CONTRACT FOR THE ADMINISTRATIVE CONCESSION OF THE SERVICES REQUIRED FOR THE UNIVERSALIZATION OF WASTEWATER SERVICES IN THE INTERIOR OF THE STATE OF CEARÁ

EXHIBIT III

PERFORMANCE INDICATORS AND SERVICE TARGETS

GENERAL INDEX

1. PERFORMANCE INDICATORS

For purposes of execution of the CONCESSION that is the subject matter of CONTRACT No. **(.)**, a performance evaluation system for the CONCESSIONAIRE was developed through indicators, with a view to ensuring compliance with the quality standards for maintenance of the elements required under EXHIBIT IV – CONCESSION SPECIFICATIONS, as well as with the rules and laws in force and the certification standards required by the competent public authorities.

Such rules, laws and standards are related to the availability, quality and sustainability of the wastewater services in the MUNICIPALITIES of the State of Ceará that will be served by the CONCESSIONAIRE. It is noted that the established performance measurement system does not eliminate or replace other inspecting and monitoring mechanisms and actions carried out by CAGECE, the REGULATORY AGENCY and/or other control and inspecting bodies.

The use of performance indicators is essential for assessing the quality of the wastewater SERVICES and the COMMERCIAL MANAGEMENT activities. This is because such practice requires constant monitoring, which allows for the improvement and monitoring of the execution of the targets set forth in this EXHIBIT III – PERFORMANCE INDICATORS AND SERVICE TARGETS and in the service provision contracts, in addition to the identification and dissemination of best techniques and performance.

Furthermore, the use of indicators is relevant as a mechanism to encourage the improvement and rationalization of inspection activities, facilitating the generation of annual diagnostics to be made available to the GRANTING AUTHORITY and to inspecting and regulatory institutions, which may even serve as a basis for the formulation of public policies in the sector. Lastly, the measurement of indicators makes it possible to assess the evolution and efficiency over time of each aspect, as well as to compare the performance of the CONCESSIONAIRE with that of other organizations in the sector.

It should be noted that the indicators proposed in this EXHIBIT are based on those used within the scope of International Public Tender No. 2022002 – CAGECE/CCC for the Administrative Concession of the Services Required for the

Universalization of Wastewater Services in the State of Ceará[1], those of CAGECE, those of the rules issued by the National Water and Sanitation Agency (ANA), and those of the rules issued by the Infranational Regulatory Agency relating to the public water supply and wastewater services.

The selection of these indicators was carried out based on market research (benchmarking), through which it was possible to verify those being adopted in sanitation projects in the country, notably in tender notices in the sector and indicators included in the National Sanitation Information System (SNIS) and in the ACERTAR program.

It should also be noted that the aforementioned performance measurement system may be subject to changes requested by CAGECE as a result of legal determinations, determinations by the regulatory agencies and determinations by the holder of the SERVICES.

1.1 Selection of Indicators

In selecting the performance indicators, the aim was to cover the most relevant dimensions of wastewater services provision, so as to ensure that the most significant information for evaluating the performance of the CONCESSIONAIRE is made available, fulfilling both inspecting activities and social interests. Accordingly, the choice of indicators considered both requirements relating to each indicator individually considered, as well as the set of indicators itself.

For the individual selection of the indicators, the following aspects were weighed:

- Possibility of calculation without significant additional effort;
- Ease and simplicity of interpretation and obtainment;
- Rigorous definition, concise meaning and unambiguous interpretation;

[1] International Public Tender No. 2022002 – Cagece/CCC for the Administrative Concession of Services Required for the Universalization of Wastewater Services in the State of Ceará, in the municipalities comprising Lot 1, consisting of the municipalities of the Fortaleza South Metropolitan Region and the Cariri Metropolitan Region, and Lot 2, consisting of the Fortaleza North Metropolitan Region.

- Objective and impartial measurement of a specific aspect of the CONCESSIONAIRE's performance, so as to avoid subjective or distorted judgments;
- Ease of access to data, verification and external auditing;
- Validity, communicability and reliability;
- Allow validation by independent verifiers.

Collectively, indicators were sought that are capable of fulfilling the following requirements:

- Reflect the main aspects of the performance of the CONCESSIONAIRE, with parameters that allow a representation of both operation and universalization;
- Avoid overlap in objectives or meaning among the indicators.

1.2 Performance Indicators Framework (QID)

The proposed indicators make up a Performance Indicators Framework (QID), containing description, calculation formula, indicator components, unit of measurement, periodicity and source for collection of the component data, as set forth jointly in APPENDIX I – ANNUAL TARGET OF THE PERFORMANCE INDICATORS.

Seeking better visualization and organization of the evaluation process, the performance indicators were classified into three distinct groups:

- Universalization Indicator;
- General Indicator for Micrometering Update; and
- Operational Indicator.

Each indicator has a specific formula, the calculation of which normally consists of a relationship between two or more variables, seeking to determine the effective performance in relation to an optimal performance. The table below presents the indicators that make up the QID.

Table 1 - Indicators by category.

Item	Category	Performance Indicator	Formula	Unit of Measurement	Definitions
1	Wastewater System Universalization Indicator – IDU	Indicator for Expansion of Coverage through Wastewater Connection (IACC)	$IACC = \frac{CCE_n - CER_n}{MCE_n - CER_n} x\ 100$	%	CCE_n - Coverage index through connection of customer units to wastewater collection and treatment achieved in measurement year "n"; MCE_n - Target for coverage through connection of customer units to wastewater collection and treatment in measurement year "n"; CER_n - Reference coverage index through connection of customer units to wastewater collection and treatment in measurement year "n".
2	General Indicator for Micrometering Update – IGAM	Indicator for Micrometering Update (IAM)	$IAM = \frac{IA_{1,5} + IA_{\geq 3,5} + IA_{\geq 10} + IA_{2,5} + IA_{\geq 2,5*}}{TH_{1,5} + TH_{\geq 3,5} + TH_{\geq 10} + TH_{2,5} + TH_{\geq 2,5*}} \times 100$	%	$IA_{1,5}$ – Number of velocity water meters (Qn 1.5m^3/h) within acceptable age; $TH_{1,5}$ – Total number of velocity water meters (Qn 1.5m^3/h); $IA_{\geq 3,5}$ – Total number of velocity water meters (Qn ≥3.5m^3/h); $TH_{\geq 3,5}$– Total number of velocity water meters (Qn ≥3.5m^3/h); $IA_{\geq 10}$ – Number of velocity water meters (Qn ≥10m^3/h) within acceptable age;

Item	Category	Performance Indicator	Formula	Unit of Measurement	Definitions
					$TH_{\geq 10}$ – Total number of velocity water meters (Qn ≥10m^3/h); $IA_{2,5}$– Number of volumetric water meters (Q3 2.5m^3/h) within acceptable age; $TH_{2,5}$ – Total number of volumetric water meters (Q3 2.5m^3/h); $IA_{\geq 2,5*}$– Number of ultrasonic water meters (Q3 ≥2.5m^3/h) within acceptable age; $TH_{\geq 2,5*}$ – Total number of ultrasonic water meters (Q3 ≥2.5m^3/h)
3	Operational Performance Indicator - IDO	Indicator for Frauds (IFR)	$IFR = \frac{FR}{NLA}\ x\ 1000$	Number of Frauds / 1,000 covered water connections	FR - Total number of frauds and illegal connections identified and remedied in water connections in the last 12 months; NLA - number of covered water connections on the last day of the reference month.

