responsible | Due date | Status | Cost (CHF) | Follow-up Action | Intended AWS Outcomes | Actual Results |
| ACTIONS TO IMPLEMENT AT SITE LEVEL | | | | | | | | | | | | | |
| 1 | Reduced water quality issues in the factory due to diversion of public water supply, unregulated groundwater extraction and groundwater pollution | Water quality | Water quality | Water quality | Water quality | Water quality | Water quality | 2021-2023 | Water | 200,000 | Water | Water quality | Water quality |
| 2 | Water quality issues in the factory due to diversion of public water supply, unregulated groundwater extraction and groundwater pollution | Water quality | Water quality | Water quality | Water quality | Water quality | Water quality | 2021-2023 | Water | 200,000 | Water | Water quality | Water quality |
| 3 | Water quality issues in the factory due to diversion of public water supply, unregulated groundwater extraction and groundwater pollution | Water quality | Water quality | Water quality | Water quality | Water quality | Water quality | 2021-2023 | Water | 200,000 | Water | Water quality | Water quality |
| 4 | Water quality issues in the factory due to diversion of public water supply, unregulated groundwater extraction and groundwater pollution | Water quality | Water quality | Water quality | Water quality | Water quality | Water quality | 2021-2023 | Water | 200,000 | Water | Water quality | Water quality |
| 5 | Water quality issues in the factory due to diversion of public water supply, unregulated groundwater extraction and groundwater pollution | Water quality | Water quality | Water quality | Water quality | Water quality | Water quality | 2021-2023 | Water | 200,000 | Water | Water quality | Water quality |
| 6 | Water quality issues in the factory due to diversion of public water supply, unregulated groundwater extraction and groundwater pollution | Water quality | Water quality | Water quality | Water quality | Water quality | Water quality | 2021-2023 | Water | 200,000 | Water | Water quality | Water quality |
| 7 | Water quality issues in the factory due to diversion of public water supply, unregulated groundwater extraction and groundwater pollution | Water quality | Water quality | Water quality | Water quality | Water quality | Water quality | 2021-2023 | Water | 200,000 | Water | Water quality | Water quality |
| 8 | Water quality issues in the factory due to diversion of public water supply, unregulated groundwater extraction and groundwater pollution | Water quality | Water quality | Water quality | Water quality | Water quality | Water quality | 2021-2023 | Water | 200,000 | Water | Water quality | Water quality |
| 9 | Water quality issues in the factory due to diversion of public water supply, unregulated groundwater extraction and groundwater pollution | Water quality | Water quality | Water quality | Water quality | Water quality | Water quality | 2021-2023 | Water | 200,000 | Water | Water quality | Water quality |
| 10 | Water quality issues in the factory due to diversion of public water supply, unregulated groundwater extraction and groundwater pollution | Water quality | Water quality | Water quality | Water quality | Water quality | Water quality | 2021-2023 | Water | 200,000 | Water | Water quality | Water quality |
| ACTIONS TO IMPLEMENT AT CATCHMENT LEVEL | | | | | | | | | | | | | |
| 11 | Water quality issues in the factory due to diversion of public water supply, unregulated groundwater extraction and groundwater pollution | Water quality | Water quality | Water quality | Water quality | Water quality | Water quality | 2021-2023 | Water | 200,000 | Water | Water quality | Water quality |
| 12 | Water quality issues in the factory due to diversion of public water supply, unregulated groundwater extraction and groundwater pollution | Water quality | Water quality | Water quality | Water quality | Water quality | Water quality | 2021-2023 | Water | 200,000 | Water | Water quality | Water quality |
| 13 | Water quality issues in the factory due to diversion of public water supply, unregulated groundwater extraction and groundwater pollution | Water quality | Water quality | Water quality | Water quality | Water quality | Water quality | 2021-2023 | Water | 200,000 | Water | Water quality | Water quality |
| 14 | Water quality issues in the factory due to diversion of public water supply, unregulated groundwater extraction and groundwater pollution | Water quality | Water quality | Water quality | Water quality | Water quality | Water quality | 2021-2023 | Water | 200,000 | Water | Water quality | Water quality |
| 15 | Water quality issues in the factory due to diversion of public water supply, unregulated groundwater extraction and groundwater pollution | Water quality | Water quality | Water quality | Water quality | Water quality | Water quality | 2021-2023 | Water | 200,000 | Water | Water quality | Water quality |
| 16 | Water quality issues in the factory due to diversion of public water supply, unregulated groundwater extraction and groundwater pollution | Water quality | Water quality | Water quality | Water quality | Water quality | Water quality | 2021-2023 | Water | 200,000 | Water | Water quality | Water quality |
| 17 | Water quality issues in the factory due to diversion of public water supply, unregulated groundwater extraction and groundwater pollution | Water quality | Water quality | Water quality | Water quality | Water quality | Water quality | 2021-2023 | Water | 200,000 | Water | Water quality | Water quality |
| 18 | Water quality issues in the factory due to diversion of public water supply, unregulated groundwater extraction and groundwater pollution | Water quality | Water quality | Water quality | Water quality | Water quality | Water quality | 2021-2023 | Water | 200,000 | Water | Water quality | Water quality |
| 19 | Water quality issues in the factory due to diversion of public water supply, unregulated groundwater extraction and groundwater pollution | Water quality | Water quality | Water quality | Water quality | Water quality | Water quality | 2021-2023 | Water | 200,000 | Water | Water quality | Water quality |
| 20 | Water quality issues in the factory due to diversion of public water supply, unregulated groundwater extraction and groundwater pollution | Water quality | Water quality | Water quality | Water quality | Water quality | Water quality | 2021-2023 | Water | 200,000 | Water | Water quality | Water quality |