Item	Category	Performance Indicator	Formula	Unit of Measurement	Definitions
4	Operational Performance Indicators - IDO	Indicator for Wastewater Network Overflows (IEX)	$IEX = \frac{QE}{CR}$	Overflows / Km of wastewater collection network	QE - Total number of overflows in the wastewater collection network for network unclogging and connection services recorded in the month, including repetitions; CR - Total length of the wastewater collection network in kilometers (Km) on the last day of the month, including collection networks (conventional and condominium), trunk collectors, gravity outfalls and interceptors, excluding building connections and pumping outfalls.
5		Indicator for Average Duration of Repairs of Wastewater Overflows (IDRE)	$IDRE = \frac{DE}{QE}$	Hours / repaired overflows	DE – Total number of hours spent in the month on the set of actions to solve overflow problems recorded in the wastewater collection network for network unclogging services or in any part of the wastewater collection system(s) (collection network, trunk collector, outfall, pumping stations, etc.), from the first complaint made to the service provider until completion of the repair; QE – Total number of hours spent in the month on the set of actions to solve overflow problems recorded in the wastewater collection network for

Item	Category	Performance Indicator	Formula	Unit of Measurement	Definitions
					network unclogging services or in any part of the wastewater collection system(s) (collection network, trunk collector, outfall, pumping stations, etc.), from the first complaint made to the service provider until completion of the repair.
6	Operational Performance Indicators - IDO	Indicator for Efficiency in Wastewater Treatment (IETE)	$IETE = \frac{NTE_{Conf}}{NTE} \times 100$	%	NTE_{Conf} – Total number of effluent samples at the treatment outlet with all analyzed parameters in compliance in the month; NTE – Total number of effluent samples at the treatment outlet scheduled according to the Sampling Plan in the month.
7		Indicator for Efficiency in Service Response Times (IEP)	$IEP = \frac{SRP}{TSS} x100$	%	SRP - Quantity of services provided within the deadline in the month; TSS - Quantity of services requested in the month;

Item	Category	Performance Indicator	Formula	Unit of Measurement	Definitions
8	Operational Performance Indicators - IDO	Indicator for Continuity in WPS and WWTPs (ICO)	$ICO_{EEE.ETE} = \frac{\Sigma VAM - \Sigma VEM}{\Sigma VAM} x100$	%	VAM - Total monthly inflow volume, calculated based on the average flow capacity multiplied by the monthly number of hours of the WWTPs and WPS in the month (recorded by level sensors, hour meter installed in the WWTPs and WPS, mirrored in the automation system) or based on the total volume directly measured by the flow meters in the month; VEM – Total monthly overflow volume, calculated based on the average flow capacity multiplied by the overflow hours in the WWTPs and WPS in the month (recorded by level sensors, hour meter installed in the WWTPs and WPS, mirrored in the automation system) or based on the total overflow volume directly measured by the flow meters in the month.
9		Environmental Regularity Indicator (IRA)	$IRA = \frac{NSLAV}{NTS} \ x \ 100$	%	$NSLAV$ - Number of Wastewater Systems/Operational Units with licensing and environmental conditions in force within the deadline(s) set forth in the license(s); NTS - Total number of Wastewater Systems/Operational Units that require environmental licensing.
10		Indicator for Wastewater Complaints (IRE)	$IRE = \frac{QRE}{NLE} x100$	complaints / 100 active customer units	QRE - Quantity of complaints relating to the wastewater system and the provision of COMMERCIAL MANAGEMENT services

Item	Category	Performance Indicator	Formula	Unit of Measurement	Definitions
					in the month, including repetitions. All complaints from customers and from CAGECE addressed to the CONCESSIONAIRE originating from CAGECE's customer service channels and from the GOVERNMENT OF THE STATE OF CEARÁ shall be counted; *NLE* - Number of active wastewater customer units on the last day of the reference month.

2. METHOD FOR MEASUREMENT OF INDICATORS

One of the difficulties that may arise in a performance measurement system through indicators is the method for measuring them. The variables making up the indicator formula are not always easily obtained, and the proper delimitation of the measured parameters is of utmost relevance in order to portray the operational reality of a system.

Another important aspect is the measurement frequency, which must be established according to the characteristics of each indicator. Lastly, it is essential that the responsibilities of the parties involved in the process be clearly defined, so as to delimit their respective roles and avoid future impasses that may compromise the measurement of the indicators.

The following items are devoted to addressing these topics in greater detail.

2.1 Source for Data Collection

The data for calculating the indicators may be obtained internally or externally. Data are deemed internal when generated and controlled directly by the CONCESSIONAIRE or by the GRANTING AUTHORITY, such as the number of samples compliant with the standards in force. External data, in turn, are those that must be obtained from third parties.

For purposes of obtaining internal data, the following shall be used:

- Field inspection verifications;
- Records of the CONCESSIONAIRE:
  - Wastewater Treatment Plants (WWTPs) and Wastewater Pumping Stations (WPS);
  - Control and operation center;
- Technical and commercial records of the GRANTING AUTHORITY and of the CONCESSIONAIRE;
- Maintenance Management System;

- Environmental Licensing System;
- Operational Reports;
- Records of physicochemical, bacteriological and microbiological analyses in the laboratory and in the field;
- Records of the environmental audits carried out; and
- Records of requests and complaints through the service channels of the GRANTING AUTHORITY and of the GOVERNMENT OF THE STATE OF CEARÁ.

External data, in turn, shall be obtained by consulting external sources, such as:

- National Water and Sanitation Agency (ANA) and Regulatory Agencies;
- Secretariat for the Environment and Climate Change (SEMA) of the State of Ceará;
- Brazilian Institute of Geography and Statistics (IBGE) – Demographic Census or National Household Survey (PNAD);
- City Halls and municipal authorities covered by the Project;
- National Sanitation Information System (SNIS);
- National Basic Sanitation Information System (SINISA);
- Institute for Research and Economic Strategy of Ceará (Ipece);
- State Superintendence for the Environment (Semace);
- Water Resources Management Company (Cogerh).
- Brazilian Institute of the Environment and Renewable Natural Resources (IBAMA)

Additionally, the data generated by the CONCESSIONAIRE must be compatible with and integrated into the systems and databases of the GRANTING AUTHORITY.

2.2 Frequency

The frequency for analysis of the Performance Indicators must observe the temporal evolution of the indicator in question and its purpose, thus meeting the interests of the USERS, the GRANTING AUTHORITY and the CONCESSIONAIRE. Accordingly, there are indicators measured on a monthly, quarterly and annual basis, which will be presented later in this item.

Indicators that are simpler to read, that may vary considerably over a short period, or that require stricter monitoring will tend to be measured at shorter reference intervals.

Accordingly, the following periodicities were established:

Table 2 - Periodicity of the Performance Indicators.

Category	Item	Performance Indicator	Frequency
Wastewater System Universalization Indicator	1	IACC - Indicator for Expansion of Coverage through Wastewater Connection	Annual
General Indicator for Micrometering Update	2	IAM - Indicator for Micrometering Update	Annual
Operational Performance Indicators	3	IFR – Indicator for Frauds	Monthly
	4	IEX – Indicator for Wastewater Network Overflows	Monthly
	5	IDRE – Indicator for Average Duration of Repairs of Wastewater Overflows	Monthly
	6	IETE - Indicator for Efficiency in Wastewater Treatment	Monthly
	7	IEP – Indicator for Efficiency in Service Response Times	Monthly
	8	ICO – Indicator for Continuity in Wastewater Pumping Stations (WPS) and Wastewater Treatment Plants (WWTPs)	Monthly
	9	IRA – Environmental Regularity Indicator	Quarterly
	10	IRE – Indicator for Wastewater Complaints	Monthly

2.3 Targets of the Performance Indicators

The result of an indicator, by itself, has no meaning whatsoever and shall always be compared with some reference value or target. The definition of targets shall be linked both to the good practices observed in the relevant market and to the efficiency levels to be achieved by the CONCESSIONAIRE within the proposed term — although challenging — and shall also be aligned with the contractual conditions considered in the project.

The sources consulted for the definition of the Reference Values/Targets were:

1. Legislation in force;
2. Technical standards related to the indicators presented in this report;
3. Reference Standards of the National Water and Sanitation Agency (ANA);
4. Historical records of the indicators of the National Sanitation Information System (SNIS) and the National Basic Sanitation Information System (SINISA);
5. National and international best practices adjusted to the reality and historical records of the GRANTING AUTHORITY;
6. International Water Association (IWA);
7. Service provision contracts and their respective addenda; T
8. Guidelines, resolutions and regulations of the Water Supply and Wastewater Microregions; e
9. Municipal, Microregional or Regional Water and Wastewater Plans.

The criteria adopted for establishing the targets contemplated herein were:

- **Adjusted to reality:** The defined targets shall be set in such a way as to become achievable by the CONCESSIONAIRE. For this purpose, knowledge of the legislation in force and of the practices verified in the market is required.

- **Optimistic, yet realistic:** The targets shall not be considerably ambitious or even unattainable, but shall instead seek to fulfill the conditions that characterize the service provided.
- **Gradual:** It is reasonable to establish gradual targets for the initial years of the CONCESSION until the system reaches maturity, at which point the targets become constant.
- **Reliable and available information:** It is essential that the information serving as the basis for defining the performance indicator targets be reliable and available.
- **Benchmarking:** The targets/reference values defined based on comparison with other realities have the advantage of the robustness of the results and the possible correction and adaptation thereof to the operating environment of the relevant service provider.
- **Experience:** An alternative approach in the absence of reliable information that may serve as the basis for establishing the targets, grounded on a qualitative method based on the experience and knowledge of a specialist in the matter.

APPENDIX II – MUNICIPAL TARGETS FOR COVERAGE THROUGH CONNECTION OF CUSTOMER UNITS TO WASTEWATER COLLECTION AND TREATMENT - CCE, BY YEAR, of this document, sets forth an expansion curve for coverage through connection for wastewater services.

Accordingly, the project begins with existing coverage through connection indexes until operational maturity is reached and the level of universalization is achieved, with the maintenance of universalization until the end of the term of the CONTRACT, in line with the evolution of the intermediary and universalization targets for coverage through connection and provision of wastewater services established in the CONTRACT and by the update of the legal framework for basic sanitation (Federal Law No. 14,026/2020), as set forth in APPENDIX II – MUNICIPAL TARGETS FOR COVERAGE THROUGH CONNECTION OF CUSTOMER UNITS TO WASTEWATER COLLECTION AND TREATMENT - CCE, BY YEAR and APPENDIX III - MUNICIPAL INTERMEDIARY AND UNIVERSALIZATION

TARGETS FOR THE PROVISION OF WASTEWATER COLLECTION AND TREATMENT SERVICES - IAE, BY YEAR, FOR THE MUNICIPALITIES OF THE CONCESSION. This is directly reflected in the targets established for the wastewater universalization indicators and, indirectly, in all those that tend to show progress as investments are made and the operation is expanded.

In addition, there are indicators that shall have fixed reference values, which do not depend on the operating time.

It should also be noted that the targets presented below shall be measured for the individual operation of each MUNICIPALITY. The MUNICIPALITIES have specific targets and all of them shall have their wastewater services universalized within the deadlines individually established and in accordance with the guidelines of Federal Law No. 11,445/2007 and its amendments. Furthermore, the CONCESSIONAIRE shall maintain continuous control of the indicators.

It is further noted that the targets set forth in this Exhibit shall, as a general rule, be verified on the basis of the individual operation of each MUNICIPALITY, each of which has specific targets and shall achieve universalization of wastewater services within the deadlines individually established, in accordance with the applicable legal and contractual provisions. Exceptionally, and exclusively for the purpose of calculating the IDU, in the first two assessments of this indicator, compliance with the targets set forth in APPENDIX II of this Exhibit may, alternatively, be verified based on the aggregated result of the respective Lot, rather than solely on each Municipality considered individually, provided that, in each Municipality, the wastewater service targets set forth in APPENDIX III and the wastewater coverage targets established in the respective Program Contracts, where applicable, are fully met. The aggregated targets by Lot, as well as the targets under the PROGRAM CONTRACT, are set out in APPENDIX V

In the exceptional circumstance referred to above, any failure to achieve, in a given MUNICIPALITY, the target set forth in this Exhibit shall not be deemed a breach, provided that: (i) the target for the respective LOT has been achieved in the relevant reference period; and (ii) the wastewater service targets established in the respective Appendix III have been met within that MUNICIPALITY; and (iii) the targets established in the respective PROGRAM CONTRACT have been met within

that Municipality. Upon the conclusion of such two measurement periods, the assessment of compliance with the targets, for purposes of calculating the IDU, shall revert to being based exclusively on the individual performance of each MUNICIPALITY, in accordance with this Exhibit.

The targets conceptually defined herein are presented annually in APPENDIX I – ANNUAL TARGET OF THE PERFORMANCE INDICATORS, in APPENDIX II – MUNICIPAL TARGETS FOR COVERAGE THROUGH CONNECTION OF CUSTOMER UNITS TO WASTEWATER COLLECTION AND TREATMENT - CCE, BY YEAR and APPENDIX III - MUNICIPAL INTERMEDIARY AND UNIVERSALIZATION TARGETS FOR THE PROVISION OF WASTEWATER COLLECTION AND TREATMENT SERVICES - IAE, BY YEAR, FOR THE MUNICIPALITIES OF THE CONCESSION..

It should be noted that any noncompliance with the targets arising from events not attributable to the CONCESSIONAIRE, according to the risk matrix, shall not be considered in the calculation of the indicators. The CONCESSIONAIRE shall justify the noncompliance with information proving the occurrence of such events not attributable to it. The GRANTING AUTHORITY and the INDEPENDENT VERIFIER shall assess the justifications submitted by the CONCESSIONAIRE and express their agreement with the arguments presented.

2.3.1 IACC - Indicator for Expansion of Coverage through Wastewater Connection

Indicator for Expansion of Coverage through Wastewater Connection			
Category:	Acessibility	**Method of measurement:**	Formula
Objective:	Universalization	**Unit of measurement:**	%

The IACC is intended to assess the expansion of coverage through the connection of customer units to the wastewater collection network and treatment of the wastewater systems, in compliance with the intermediary and universalization targets established in the CONTRACT (**APPENDIX II – MUNICIPAL TARGETS FOR COVERAGE THROUGH CONNECTION OF CUSTOMER UNITS TO WASTEWATER COLLECTION AND TREATMENT - CCE, BY YEAR and APPENDIX III - MUNICIPAL INTERMEDIARY AND UNIVERSALIZATION TARGETS FOR THE PROVISION OF WASTEWATER COLLECTION AND TREATMENT SERVICES - IAE, BY YEAR, FOR THE MUNICIPALITIES OF THE CONCESSION.**) and by the update of the legal framework for basic sanitation (Federal Law No. 11,445/2007, as amended by Federal Law No. 14,026/2020).

This indicator consists of the ratio between the difference of the coverage index through connection of customer units to the wastewater collection network and treatment achieved and the reference coverage index through connection of customer units to the wastewater collection network and treatment in measurement year, and the difference between the target for coverage through connection of customer units to the wastewater collection network and treatment defined in measurement year (as set forth in APPENDIX II – MUNICIPAL TARGETS FOR COVERAGE THROUGH CONNECTION OF CUSTOMER UNITS TO WASTEWATER COLLECTION AND TREATMENT - CCE, BY YEAR) and the reference coverage index through connection of customer units to the wastewater collection network and treatment in measurement year:

$$IACC = \frac{CCE_n - CERn}{MCE_n - CER_n} x\ 100$$

Where:

$\boldsymbol{CCE_n}$ = coverage index through connection of customer units to the wastewater collection network and treatment achieved in measurement year "n", resulting from the percentage calculation of the number of customer units of all property categories connected to the wastewater collection network and treatment plus the number of covered customer units of all property categories with an adequate alternative wastewater solution in locations without coverage of a public network with wastewater treatment provided for by the Infranational Regulatory Entity – ERI, divided by the total number of wastewater customer units of all property categories in the coverage area. It shall be measured according to the calculation of the coverage index through connection of the customer unit to the wastewater collection network and treatment (CCE) defined by CAGECE, in compatibility with the parameters of the wastewater coverage index (ICE) established by Reference Standard 08/2024 of the National Water and Sanitation Agency – ANA, adapted to consider in the numerator as a covered customer unit provided that the customer units have the property connection installed to the network, that is, with the availability of the building connection/connection to the user at the sidewalk and interconnected to the collection network with treatment.

$\boldsymbol{MCE_n}$ = target for coverage through connection of customer units to the wastewater collection network and treatment in measurement year "n";

$\boldsymbol{CER_n}$ = reference coverage index through connection of customer units to the wastewater collection network and treatment in measurement year "n", the calculation being carried out by considering in the numerator the customer units of all property categories connected to the wastewater collection

Indicator for Expansion of Coverage through Wastewater Connection

network and treatment plus the number of covered customer units of all property categories with an alternative wastewater solution in locations without coverage of a public network with wastewater treatment provided for by the Infranational Regulatory Entity – ERI existing at the time of issuance of the SYSTEM TRANSFER TERM, plus the increment of customer units of all property categories with coverage and connection to the wastewater collection network and treatment delivered by the works listed in EXHIBIT VIII – GRANTING AUTHORITY INVESTMENTS, considering the deadlines established for delivery of each work, divided in the denominator by the total number of wastewater customer units of all property categories in the coverage area. In the event that the covered customer units have already been delivered by any work(s) under EXHIBIT VIII – GRANTING AUTHORITY'S INVESTMENTS prior to the issuance of the SYSTEM TRANSFER TERM and have already been registered in CAGECE's commercial systems, the customer units of such completed and registered works upon issuance of the SYSTEM TRANSFER TERM shall not be added for purposes of calculation of the reference coverage. In the event of delay and non-delivery of the customer units provided for by the work(s) under the responsibility of the GRANTING AUTHORITY, within the respective completion deadlines indicated in EXHIBIT VIII – GRANTING AUTHORITY'S INVESTMENTS, the target set for the measurement year may be revised. In such case, the percentage impact of the coverage provided for by the delayed work shall be subtracted. Such subtraction shall be performed according to the following calculation: [Number of Covered customer units provided for by the relevant work as indicated in EXHIBIT VIII – GRANTING AUTHORITY'S INVESTMENTS – Number of Covered customer units partially delivered and duly registered in the commercial register referring to the work(s) indicated in EXHIBIT VIII – GRANTING AUTHORITY'S INVESTMENTS]/Number of Total customer units in the measurement year for the relevant municipality (obtained from CAGECE's commercial register). In the event that the target for coverage through connection (as indicated in APPENDIX II - MUNICIPAL TARGETS FOR COVERAGE THROUGH CONNECTION OF CUSTOMER UNITS TO WASTEWATER COLLECTION AND TREATMENT - CCE, BY YEAR) of any municipality is recalculated due to delay in a work under the responsibility of CAGECE, the coverage targets of such municipality(ies) established in APPENDIX II - MUNICIPAL TARGETS FOR COVERAGE THROUGH CONNECTION OF CUSTOMER UNITS TO WASTEWATER COLLECTION AND TREATMENT - CCE for subsequent years shall remain unchanged.