2.3.3
(advance)

The site's partnership/water stewardship activities with other sites within the same catchment (which may or may not be under the same organisational ownership) shall be identified and described.



It does not apply

2.3.4
(advance)

The site's partnership/water stewardship activities with other sites in another catchment(s) (either under same corporate



It does not apply

| | | | | |
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| | structure or with another corporate site) shall be identified. | | | |
| 2.3.5 (advance) | 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. | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply |
| 2.4. | <i>Demonstrate the site's responsiveness and resilience to respond to water risks</i> | | | |
| 2.4.1 (core) | A plan to mitigate or adapt to identified water risks developed in co-ordination with relevant public-sector and infrastructure agencies shall be identified. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | NESTLÉ AGBARA in "Water Governance In Agbara Catchment.pptx" describes how the factory develop with public-sector and infrastructures a plan in order to mitigate or adapt the water risks identifies: |

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| | | | | <p>Water Stewardship – Our collective action to protecting local water resource</p> <p>In 2009, Nestlé in partnership with global leaders in sustainable water management founded the Alliance for Water Stewardship (AWS). The mission is to promote the use of fresh water in a way that is socially, economically, and environmentally beneficial. AWS members comprising of businesses, Non Governmental Organizations (NGOs) and the public sector contribute to the sustainability of local water-resources through the adoption and promotion of a universal framework for the sustainable use of water – the International Water Stewardship Standard, or AWS Standard that drives, recognizes and rewards good water stewardship performance.</p> <p>We recognise that solving shared water challenges required all stakeholders working collectively within our watershed to find solutions that benefit all.</p> <p>In furtherance of this, we would appreciate your valuable time in discussing key aspects of water stewardship</p> <ul style="list-style-type: none"> • Water governance • Water quality • Water quantity • Important Water-Related Areas • WASH <p>Also, NESTLÉ AGBARA has a sharepoint in which there is evidence about the meetings maintained with stakeholders in that way.</p> <p>https://nestle-my.sharepoint.com/:v/r/personal/edidiong_peters_ng_nestle_com/Documents/WWD%20CEO.mp4?csf=1&web=1&e=cEf4F7</p> |
| 2.4.2 (advance) | 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. | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply |
| 3 | IMPLEMENT | | | |

| | | | | |
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| 3.1. | <i>Implement plan to participate positively in catchment governance.</i> | | | |
| 3.1.1. (core) | Evidence that the site has supported good catchment governance shall be identified. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>“Water Governance in Agbara Catchment” explain how NESTLÉ AGBARA has support several meetings with key regulatory agencies in order to explore new opportunities for collaboration within the catchment. The meetings made are with :</p> <ul style="list-style-type: none"> - Department of Water Regulatory Enforcement and Advocacy (WREA) - Head of Regulatory Monitoring (OGEPA) - Environmental Health and Sanitation Office, Ado ODO Local Government Area. |
| 3.1.2. (core) | Measures identified to respect the water rights of others including Indigenous peoples, that are not part of 3.2 shall be implemented. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>The water rights are guaranteed by NESTLÉ AGBARA water supply points and hygiene and sanitation facility.</p> <p>Also, in “ Agbara Water Regeneration projects.xlsx” there are four projects which would supply water to clean, drink and other activities in the factory in order to increase the access to drinking water, use the rainwater in other activities and reuse the treated wastewater.</p> |
| 3.1.3. (advance) | Evidence of improvements in water governance capacity from a site-selected baseline date shall be identified. | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply |
| 3.1.4. (advance) | 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. | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply |
| 3.2. | <i>Implement system to comply with water-related legal and regulatory requirements and respect water rights.</i> | | | |
| 3.2.1. (core) | A process to verify full legal and regulatory compliance shall be implemented. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>NESTLÉ AGBARA is following the compliance monitoring inspection of the National Environmental Standards and Regulations Enforcement Agency. This inspection was carried out on 8th June 2021.</p> |

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Also in document " Checklist Certificate Licenses_Factory Regulatory And Compliance AGBARA (003) v6-23092020.xlsx" there is a description of all the permits and licenses that NESTLÉ AGBARA obeys.