Under no circumstances shall the Covered Wastewater Customer Units executed through network works not approved in CAGECE's functionality tests or not yet included in CAGECE's register be considered in the CCEn. Such customer units shall continue to be accounted for in the Total Wastewater Customer Units variable.

Until the year 2032, for purposes of calculation of the IACC, a minimum score value for this indicator shall be admitted in the calculation of the IDU. As from the year 2033, there shall be no minimum score value, that is, the CONCESSIONAIRE shall only score if it achieves the target of 100% coverage through connection; below that, the IACC result shall be equal to 0.00% (zero).

The IACC score of the CONCESSIONAIRE shall only be considered by municipality, for purposes of calculation of the IDU and impact on the calculation of the FIXED COMPONENT, provided that the result of the Wastewater Service Index (IAE) achieved in the year of calculation of the IACC is equal to or greater than the IAE target, as set forth in APPENDIX III - MUNICIPAL INTERMEDIARY AND UNIVERSALIZATION TARGETS FOR **THE PROVISION OF WASTEWATER COLLECTION AND TREATMENT SERVICES - IAE, BY YEAR, FOR THE MUNICIPALITIES OF THE CONCESSION.**. The

Indicator for Expansion of Coverage through Wastewater Connection

IAE shall be calculated in accordance with CAGECE's methodology in force, in compliance with Reference Standard 08/2024 of the National Water and Sanitation Agency – ANA and ARCE Resolution No. 12/2025. If the IAE of the municipality(ies) in the calculation year does not meet the criteria below, it shall be deemed not achieved, equivalent to a result of 0.00% for such municipality(ies), that is, if the conditions below are not met, the IACC result(s) shall be deemed not achieved, equivalent to a result of 0.00% for the municipality(ies) in which noncompliance with such criteria is observed):

i) from 2027 until the end of the year 2032, the IAE result in the calculation year shall be equal to or greater than 95.00% of the IAE target, as set forth in **APPENDIX III - MUNICIPAL INTERMEDIARY AND UNIVERSALIZATION TARGETS FOR THE PROVISION OF WASTEWATER COLLECTION AND TREATMENT SERVICES - IAE, BY YEAR, FOR THE MUNICIPALITIES OF THE CONCESSION.**;

ii) as from the year 2033, the IAE result in the calculation year shall be equal to 100.00% of the IAE target, as set forth in **APPENDIX III - MUNICIPAL INTERMEDIARY AND UNIVERSALIZATION TARGETS FOR THE PROVISION OF WASTEWATER COLLECTION AND TREATMENT SERVICES - IAE, BY YEAR, FOR THE MUNICIPALITIES OF THE CONCESSION.**.

The targets set forth in **APPENDIX II – MUNICIPAL TARGETS FOR COVERAGE THROUGH CONNECTION OF CUSTOMER UNITS TO WASTEWATER COLLECTION AND TREATMENT - CCE, BY YEAR** and in **APPENDIX III - MUNICIPAL INTERMEDIARY AND UNIVERSALIZATION TARGETS FOR THE PROVISION OF WASTEWATER COLLECTION AND TREATMENT SERVICES - IAE, BY YEAR, FOR THE MUNICIPALITIES OF THE CONCESSION.** shall be revisited during the approval and revisions of the addenda to the service provision contracts, whenever this results in changes to the intermediary and universalization targets for coverage through connection and wastewater service provision in the respective contracts.

The CONCESSIONAIRE shall provide wastewater services to all customer units classified under all property categories (RESIDENTIAL, COMMERCIAL, PUBLIC, PHILANTHROPIC, INDUSTRIAL, MIXED, etc.) that are served by the water supply systems operated by CAGECE within the SERVICE PROVIDER'S COVERAGE AREA, where a wastewater system has been implemented, under penalty, in the event this situation is not complied with, of application of the sanctions and penalties set forth in the CONTRACT.

The CONCESSIONAIRE shall also strictly comply with the intermediary and universalization targets set forth in APPENDIX III - MUNICIPAL INTERMEDIARY AND UNIVERSALIZATION TARGETS FOR THE PROVISION OF WASTEWATER COLLECTION AND TREATMENT SERVICES - IAE, BY YEAR, FOR THE MUNICIPALITIES OF THE CONCESSION**.** If failure to comply with the coverage through connection and service provision targets occurs in more than 01 (one) year within the interval of the last 05 (five) years, as from the SYSTEM OPERATION by the CONCESSIONAIRE, the sanctions and penalties set forth in the CONTRACT shall apply.

CAGECE Methodology - Coverage Index through Connection of Customer Units to the Wastewater Collection Network and Treatment (CCE)

Formula: CCE (%) = ECC / ETE

Indicator for Expansion of Coverage through Wastewater Connection			
➢ **Variables**: - **CCE**: index representing the percentage of of all property categories, whether occupied or unoccupied, within the service provider's coverage area, covered through the connection of the customer unit to the wastewater collection network and wastewater treatment or through an adequate alternative wastewater solution in locations without coverage of a public network with wastewater treatment provided for by the Infranational Regulatory Entity – ERI (%); - **Covered Customer Units with Wastewater Connection (ECC)**: sum of the number of customer units of all property categories (RESIDENTIAL, COMMERCIAL, PUBLIC, PHILANTHROPIC, MIXED, INDUSTRIAL, etc.) in the statuses of ACTIVE, SUSPENDED, CAPPED, CONNECTED WITHOUT INTERCONNECTION, CONNECTED WITHOUT CONDITION TO INTERCONNECT and with ACTIVE network status or covered by an adequate alternative wastewater solution in locations without coverage of a public network with wastewater treatment provided for by the Infranational Regulatory Entity – ERI, considering all property standards, except vacant properties, for the wastewater product. It should be noted that all customer units characterized as having a water connection BILLED THROUGH ANOTHER PROPERTY shall be excluded; - **Total Wastewater Customer Units (ETE)**: sum of the number of customer units of all categories (RESIDENTIAL, MIXED, COMMERCIAL, PUBLIC, PHILANTHROPIC, INDUSTRIAL, etc.) in the statuses of ACTIVE, CAPPED, SUSPENDED, CONNECTED WITHOUT INTERCONNECTION, WITHOUT CONNECTION, WITHOUT CONDITION TO INTERCONNECT and with ACTIVE, FEASIBLE and POTENTIAL network status, considering all property standards, except vacant properties. It should be noted that all customer units characterized as having a water connection BILLED THROUGH ANOTHER PROPERTY shall be excluded.			
Term	**Minimum score value**	**Target**	
1st Measurement - Year 2032	80.00 %	100.00 %	
As from Year 2033	-	100.00 %	
Calculation Periodicity	Annual	**Data Collection Source**	CAGECE Computerized Systems
Start of test measurement	Month 1	**Body Responsible for Measurement and Inspecting of the Indicator**	Independent Verifier
Start of effective measurement	**1st Measurement** within up to 6 (six) months as from the SYSTEM OPERATION **2nd Measurement** in January/2028 with a 12 (twelve)-month cycle of	**Area / Responsible for supplying the Data**	CAGECE

Indicator for Expansion of Coverage through Wastewater Connection			
	successive measurements		

2.3.2 IAM – Indicator for Micrometering Update

Indicator for Micrometering Update (IAM)			
Category:	Measurement	**Method of measurement:**	Formula
Objective:	Service level	**Unit of measurement:**	%

This indicator assesses the up-to-dateness of the water meter stock by the number of water meters with installation time within the useful life limit established by CAGECE, according to the periods defined in the table entitled "Useful life of the water meter by capacity" set forth in EXHIBIT IV CONCESSION SPECIFICATIONS and installed water meters that, after completion of their useful life, are demonstrably meeting the metrological conditions defined in an Inmetro Ordinance in force. This indicator shall be calculated by municipality.