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Nestlé Nigeria PLC – Agbara Factory SHE Policy



Nestlé Nigeria is a Food, Nutrition, Health and Wellness Company. Wherever we Operate, we implement environmentally sound business practices and comply with all local Legal SHE requirements. We are committed to the following guiding principles:

Everybody's Commitment

Our Management takes the lead, sets objectives and demonstrates its commitment towards Occupational Health, Safety and Environment by practicing and living what it preaches. All functions within the country are fully committed and responsible for observing mandatory principles, guidelines and instructions for maintaining agreed Occupational Health, Safety and Environment standards.

Full Compliance

In all that we do, we ensure full compliance with all applicable legal and other requirements, Nestlé mandatory standards and Nestlé Integrated Management System principles on Occupational Health, Safety and Environment.

Continual Improvement

To lead Occupational Health, Safety and Environment initiatives, we continually improve our, Safety, Health and Environment Management System by:

- Designing and adapting processes, work practices and systems aimed at preventing injury, ill health and pollution and optimizing the use of water and energy.
- Providing adequate resources with constant education and training

Creating Shared Value

We build relationships with our business partners and stakeholders to create shared value within the framework of our Nestlé business principles.

We communicate our standards to our business partners who are expected to share the same commitment to Occupational Health, Safety and Environment to consistently meet Nestlé requirements.

We promote activities that help establish awareness of the importance of Occupational Health, Safety and Environment transforming this awareness conviction and sustainable actions.

In light of these principles, each and every employee treats safety as non-negotiable and strives for environmental sustainability.


Hibahe Walid Joseph
Factory Manager

8/3/2021

SHE-D0C-4-2-01V03

Besides, NESTLÉ AGBARA has an excel, "Evaluation of Legañ Other Requirements 2019.xls", in which they complete and specify the Nigerian Legal requirements that they obey and the status in which they are.

| SHE DEPT | | Register of legal requirements related to SHE | | | | | |
|---|--------|---|--|---------|------------------|-----------------------|-----------------------|
| Classification | Number | Initials | | Status | Date of Creation | Applicable (YES / NO) | Compliance (YES / NO) |
| Nigerian Legal Requirements related to Environment | | | | | | | |
| National Environmental Standards and Regulations (Sanitation and Waste control) | | NESREA | | Current | 2009 | | |
| | | PART I: PRELIMINARY PROVISIONS | | | | | |
| | 1 | Application | These regulations shall apply to issues in environmental sanitation and all categories of wastes as provided for herein. | Current | 2009 | YES | YES |
| | 2 | Object | The purpose of these regulations is the adoption of sustainable and environment friendly practices in environmental sanitation and waste management to minimize pollution. | Current | 2009 | YES | YES |
| | | PART II: ENVIRONMENTAL SANITATION | | | | | |
| | 3 | Litter prohibition | (a) No person is to discard, throw or drop any refuse or refuse anywhere except in designated litter bins; (b) refuse, container, receptacle or person is to cause, management or control of provisions is to allow the refuse or litter from the receptacle; (c) No receptacle or person or any vehicle is to throw or drop any refuse into the streets, roads, highways, public square and other un-designated places. | Current | 2009 | YES | YES |
| | 4 | Waste handlers | Without prejudice to the foregoing, any person whose activities generate waste shall ensure that the waste is handled by a person licensed to transport and dispose of the waste in designated waste management facility. | Current | 2009 | YES | YES |
| | 5 | Cleaning of walkways | Any receptacle in use control or management of a premises or business shall: (a) keep the walkways and drainage system clean; (b) ensure there is no overflowing or, throwing of any refuse into any dump, public place, private lands (except plot, vacant, trees, vegetation or land) or within the vicinity of the premises; and (c) ensure there is no leakage of any refuse, waste, refuse, sludge with building or construction materials such as sand, gravel or clippings, earth, refuse bricks or cement blocks etc. | Current | 2009 | YES | YES |
| | 6 | Food sanitation | (a) All food handlers shall be free with National Pilling facilities as per Food sanitation; (b) ensure hygiene or cleanliness of the location of business or all other premises; (c) collect and dispose all wastes generated in the course of business in a designated collection point; (d) All food vendors shall comply with the provisions or contained in schedule 1 to these regulations. | Current | 2009 | YES | YES |
| | 7 | Market sanitation | (a) no vendor in the markets using the management or control of a business or activities whose wastes are generated in the vicinity shall; (b) ensure that litter and refuse materials are deposited in appropriate receptacles or waste bins; and (c) maintain cleanliness and employ appropriate recycling. | Current | 2009 | N/A | YES |
| | | A person in care, management or control of any industrial facility shall: (a) provide refuse facilities such as refuse waste, containers, dumpsites and drainage system; (b) ensure educational and potential signs to direct persons where they can dispose wastes; (c) provide appropriate facilities (such as refuse bins, containers, dumpsites and drainage system) for | | | | | |