The volume of water measured at each connection within the SERVICE COVERAGE AREA, and consequently the base volume for wastewater billing, is directly related to the age of the water meter stock, since these are meters that may undergo wear (except ultrasonic meters) with use over time and may lose precision in measuring the volume of water in the connection where they are installed, especially when subject to reduced flows, resulting in undermeasurement. Therefore, it is necessary for the CONCESSIONAIRE to keep the water meter stock updated according to the useful life indicated for the equipment, thus reducing apparent losses.

This indicator consists of the ratio between the number of installed water meters within their useful life plus the installed water meters that, after completion of their useful life, are demonstrably meeting the metrological conditions defined in an Inmetro Ordinance in force, and the total number of installed water meters. It shall be measured based on CAGECE's commercial register.

$$IAM = \frac{IA_{1,5} + IA_{\geq 3,5} + IA_{\geq 10} + IA_{2,5} + IA_{\geq 2,5*}}{TH_{1,5} + TH_{\geq 3,5} + TH_{\geq 10} + TH_{2,5} + TH_{\geq 2,5*}} \times 100$$

Where:

$\boldsymbol{IAM}$ – Indicator for Micrometering Update

$\boldsymbol{IA_{1,5}}$ – Number of velocity water meters (Qn 1.5m^3/h) within acceptable age

$\boldsymbol{TH_{1,5}}$ – Total number of velocity water meters (Qn 1.5m^3/h)

$\boldsymbol{IA_{\geq 3,5}}$ – Number of velocity water meters (Qn ≥3.5m^3/h) within acceptable age

$\boldsymbol{TH_{\geq 3,5}}$– Total number of velocity water meters (Qn ≥3.5m^3/h)

$\boldsymbol{IA_{\geq 10}}$ – Number of velocity water meters (Qn ≥10m^3/h) within acceptable age

$\boldsymbol{TH_{\geq 10}}$ – Total number of velocity water meters (Qn ≥10m^3/h)

$\boldsymbol{IA_{2,5}}$– Number of volumetric water meters (Q3 2.5m^3/h) within acceptable age

$\boldsymbol{TH_{2,5}}$ – Total number of volumetric water meters (Q3 2.5m^3/h)

$\boldsymbol{IA_{\geq 2,5*}}$– Number of ultrasonic water meters (Q3 ≥2.5m^3/h) within acceptable age

$\boldsymbol{TH_{\geq 2,5*}}$ – Total number of ultrasonic water meters (Q3 ≥2.5m^3/h)

Indicator for Micrometering Update (IAM)
Installed water meters that, after completion of their useful life, the CONCESSIONAIRE is able to demonstrate to CAGECE as meeting the metrological conditions defined in an Inmetro Ordinance in force shall be deemed to be within acceptable age. In the IGAM result, a reduction factor shall be applied in the event of noncompliance with the response deadlines for corrective maintenance, as calculated for the lot. Such condition is intended to minimize the occurrence of micrometering and reading errors, since the proper condition, installation and management of the water meter stock are not ensured in the event of noncompliance with the maximum deadlines established for execution of the corrective replacement services of water meters, pursuant to the provisions set forth in EXHIBIT IV – CONCESSION SPECIFICATIONS. $$IGAM\ Reduction\ Factor\ (\%) = \frac{OFP}{OT}\ x\ 100$$ **Where:** OFP – Number of service orders for corrective replacement of water meters completed after the term for the lot in the measurement year; OT – Total number of service orders for water meter replacement requested for the lot in the measurement year.

Term	**Minimum score value**	**Target**	
Year 1	85.00%	90.00%	
As from Year 2	95.00%	100.00%	
Calculation Periodicity	Annual	**Data Collection Source**	CAGECE Computerized Systems
Commencement of test measurement	Month 1	**Body Responsible for Measurement and Inspection of the Indicator**	Independent Verifier
Commencement of effective measurement	Month 13	**Area / Responsible for supplying the data**	CAGECE

2.3.3 IFR – Indicator for Frauds

Indicator for Frauds (IFR)			
Category:	Commercial	**Method of measurement:**	Formula
Objective:	Service level	**Unit of measurement:**	Frauds / 1,000 covered water connections

It consists of the ratio between the number of frauds or illegal connections identified and remedied throughout the water supply systems and the number of covered water connections in the municipalities of the Lot.

It is intended to improve commercial efficiency and combat losses in distribution. The number of frauds directly affects the volume billed in water connections (and consequently wastewater connections) throughout the system. The remediation of frauds and illegal connections improves the economic and financial balance of the contracts through the reduction of apparent losses.

$$IFR = \frac{FR}{NLA} \text{ x } 1000$$

Where:

IFR – Indicator for Frauds and Illegal Connections;

FR - Total number of frauds and illegal connections identified and remedied in water connections in the last 12 months;

NLA - number of covered water connections (active, billed through another property, suspended, suppressed, cut off, feasible) on the last day of the month.

The actions for investigation, verification and remediation of frauds, including complaints, shall be distributed by municipality according to the criteria defined in EXHIBIT IV – CONCESSION SPECIFICATIONS, which shall consider the annual evolution of the Water Distribution Loss Index per Connection (IPL) for each municipality based on the targets to be defined by the GRANTING AUTHORITY and in compliance with the definitions and requirements of the rules of the regulatory agencies.

Within a maximum interval of up to 05 (five) years, all connections shall be verified, distributed according to the mandatory minimum percentage of 20% of verifications of the total number of connections annually. If the CONCESSIONAIRE carries out verification in more than 20% of the connections in a year, the remaining percentage to complete the 100% sweep of the current five-year cycle shall be distributed in proportional percentages over the remaining years.

Additionally, as set forth in EXHIBIT IV – CONCESSION SPECIFICATIONS, considering the distinct conditions and characteristics of particular losses of each municipality, greater efforts shall be made in municipalities with higher losses or that have not achieved the loss targets established between CAGECE and the Municipalities, without, however, reducing the total target of the Lot. The service

<table>
<tr><th colspan="4">Indicator for Frauds (IFR)</th></tr>
<tr><td colspan="4">target adjustment factors vary according to the IPL of the municipality, as set forth below, and the CONCESSIONAIRE shall be required to comply therewith:

• When the IPL is lower than 216 l/conn./day, the minimum IFR target for the municipality shall be 10% of the target of the Lot.

• When the IPL is equal to or greater than 216 l/conn./day and lower than 263 l/conn./day, the minimum IFR target for the municipality shall be 20% of the target of the Lot.

• When the IPL is equal to or greater than 263 l/conn./day and lower than 286 l/conn./day, the minimum IFR target for the municipality shall be 30% of the target of the Lot.

• When the IPL is equal to or greater than 286 l/conn./day and lower than 303 l/conn./day, the minimum IFR target for the municipality shall be 35% of the target of the Lot.

• When the IPL is equal to or greater than 303 l/conn./day, the minimum IFR target for the municipality shall be equal to 40% of the target of the Lot. It should be noted that the total target of the lot remains unchanged due to the reduction of the targets in municipalities with lower losses.

In the event of failure to comply with the minimum IFR target by municipality, a reduction factor shall be applied to the IFR result by lot, applied according to the percentage calculated between the sum of the urban population of the municipalities that did not achieve their targets and the total urban population of the relevant lot.</td></tr>
<tr><td colspan="2">Minimum score value</td><td colspan="2">Target</td></tr>
<tr><td colspan="2">30.00</td><td colspan="2">90.00</td></tr>
<tr><td>Calculation Periodicity</td><td>Monthly</td><td>Data Collection Source</td><td>CAGECE Computerized Systems</td></tr>
<tr><td>Commencement of test measurement</td><td>Month 1</td><td>Body Responsible for Measurement and Inspection of the Indicator</td><td>Independent Verifier</td></tr>
<tr><td>Commencement of effective measurement</td><td>Month 13</td><td>Area / Responsible for supplying the data</td><td>CAGECE and CONCESSIONAIRE</td></tr>
</table>

2.3.4 IEX – Indicator for Wastewater Network Overflows

Indicator for Wastewater Network Overflows (IEX)			
Category:	Operational	**Method of measurement:**	Formula
Objective:	Service level	**Unit of measurement:**	Overflows / Km of wastewater collection network

This indicator consists of the ratio between the number of overflows in collection networks and the length of the networks, in kilometers.