3.2.2
(core)

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.

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Also in document "Checklist Certificate Licenses_Factory Regulatory And Compliance AGBARA (003) v6-23092020.xlsx" there is a description of all the permits and licenses that NESTLÉ AGBARA obeys in order to be according the water rights.

3.3.

Implement plan to achieve site water balance targets.3.3.1
(core)

Status of progress towards meeting water balance targets set in the water stewardship plan shall be identified.

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Document "Monthly trend.xlsx", identify the targets and their progress towards achieving the water stewardship plan with the actions to carry out in order to reduce the water consumption.

The groundwater abstraction in Nestlé Agbara factory is about 560 m³/day which is equivalent to 0.204 Mm³/year. This amount represents 0.1 % of the groundwater recharge which is considered as very low. According to the study findings, there is largely enough rainfall recharge to the aquifer to satisfy the Nestlé Waters bottling activity.

Besides, there are water balance targets for Food plant and Water plant.


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| 3.3.2 (core) | 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>NESTLÉ AGBARA is located in a zone without water scarcity justified in the document "CIAT_WR Justification_Simple version-2016.xlsx". However, the plant has identified several targets in order to reduce the water consumption. These actions are:</p> <ul style="list-style-type: none"> - Reuse excess flash condensate to fill up CIP hot water tank at Beverages plant. - Reduce make up water for cooker dry dosing vacuum pump Seal/water used in culinary plant. - Install new cooling tower to address water losses for cooling operations - Replacement of variseal of filler to address leakages |
| 3.3.3. (core) | Legally-binding documentation, if applicable, for the re-allocation of water to social, cultural or environmental needs shall be identified. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | NESTLÉ AGBARA does not use all the cubic meters they are authorized. They are under that limits. The re-allocation of water is not made. |
| 3.3.4. (advance) | The total volume of water voluntarily re-allocated (from site water savings) for social, cultural and environmental needs shall be quantified. | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply |


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| 3.4. | <i>Implement plan to achieve site water quality targets.</i> | | | |
| 3.4.1. (core) | Status of progress towards meeting water quality targets set in the water stewardship plan shall be identified. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>NESTLÉ AGBARA has several analysis which guarantee the water quality.</p> <p>NESTLÉ AGBARA has graphics about chemical parameters from at least nine years in "Raw Water Quality Monitoring.pdf" and in "Water Quality of Nestle Agbara factory.pdf" for PBL1 and PBL2.</p> |
| 3.4.2. (core) | 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>NESTLÉ AGBARA performs analysis from their wastewater before and after the treatment plant. The evidences show they comply with the NESREA limits.</p> <p>These analysis are performed monthly by third party.</p> |

| 3.5. | <i>Implement plan to maintain or improve the site's and/or catchment's Important Water-Related Areas.</i> | | | |
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| 3.5.1. (core) | Practices set in the water stewardship plan to maintain and/or enhance the site's Important Water-Related Areas shall be implemented. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>The only IWRA in the catchment is Ologe lagoon.</p> <p>NESTLÉ AGBARA has cooperated with the community in order to manage this area and shown the importance of save water maintaining the surroundings areas as the easement drain and rehabilitation of Korogboji Access Road. Also NESTLE AGBARA organizes a sustainability and waste management training for school children in Agbara in order to maintain clean the surrounding area.</p>  |
| 3.5.2. (advance) | 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. | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply |
| 3.5.3. (advance) | 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. | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply |

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| 3.6 | <i>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.</i> | | | |
| 3.6.1. (core) | 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>NESTLÉ AGBARA has several facilities onsite in order to access to safe drinking water to the people.</p> <p>Workers has access to safe water in the facility and NESTLE. Also, they have a training plan in order to obtain knowledge on quality, hygiene and food safety management.</p> |
| 3.6.2. (core) | 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Nigeria has not a law that guaranteed the water access. In that sense, NESTLÉ AGBARA ,provided several facilities in order to give public access to driking water as fountains or hygiene and sanitation facility in a primary school. |
| 3.6.3. (advance) | 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. | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply |
| 3.6.4. (advance) | 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. | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply |

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| 3.7. | <i>Implement plan to maintain or improve indirect water use within the catchment.</i> | | | |
| 3.7.1. (core) | Evidence that indirect water use targets set in the water stewardship plan, as applicable, have been met shall be quantified. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>NESTLÉ AGBARA has indirect use within the catchment.</p> <p>The initiative at Sonnex allows to save water using different buttons and sensor controllers in showers and hand wash station.</p> <p>Preform suppliers has the objective to reduce the water consumption in their production.</p> <p>3 OBS It would be interesting to establish a target for the next few years for the suppliers in order to reduce and control the water consumption.</p> |
| 3.7.2. (core) | 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>There are suppliers within the catchment.</p> <p>On 29th October 2021, there was a meeting with preform suppliers.</p> |
| 3.7.3. (advance) | Actions taken to address water related risks and challenges related to indirect water use outside the catchment shall be documented and evaluated. | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply |
| 3.8 | <i>Implement plan to engage with and notify the owners of any shared water-related infrastructure of any concerns the site may have</i> | | | |
| 3.8.1. (core) | Evidence of engagement, and the key messages relayed with confirmation of receipt, shall be identified. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | There is only one evidence about a survey to the neighbors and local stakeholders where it is identified the priority areas for improvement. It took place in November 2015. |

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| 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. (core) | Actions towards achieving best practice, related to water governance, as applicable, shall be implemented | <input checked="" type="checkbox"/> | <input type="checkbox"/> | The follow best practices are identified: <ul style="list-style-type: none"> • World Water Day celebration with school children from Agbara catchment • Meetings with Key Government Agencies |
| 3.9.2. (core) | Actions towards achieving best practice, related to targets in terms of water balance shall be implemented. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | The follow best practices are identified: <ul style="list-style-type: none"> • Emergency response support in Agbara community • Operational changes to reduce water consumption: |

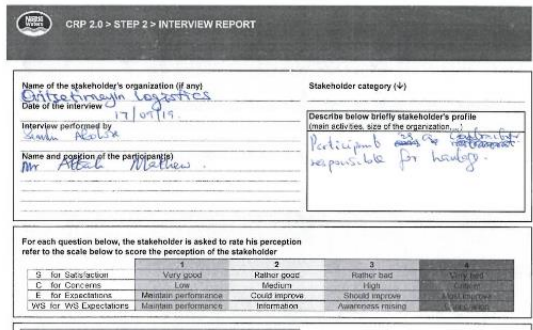
| | | | | |
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| | | | | <ul style="list-style-type: none"> ✓ Reuse excess flash condensate to fill up CIP hot water tank at Beverages plant. ✓ Reduce make up water for cooker dry dozing vaccum pump Seal/water used in culinary plant. ✓ Install new cooling tower to address water losses for cooling operations ✓ Replacement of variseal of filler to address leakages |
| 3.9.3. (core) | Actions towards achieving best practice, related to targets in terms of water quality shall be implemented. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>The follow best practices are identified:</p> <ul style="list-style-type: none"> • Water treatment. “NW Agbara WR Historical Data-aoa- Updated” shows the chemical diary analysis made in each well and their variability. |
| 3.9.4. (core) | Actions towards achieving best practice, related to targets in terms of the site’s maintenance of Important Water-Related Areas shall be implemented. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>The follow best practices are identified:</p> <ul style="list-style-type: none"> • Construction of easement drain and rehabilitation of Korogboji access road <div data-bbox="1344 798 1792 1085">  </div> <ul style="list-style-type: none"> • Environmental dashboard • Sustainability and waste management training for school children in Agbara |
| 3.9.5. (core) | Actions towards achieving best practice, related to targets in terms of WASH shall be implemented. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>The follow best practices are identified:</p> <ul style="list-style-type: none"> • Donation of disinfectant • Drinking water access point for the employees and the community • Hygiene and sanitation facility |

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| | | | | <ul style="list-style-type: none"> Korogboji water supply points |
| 3.9.6. (advance) | Achievement of identified best practice related to targets in terms of good water governance shall be quantified. | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply |
| 3.9.7. (advance) | Achievement of identified best practice related to targets in terms of sustainable water balance shall be quantified. | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply |
| 3.9.8. (advance) | Achievement of identified best practices related to targets in terms of water quality shall be quantified. | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply |
| 3.9.9. (advance) | Achievement of identified best practices related to targets in terms of the site's maintenance of Important Water-Related Areas have been implemented. | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply |
| 3.9.10. (advance) | Achievement of identified best practice related to targets in terms of WASH shall be quantified. | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply |
| 3.9.11. (advance) | A list of efforts to spread best practices shall be identified. | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply |
| 3.9.12. (advance) | 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. | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply |

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| 3.9.13. (advance) | 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. | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply |
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| 4 | EVALUATE | | | |
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| 4.1 | <i>Evaluate the site's performance in light of its actions and targets from its water stewardship plan and demonstrate its contribution to achieving water stewardship outcomes.</i> | | | |
| 4.1.1 (core) | Performance against targets in the site's water stewardship plan and the contribution to achieving water stewardship outcomes shall be evaluated | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Performance against targets in the site's water stewardship plan are identified in document "Agbara factory WS plan.xlsx". |
| 4.1.2. (core) | Value creation resulting from the water stewardship plan shall be evaluated. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Value creation resulting is defined in "Agbara factory WS plan.xlsx" for each action identified. Some of them are: <ul style="list-style-type: none"> • Project on reuse of excess flash condensate completed reducing factory's monthly water consumption by 252m3. • Reduction in water consumption • Reduce water losses • Sustainability of the local water resources • Access to safe drinking water = healthier population |

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| 4.1.3 (core) | The shared value benefits in the catchment shall be identified and where applicable, quantified. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>The shared value benefits is defined in “Agbara factory WS plan.xlsx”.for each action identified. Some of them are:</p> <ul style="list-style-type: none"> • Better site water balance • Healthier Kids • Proactive step incase of saltwater intrusion • Safe water for communities • Accurate understanding of issues and opportunities • Proper waste management • Awareness raising up to date analysis of local stakeholders concerns and expectations • Better water quality • Better Water governance <p>1mNC Although some shared values created have been identified, not all those that have been or will be created have been identified.</p> <p>It is closed. See table 6.2.1: Minor Non-Conformances raised during the AWS audit process</p> |
| 4.1.4 (advance) | 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. | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply |
| 4.2 | <i>Evaluate the impacts of water-related emergency incidents (including extreme events), if any occurred, and determine the effectiveness of corrective and preventative measures.</i> | | | |
| 4.2.1. (core) | 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 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>NESTLE AGBARA has made a reviewed of their procedures for impacts of water-related emergency incidents. See “Non conformity Procedure.pdf”.</p> <p>No emergency has taken part in the last year.</p> |