Overflows are correlated with preventive maintenance against blockages and corrective maintenance when they occur; the responsibility for reducing the indexes shall lie with the CONCESSIONAIRE, through the improvement of the operation and maintenance services of the collection network.

$$IEX = \frac{QE}{CR}$$

Where:

IEX – Indicator for Wastewater Network Overflows;

QE - Total number of times in the month, including repeated records for the same event, received from any person or source, in which overflows were recorded in the wastewater collection network and outfalls for network unclogging and connection services in CAGECE's commercial systems, with network unclogging and connection services being considered. This also includes records initiated by the service provider itself. In cases of records of network and connection blockages that do not fall within this activity, they may be excluded from the calculation of the indicator, provided that the CONCESSIONAIRE justifies and proves to CAGECE that they do not concern network unclogging and connection services. In the case of a municipality served by more than one system, the information from the various systems shall be added together.

CR - Total length of the wastewater collection network operated by the CONCESSIONAIRE, in kilometers, on the last day of the month, including collection networks (conventional and condominium), trunk collectors, gravity outfalls and interceptors, excluding building connections and pumping outfalls, as existing in CAGECE's technical register.

Term	Minimum score value	Target
Year 1	0.50 (municipalities of Lots 1, 3 and 5) 1.00 (municipalities of Lots 2 and 4)	0.30 (all municipalities)
Year 2	0.40 (municipalities of Lots 1, 3 and 5) 0.70 (municipalities of Lots 2 and 4)	0.20 (all municipalities)
Year 3	0.30 (municipalities of Lots 1, 3 and 5) 0.40 (municipalities of Lots 2 and 4)	0.10 (all municipalities)
Year 4 – Year 28	0.02 (all municipalities)	0.01 (all municipalities)

Calculation Periodicity	Monthly	**Data Collection Source**	CAGECE Computerized Systems
Commencement of test measurement	Month 1	**Body Responsible for Measurement and Inspection of the Indicator**	Independent Verifier
Commencement of effective measurement	Month 7	**Area / Responsible for supplying the data**	CAGECE

2.3.5 IDRE – Indicator for Average Duration of Repairs of Wastewater Overflows

Indicator for Average Duration of Repairs of Wastewater Overflows (IDRE)			
Category:	Operational	**Method of measurement:**	Formula
Objective:	Service level	**Unit of measurement:**	Hours / overflows

This indicator consists of the ratio between the average duration of repairs of wastewater overflows in collection networks and the number of wastewater overflows recorded in the reference month.

It is intended to measure the time spent from the recording of the complaint by the USER and by CAGECE until the effective repair of the wastewater overflow in the collection network.

The time required to eliminate overflows in the wastewater collection network is correlated with efficiency in carrying out corrective repairs when they occur; responsibility for reducing the indexes shall lie with the CONCESSIONAIRE, through the improvement of the operation and maintenance services of the collection network.

$$IDRE = \frac{DE}{QE}$$

Where:

IDRE - Indicator for Average Duration of Repairs of Wastewater Overflows;

DE - Total number of hours spent in the month on the set of actions to solve overflow problems recorded in the wastewater collection network for network unclogging and connection services, from the first complaint by the USER and by CAGECE to the service provider until completion of the repair, including repetitions;

QE - Total number of overflows in the wastewater collection network (collection network, trunk collector, outfall, wastewater pumping stations (WPS), etc.) recorded for the network unclogging service in the month, with network unclogging services being considered. In cases of records of network unclogging that do not fall within this activity, they may be excluded from the calculation of the indicator, provided that the CONCESSIONAIRE justifies and proves to CAGECE that they do not concern network unclogging services.

In order to determine the number of services in the month for the DE and QE variables for calculation of the IDRE, only the records whose service completion term ends within the month of calculation of the indicator shall be considered. If there are requested services opened in the month of calculation and whose response term falls in the subsequent month(s), such service(s) shall be accounted for in the DE and QE variables of the month in which the completion term of the respective service(s) ends.

Term	Minimum score value	Target
Year 1 - Year 7	18.00	4.00
As from Year 8	12.00	4.00

Calculation Periodicity	Monthly	**Data Collection Source**	CAGECE Computerized Systems
Commencement of test measurement	Month 1	**Body Responsible for Measurement and Inspection of the Indicator**	Independent Verifier
Commencement of effective measurement	Month 7	**Area / Responsible for supplying the data**	CAGECE

2.3.6 ICO – Indicator for Continuity in Wastewater Pumping Stations and Wastewater Treatment Plants

Indicator for Continuity in Wastewater Pumping Stations and Wastewater Treatment Plants (ICO)			
Category:	Operational	**Method of measurement:**	Formula
Objective:	Service level	**Unit of measurement:**	%

It is intended to assess the continuity of how much of the collected wastewater is conveyed to wastewater pumping stations and wastewater treatment plants.

The CONCESSIONAIRE, in the first effective measurement of the ICO, after issuance of the SYSTEM TRANSFER TERM, shall have installed a measurement system in at least 50% of the existing WPS and WWTPs, with installation of the measurement system in 100% of the operational WPS and WWTP units by year 2. As from the second year, the indicator shall consider all existing WPS and WWTPs, in accordance with the provisions set forth in EXHIBIT IV – CONCESSION SPECIFICATIONS. Therefore, the units that do not have the infrastructure required for the measurement system (hour meter, level sensor or flow meter), for verification of overflows as from year 2 after issuance of the SYSTEM TRANSFER TERM, shall be deemed not compliant for purposes of calculation of the indicator.

$$ICO = \frac{\Sigma VAM - \Sigma VEM}{\Sigma VAM} x100$$

Where:

- **ICO** - Indicator for Continuity in Wastewater Pumping Stations and Wastewater Treatment Plants;

- **VAM** – Total monthly inflow volume: calculated based on the average flow capacity multiplied by the monthly number of hours of the WWTPs and WPS in the month (recorded by level sensors, hour meter installed in the WWTPs and WPS, mirrored in the automation system) or based on the total volume directly measured by the flow meters in the month;

- **VEM** – Total monthly overflow volume: calculated based on the average flow capacity multiplied by the number of overflow hours in the WWTPs and WPS in the month (recorded by level sensors, hour meter installed in the WWTPs and WPS, mirrored in the automation system) or based on the total overflow volume directly measured by the flow meters in the month.

Minimum score value		**Target**	
98.00%		100.00%	
Calculation Periodicity	Monthly	**Data Collection Source**	Maintenance Management System, CCO
Commencement of test measurement	Month 1	**Body Responsible for Measurement and Inspection of the Indicator**	Independent Verifier

Commencement of effective measurement	Month 13	**Area / Responsible for supplying the data**	CONCESSIONAIRE

2.3.7 IETE – Indicator for Efficiency in Wastewater Treatment

Indicator for Efficiency in Wastewater Treatment (IETE)			
Category:	Operational	**Method of measurement:**	Formula
Objective:	Service level	**Unit of measurement:**	%

This indicator assesses the level of legal compliance of the wastewater system, according to the percentage of samples compliant with the standards required by the legislation in force and by the environmental authority, in accordance with APPENDIX IV - SAMPLING PLAN.

$$IETE = \frac{NTE_{Conf}}{NTE} \times 100$$

Where:

IETE – Indicator for Efficiency in Wastewater Treatment;

NTEConf – Total number of effluent samples at the treatment outlet with all analyzed parameters in compliance in the month;

NTE – Total number of effluent samples at the treatment outlet provided for in the sampling plan in the month.

The schedules for collection of the samples for calculation of the Indicator for Efficiency in Wastewater Treatment shall be previously communicated to CAGECE by the 20th day of the month prior to the month of calculation, with date and time carried out on a business day and within business hours between 08:00 a.m. and 05:00 p.m., except for the daily frequency analyses, which shall be carried out also on weekends and holidays. The results of the analyses of the effluent samples shall be sent to CAGECE by the 15th day of the subsequent month.

If, on the scheduled date, it is not possible to carry out collection at the treatment outlet, upon justification and proof submitted to the GRANTING AUTHORITY within a maximum period of up to 24 hours from the scheduled date, the CONCESSIONAIRE shall carry out collection on another date within the same month and shall previously inform CAGECE of the new expected date. In the event that the CONCESSIONAIRE does not carry out any scheduled collection in the month, the number of samples provided for in the sampling plan for the station shall be accounted for in the indicator and deemed non-compliant.

Samples shall only be deemed compliant when all parameters analyzed in such sample meet the standards of the legislation in force.

Further conditions, parameters and/or effluent discharge standards may be required by the environmental authority, and therefore the CONCESSIONAIRE shall comply with the requirements of the environmental authority and shall not limit itself only to the Sampling Plan initially established.

Indicator for Efficiency in Wastewater Treatment (IETE)			
The analyses of the samples that will form part of the calculation of the indicator for efficiency in wastewater treatment shall be carried out by laboratories with ISO 17025 accreditation for all parameters to be analyzed. CAGECE and the INDEPENDENT VERIFIER may carry out counterproof collections and analyses, concurrently with the CONCESSIONAIRE, for purposes of oversight and demonstration of results for measurement of the indicator. In the event of divergences between the results of the collected samples, the results of the samples collected and analyzed by CAGECE shall prevail.			
Minimum score value		**Target**	
90.00%		100.00%	
Calculation Periodicity	Monthly	**Data Collection Source**	Laboratory Analysis Reports of the CONCESSIONAIRE or of a third party
Commencement of test measurement	Month 1	**Body Responsible for Measurement and Inspection of the Indicator**	Independent Verifier
Commencement of effective measurement	Month 7	**Area / Responsible for supplying the data**	CONCESSIONAIRE

2.3.8 IRA – Environmental Regularity Indicator

Environmental Regularity Indicator (IRA)			
Category:	Operational	**Method of measurement:**	Formula
Objective:	Service level	**Unit of measurement:**	%

Environmental regularity is intended to measure the percentage of Wastewater Systems/Operational Units with environmental licenses in force that comply with the environmental conditions within the applicable deadline, considering both the implementation and operation phases of the systems (Preliminary License, Installation License, Installation and Expansion License, Installation and Operation License, Simplified License, Single Environmental License, License by Adhesion and Commitment, Environmental Regularization License and Operation License, etc.).

The Wastewater Operational Units may include wastewater treatment plants, wastewater pumping stations or any other equipment for which environmental licensing may be individually required by the competent environmental authority, and may fall within cases in which licensing is required separately and not as a single license for the entire wastewater system.

The IRA equation is defined by the number of Wastewater Systems/Operational Units with environmental licenses in force and all conditions duly complied with, divided by the total number of Wastewater Systems/Operational Units requiring environmental licensing:

$$IRA = \frac{NSLAV}{NTS} x100$$

Where:

IRA – Environmental Regularity Indicator;

NSLAV - Number of Wastewater Systems/Operational Units with licensing and environmental conditions in force within the deadline(s) established in the license(s);

NTS - Total number of Wastewater Systems/Operational Units that require environmental licensing.

It should be noted that, with respect to the licensing and environmental regularity status of the Wastewater Systems/Operational Units existing up to the issuance of the SYSTEM TRANSFER TERM, the variables for calculation of the IRA indicator shall be accounted for in accordance with the criteria and grace periods established in the table below, which sets forth guiding measures with grace periods for obtaining and/or maintaining the environmental licensing of such systems/units:

Environmental Regularity Indicator (IRA)

Situation	Grace period for licensing or deactivation	Action	No. of systems / Units ([1])
Licensed systems/units that already comply with the quality standard required by environmental legislation	Until the ISSUANCE OF THE SYSTEM TRANSFER TERM	Maintain the quality standard and the environmental license	43 systems (Lot 1: 10 systems; Lot 2: 06 systems; Lot 3: 06 systems; Lot 4: 09 systems; Lot 5: 12 systems)
Systems/units that do not comply with the quality standard, but have technologies capable of doing so through improvements and adjustments ([2])	12 months (6 months to apply and up to 12 months to obtain the license) as from the ISSUANCE OF THE SYSTEM TRANSFER TERM	Carry out improvements and/or operational adjustments and achieve the quality standard in order to apply for, obtain and maintain the environmental license	15 systems (Lot 1: 01 system; Lot 2: 03 systems; Lot 3: 05 systems; Lot 4: 02 systems; Lot 5: 04 systems)
Situation	**Grace period for licensing or deactivation**	**Action**	**No. of systems / Units ([1])**
Systems/units that do not have technologies capable of complying with the discharge standard and for which no deactivation is planned	2 years as from the ISSUANCE OF THE SYSTEM TRANSFER TERM	Readjust or carry out improvements and/or operational adjustments and achieve the quality standard in order to apply for, obtain and maintain the environmental license	02 systems (Lot 1: 01 system; Lot 2: 01 system)
Systems/units that have or do not have technologies capable of complying with the standard, with deactivation planned	According to the DEACTIVATION SCHEDULE OF WASTEWATER SYSTEMS/OPERATIONAL UNITS	Deactivate, notify the environmental authority and comply with the remediation actions required by it	34 systems (Lot 1: 01 system; Lot 2: 11 systems; Lot 3: 04 systems; Lot 4: 05 systems; Lot 5: 13 systems)

Note ([1]): Quantity based on information/data for April/2025;
Note ([2]): Anaerobic systems followed by post-treatment (anaerobic or aerobic); stabilization ponds with at least 2 maturation units; anaerobic systems followed by polishing pond, activated sludge and other secondary-level or higher technologies;
Note ([3]):the Wastewater Systems/Operational Units shall not be considered for purposes of calculation of the IRA while they remain within the grace period according to the criteria indicated in the table above, except in cases where some of such Wastewater Systems/Operational Units obtain the environmental license within the grace period.

For purposes of calculation of the IRA indicator, the CONCESSIONAIRE shall submit to CAGECE the DEACTIVATION SCHEDULE OF WASTEWATER SYSTEMS/OPERATIONAL UNITS, as defined in EXHIBIT IV – CONCESSION SPECIFICATIONS.

Environmental Regularity Indicator (IRA)			
A score shall only be assigned for this indicator when the result is equal to 100%. Compliance with the conditions that do not have deadlines established in the license shall be measured quarterly, that is, if there is noncompliance with any condition within the established calculation period, the license shall be deemed not complied with.			
Target			
100.00%			
Calculation Periodicity	Quarterly	**Data Collection Source**	CONCESSIONAIRE's environmental licensing system
Commencement of test measurement	Month 1	**Body Responsible for Measurement and Inspection of the Indicator**	Independent Verifier
Commencement of effective measurement	Month 7	**Area / Responsible for supplying the data**	CONCESSIONAIRE

2.3.9 IEP – Indicator for Efficiency in Service Response Times

Indicator for Efficiency in Service Response Times (IEP)			
Category:	Operational	**Method of measurement:**	Formula
Objective:	Service level	**Unit of measurement:**	%

Efficiency in service provision is important to promote user adherence and ensure the desired level of satisfaction and service by the CONCESSIONAIRE. The objective is to improve the level of service provision requested by users and by CAGECE.

The CONCESSIONAIRE shall comply with the current deadlines established by CAGECE for the various services related to the CONCESSION. The table below sets forth the list of services and current deadlines that shall be considered in the calculation of the indicator:

Service Description	Deadline
REVIEW OF REGISTRATION DATA	05 BUSINESS DAYS
SUPPRESSION OF BUILDING CONNECTION	02 BUSINESS DAYS
CUT-OFF DUE TO INFRACTION	02 BUSINESS DAYS
TRANSFER OF WATER CONNECTION	05 BUSINESS DAYS
VERIFICATION OF REQUESTED SERVICE NOT EXECUTED (ASSOCIATED WITH THE SERVICES OF THE CONCESSION)	02 BUSINESS DAYS
SUPPRESSION FOR SUPPRESSED CONNECTION	02 BUSINESS DAYS
WASTEWATER CONNECTION / PARTNERSHIP CONNECTION	05 BUSINESS DAYS
RELOCATION OF THE EASEL KIT	02 BUSINESS DAYS
WASTEWATER CONNECTION	05 BUSINESS DAYS
RELOCATION OF WATER METER / EASEL KIT	02 BUSINESS DAYS
CAPPING OF THE WASTEWATER CONNECTION	01 BUSINESS DAY
CLEANING OF INSPECTION BOX	01 BUSINESS DAY
CLEANING OF MANHOLE	01 BUSINESS DAY
REPLACEMENT OF THE EASEL KIT (ASSOCIATED WITH FRAUD, RELOCATION AND WATER METER TRANSFER SERVICES)	02 BUSINESS DAYS
PAVEMENT RESTORATION	03 BUSINESS DAYS
SIDEWALK RESTORATION	03 BUSINESS DAYS
REPLACEMENT OF THE COVER OF THE WASTEWATER CONNECTION BOX	01 BUSINESS DAY
REPLACEMENT OF WASTEWATER CONNECTION WITH OR WITHOUT CHANGE OF DIAMETER	05 BUSINESS DAYS
REPLACEMENT OF THE MANHOLE COVER	01 BUSINESS DAY
VERIFICATION OF THE POSSIBILITY OF EXECUTION OF THE WASTEWATER CONNECTION	03 BUSINESS DAYS
REPLACEMENT OF THE WATER METER BOX (RELATED TO DAMAGED BOX, RELOCATION SERVICES AND WATER METER TRANSFER SERVICES)	01 BUSINESS DAY
SEALING OF WATER METER (ASSOCIATED WITH FRAUD ACTIVITIES)	03 BUSINESS DAYS
SUPPRESSION FOR CUT-OFF CONNECTION (ASSOCIATED WITH FRAUD ACTIVITIES)	60 CALENDAR DAYS