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| | preventative and corrective actions and mitigations against future incidents shall be identified. | | | |
| 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 (core) | Consultation efforts with stakeholders on the site's water stewardship performance shall be identified. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>NESTLÉ AGBARA has a tool called CRP in which the stakeholders are identified. This tool is also used to control the communication with the stakeholders and the related feedback with the plant.</p> <p>In folder "Stakeholders Interview" there are several evidences about the communication between stakeholder and company as it is shown in the follow picture:</p>  |
| 4.3.2 (advance) | 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. | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply |
| 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. (core) | 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | It will be reviewed on Surveillance audit. | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|--|--|--------------------------|---|-----|------|------------------|----|-----------------|---|----|------------------------|--|----|---------------------|--|---|----------------------------|---|---|---------------------------|---|---|---------------------|---|----|------------------------------|---|
| 5 | COMMUNICATE & DISCLOSE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.1 | <i>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.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.1.1. (core) | The site's water-related internal governance, including positions of those accountable for compliance with water-related laws and regulations shall be disclosed. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>NESTLÉ AGBARA has identified all the roles and responsibilities within the company in document "Nestle Agbara factory AWS role and responsibilities for compliance.pptx". The factory Manager is the person who is in charge to gave compliance to the legal and regulatory compliance and AWS for the factory.</p> <table border="1"> <thead> <tr> <th>S/N</th> <th>Role</th> <th>Responsibilities</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Factory Manager</td> <td>• Accountable for legal and regulatory compliance and AWS for the factory</td> </tr> <tr> <td>2.</td> <td>Plant Manager (Waters)</td> <td>• Responsible for the day-to-day of the bottled water production • Sponsor of the AWS certification audit</td> </tr> <tr> <td>3.</td> <td>Country SHE Manager</td> <td>• Responsible for assessing and evaluating compliance to water-related legal and regulatory compliance • Maintains relations with relevant regulatory agencies • Coordinate the submission of quarterly wastewater analysis reports to the relevant regulatory agencies. • Report any water-related violation and/or incidents on the Nestle SHE reporting tool and to the relevant government agency</td> </tr> <tr> <td>4</td> <td>Industrial Service Manager</td> <td>• Responsible for water withdrawal, storage and treatment to specified parameters • Responsible for water distribution within the factory • Responsible for well monitoring • Responsible for the management and monitoring of the Wastewater Treatment Plant.</td> </tr> <tr> <td>5</td> <td>Quality Assurance Manager</td> <td>• Responsible for the quality monitoring of both raw and product water • Responsible for food safety and hygiene</td> </tr> <tr> <td>6</td> <td>AWS Lead/WR Manager</td> <td>• Responsible for driving factory Water Stewardship/AWS • Responsible for water abstraction and well monitoring of the well for bottling water • Responsible for CRP 3.) implementation</td> </tr> <tr> <td>7.</td> <td>Z-AOA Water Resource Manager</td> <td>• Support factory in water resources management and AWS</td> </tr> </tbody> </table> | S/N | Role | Responsibilities | 1. | Factory Manager | • Accountable for legal and regulatory compliance and AWS for the factory | 2. | Plant Manager (Waters) | • Responsible for the day-to-day of the bottled water production • Sponsor of the AWS certification audit | 3. | Country SHE Manager | • Responsible for assessing and evaluating compliance to water-related legal and regulatory compliance • Maintains relations with relevant regulatory agencies • Coordinate the submission of quarterly wastewater analysis reports to the relevant regulatory agencies. • Report any water-related violation and/or incidents on the Nestle SHE reporting tool and to the relevant government agency | 4 | Industrial Service Manager | • Responsible for water withdrawal, storage and treatment to specified parameters • Responsible for water distribution within the factory • Responsible for well monitoring • Responsible for the management and monitoring of the Wastewater Treatment Plant. | 5 | Quality Assurance Manager | • Responsible for the quality monitoring of both raw and product water • Responsible for food safety and hygiene | 6 | AWS Lead/WR Manager | • Responsible for driving factory Water Stewardship/AWS • Responsible for water abstraction and well monitoring of the well for bottling water • Responsible for CRP 3.) implementation | 7. | Z-AOA Water Resource Manager | • Support factory in water resources management and AWS |
| S/N | Role | Responsibilities | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. | Factory Manager | • Accountable for legal and regulatory compliance and AWS for the factory | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. | Plant Manager (Waters) | • Responsible for the day-to-day of the bottled water production • Sponsor of the AWS certification audit | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. | Country SHE Manager | • Responsible for assessing and evaluating compliance to water-related legal and regulatory compliance • Maintains relations with relevant regulatory agencies • Coordinate the submission of quarterly wastewater analysis reports to the relevant regulatory agencies. • Report any water-related violation and/or incidents on the Nestle SHE reporting tool and to the relevant government agency | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Industrial Service Manager | • Responsible for water withdrawal, storage and treatment to specified parameters • Responsible for water distribution within the factory • Responsible for well monitoring • Responsible for the management and monitoring of the Wastewater Treatment Plant. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Quality Assurance Manager | • Responsible for the quality monitoring of both raw and product water • Responsible for food safety and hygiene | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | AWS Lead/WR Manager | • Responsible for driving factory Water Stewardship/AWS • Responsible for water abstraction and well monitoring of the well for bottling water • Responsible for CRP 3.) implementation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7. | Z-AOA Water Resource Manager | • Support factory in water resources management and AWS | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| 5.2 | <i>Communicate the water stewardship plan with relevant stakeholders.</i> | | | |
| 5.2.1. (core) | The water stewardship plan, including how the water stewardship plan contributes to AWS Standard outcomes, shall be communicated to relevant stakeholders. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>NESTLÉ AGBARA has performed the following actions in order to communicate the water stewardship plan to the relevant stakeholders:</p> <ul style="list-style-type: none"> - World Water Day - Engagement with Department of Water Regulatory Enforcement and Advocacy (WREA) - Engagement with Head of Regulatory Monitoring, OGEPA - Engagement with Environmental Health and Sanitation Office, Ado ODO Local Government Area <p>2mNC Although communications have been carried out with the stakeholders regarding how Water Stewardship Plan control the AWS outcomes, it should be shared the complete content of this Water Stewardship Plan.</p> <p>It is closed. See table 6.2.1: Minor Non-Conformances raised during the AWS audit process</p> |
| 5.3 | <i>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.</i> | | | |
| 5.3.1. (core) | A summary of the site's water stewardship performance, including quantified performance against targets, shall be disclosed annually at a minimum. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | It will be reviewed on Surveillance audit. |
| 5.3.2. (advance) | The site's efforts to implement the AWS Standard shall be disclosed in the organization's annual report. | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply |
| 5.3.3. (advance) | Benefits to the site and stakeholders from implementation of the AWS Standard shall be quantified in the organization's annual report. | <input type="checkbox"/> | <input type="checkbox"/> | It does not apply |

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| 5.4 | Disclose efforts to collectively address shared water challenges, including: associated efforts to address the challenges; engagement with stakeholders; and co-ordination with public-sector agencies. | | | |
| 5.4.1. (core) | The site's shared water-related challenges and efforts made to address these challenges shall be disclosed. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <p>The site's shared water-related challenges and efforts made has been disclosed in the followings actions:</p> <ul style="list-style-type: none"> • World Water Day • Engagement with Department of Water Regulatory Enforcement and Advocacy (WREA) • Engagement with Head of Regulatory Monitoring, OGEPA • Engagement with Environmental Health and Sanitation Office, Ado ODO Local Government Area <p>4 OBS Although the efforts and challenges shared in various activities with stakeholders have been disclosed, it would be interesting to keep specific records where the content of their disclosure is specifically credited</p> |
| 5.4.2. (core) | Efforts made by the site to engage stakeholders and coordinate and support public-sector agencies shall be identified. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | The above meetings has been performed to engage stakeholders and pubic-sector. |
| 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. (core) | Any site water-related compliance violations and associated corrections shall be disclosed. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | There have been no violations compliance. |
| 5.5.2. (core) | Necessary corrective actions taken by the site to prevent future occurrences shall be disclosed if applicable. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | No corrective actions have been necessary to prevent future compliance violations. |

March 4, 2022

**[ALLIANCE FOR WATER STEWARDSHIP ASSESSMENT
REPORT]**

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| 5.5.3. (core) | 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | It has not happened |
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6 AUDIT FINDINGS

A findings log was issued to NESTLÉ AGBARA which detailed the findings raised during the audit. As there were a large number of documents supplied to SGS as evidence and each one had to be reviewed, the findings log acted as a live document and was updated periodically until all indicators and documents had been reviewed for compliance. NESTLÉ AGBARA was then afforded time to respond to the findings and supply additional information for SGS to the review and to either accept and close the finding or request further information or action. Once all findings were closed by the Lead Auditor all documentation and audit trail were then reviewed by the Auditor.

6.1 MAJOR NON CONFORMANCES

During the course of the audit no major non-conformances were raised.

6.2 MINOR NON CONFORMANCES

Two minor non-conformance was raised during the audit process. It has been closed by NESTLÉ AGBARA at the time of writing.

| No. | Type | Ref. | Details | Response by NESTLE AGBARA | Relevant References |
|-----|----------|-----------|---|---|---|
| 1 | Minor NC | 4.1.3.MNC | Although some shared values created have been identified, not all those that have been or will be created have been identified. | NESTLE AGBARA update the file including a three years period. | Nestle Agbara factory WS strategy and plan.xlsx |
| 2 | Minor NC | 5.2.1 MNC | Although communications have been carried out with the stakeholders regarding how Water Stewardship Plan control the AWS outcomes, it should be shared the complete content of this Water Stewardship Plan. | NESTLE AGBARA update the document including the communications in which water stewardship plan is shared. | Water Governance in Agbara Catchment.pptx. |

Table 6.2.1: Minor Non-Conformances raised during the AWS audit process

6.3 OBSERVATIONS

Four observations were raised during the audit which are only to be considered as improvement opportunities. No action is necessary during this audit period but these issues would most likely come under scrutiny during a surveillance audit scenario.

| No. | Type | Ref. | Details |
|-----|-------------|-----------|---|
| 1 | Observation | 1.5.1 OBS | It would be interesting to establish a general ratio of water consumption per worker to avoid biases in annual consumption (for example during the shutdowns). |
| 2 | Observation | 1.5.3 OBS | Efforts are recommended to update the Cathment data related to the water balance |
| 3 | Observation | 3.7.1 OBS | It would be interesting to establish a target for the next few years for the suppliers in order to reduce and control the water consumption. |
| 4 | Observation | 5.4.1 OBS | Although the efforts and challenges shared in various activities with stakeholders have been disclosed, it would be interesting to keep specific records where the content of their disclosure is specifically credited |

Table 6.3.1: Observations raised during the AWS audit process

7 SUMMARY

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

8 OPPORTUNITIES FOR IMPROVEMENT

The certification audit for NESTLÉ AGBARA against the AWS Standard is for the initial assessment of conformity and as such allows for some areas for improvement going forward.

As this was a first year assessment focus of the review has been centred on the documented plan and implementation of it to date.

March 4, 2022

**[ALLIANCE FOR WATER STEWARDSHIP ASSESSMENT
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9 CONCLUSIONS AND RECOMMANDATIONS

Given the review of evidence produced and site visit inspections performed at the NESTLÉ AGBARA, SGS recommends that NESTLÉ AGBARA is awarded AWS Certified status with a surveillance audit interval of annual frequency.