Indicator for Efficiency in Service Response Times (IEP)	
LEAK REMOVAL	01 BUSINESS DAY
LEVELING OF THE MANHOLE	01 BUSINESS DAY
TECHNICAL REPORT/OPINION	IMMEDIATE CLOSEOUT
FIELD SURVEY OF THE WASTEWATER NETWORK	05 BUSINESS DAYS
UNCAPPING OF THE WASTEWATER CONNECTION	01 BUSINESS DAY
EXPANSION OF THE WASTEWATER NETWORK	30 CALENDAR DAYS
Service Description	**Deadline**
REQUEST FOR QUOTATION FOR WASTEWATER BUILDING CONNECTION	30 CALENDAR DAYS
DISPOSAL OF DOMESTIC WASTEWATER EE-II	01 BUSINESS DAY
RELOCATION OF WASTEWATER COLLECTION NETWORK	01 BUSINESS DAY
ANALYSIS AND APPROVAL OF WASTEWATER PROJECT	30 CALENDAR DAYS
TECHNICAL FEASIBILITY STUDY FOR WASTEWATER PROJECT	30 CALENDAR DAYS
CHANGE OF WASTEWATER CONNECTION STATUS	03 BUSINESS DAYS
CAPPING FOR CAPPED CONNECTION	60 CALENDAR DAYS
WASTEWATER MEASUREMENT SYSTEM	30 CALENDAR DAYS
REVISIT TO PROPERTY WITH SUSPENDED WASTEWATER SERVICE	01 BUSINESS DAY
VERIFICATION OF WASTEWATER INTERCONNECTION	05 BUSINESS DAYS
VERIFICATION OF IRREGULARITY IN THE CONNECTION	02 BUSINESS DAYS
WASTEWATER CONNECTION FINANCING – CAGECE	05 BUSINESS DAYS
WASTEWATER INTERCONNECTION FINANCING – CAGECE	05 BUSINESS DAYS
WASTEWATER FLOW MEASUREMENT	30 CALENDAR DAYS
SUPPRESSION FOR ILLEGAL CONNECTION	60 BUSINESS DAYS
REPLACEMENT FOR MANAGEMENT OF THE WATER METER STOCK	25 CALENDAR DAYS
ASPHALT INTERVENTION FOR EXECUTION OF THE SERVICES	03 BUSINESS DAYS
INSPECTION OF THE WATER SECURITY PLAN	02 BUSINESS DAYS
SEALING OF WELL METER (ASSOCIATED WITH FRAUD ACTIVITIES)	03 BUSINESS DAYS
DISPOSAL OF DOMESTIC WASTEWATER BY SEPTIC TANK CLEANING TRUCK	01 CALENDAR DAY
CAPPING DUE TO INFRACTION	01 BUSINESS DAY
SE LIGA NA REDE PROGRAM	05 BUSINESS DAYS
CHANGE OF THE LOCATION OF INSTALLATION OF THE WATER METER	01 BUSINESS DAY
RESTORATION OF DAMAGED INSPECTION BOX	01 BUSINESS DAY
DELIVERY OF REGISTRATION CHANGE NOTICE	05 BUSINESS DAYS

$$IEP = \frac{SRP}{TSS}\ x\ 100$$

Where:
IEP – Indicator for Efficiency in Service Response Times;

Indicator for Efficiency in Service Response Times (IEP)			
SRP - Number of services provided (executed and closed out in the commercial system) within the deadline in the month; **TSS** - Number of services requested by customers and by CAGECE in the month. In cases of records of service requests that do not fall within the responsibility and activities of the CONCESSIONAIRE, they may be excluded from the calculation of this indicator, provided that the CONCESSIONAIRE justifies and proves to CAGECE that such records are not under its responsibility; In order to determine the number of services in the month for the SRP and TSS variables for calculation of the IEP, only the records whose service completion deadline ends within the month of calculation of the indicator shall be considered. If there are requested services opened in the month of calculation and whose response deadline falls in the subsequent month(s), such service(s) shall be accounted for in the SRP and TSS variables of the month in which the completion deadline of the respective service(s) ends.			
Minimum score value		**Target**	
95.00%		98.00%	
Calculation Periodicity	Monthly	**Data Collection Source**	CAGECE Computerized Systems
Commencement of test measurement	Month 1	**Body Responsible for Measurement and Inspection of the Indicator**	Independent Verifier
Commencement of effective measurement	Month 7	**Area / Responsible for supplying the data**	CAGECE

2.3.10 IRE – Indicator for Wastewater Complaints

Indicator for Wastewater Complaints (IRE)			
Category:	Operational	**Method of measurement:**	Formula
Objective:	Service level	**Unit of measurement:**	complaints / 100 active customer units

This indicator is intended to assess the number of monthly complaints relating to wastewater services and the commercial services listed below, recorded through CAGECE's and the GOVERNMENT OF THE STATE OF CEARÁ's customer service channels and addressed to the CONCESSIONAIRE, as requested by the user and by CAGECE.

It is defined by the total monthly number of wastewater and commercial service complaints addressed to the CONCESSIONAIRE, including repetitions, divided by the total number of active wastewater customer units connected to the public network.

The basket of services making up the records of complaints addressed to the CONCESSIONAIRE consists of the following services:

DESCRIPTION OF THE SERVICE/COMPLAINT
REVIEW OF REGISTRATION DATA
VERIFICATION OF UNEXECUTED BILLED WASTEWATER CONNECTION
VERIFICATION OF REQUESTED SERVICE NOT EXECUTED
UNCLOGGING OF THE WASTEWATER NETWORK
PAVEMENT RESTORATION
SIDEWALK RESTORATION
UNCLOGGING OF THE WASTEWATER CONNECTION
UNCLOGGING OF WASTEWATER CONNECTION WITH INTERNAL OVERFLOW
UNCLOGGING OF THE INTERNAL WASTEWATER INSTALLATION
REPLACEMENT OF THE COVER OF THE WASTEWATER CONNECTION BOX
REPLACEMENT OF THE MANHOLE COVER
LEVELING OF THE MANHOLE
VERIFICATION OF WASTEWATER INTERCONNECTION
PRAX OMBUDSMAN
POOR SERVICE*

* Under the POOR SERVICE service/complaint, complaints addressed to the CONCESSIONAIRE regarding the provision of wastewater services and the commercial services under its responsibility, requested through CAGECE's and the GOVERNMENT OF THE STATE OF CEARÁ's customer service channels, shall also be counted.

$$IRE = \frac{QRE}{NLE} x100$$

Where:

- **IRE**: Indicator for Wastewater Complaints;

- **Quantity of complaints (QRE)**: Quantity of complaints relating to the wastewater system and the provision of COMMERCIAL MANAGEMENT services in the month, including repetitions. All complaints indicated above, recorded by customers and by CAGECE and addressed to the service

Indicator for Wastewater Complaints (IRE)			
provider, originating from the customer service channels of CAGECE and of the GOVERNMENT OF THE STATE OF CEARÁ, shall be computed, including complaints deemed grounded, ungrounded, attended to or not attended to, among others. In cases of complaint records that do not fall within the responsibility and activities of the CONCESSIONAIRE, they may be excluded from the calculation of this indicator, provided that the CONCESSIONAIRE justifies and proves to CAGECE that such complaints are not under its responsibility. - **NLE**: Number of active customer units in the status of active network and active wastewater connection on the last day of the reference month.			
Minimum score value		**Target**	
1.50%		1.00%	
Calculation Periodicity	Monthly	**Data Collection Source**	CAGECE Computerized Systems
Commencement of test measurement	Month 1	**Body Responsible for Measurement and Inspection of the Indicator**	Independent Verifier
Commencement of effective measurement	Month 7	**Area / Responsible for supplying the data**	CAGECE

2.4 Measurement by Municipality

The universalization, general micrometering update and operational indicators will be measured by MUNICIPALITY in order to ensure that the overall target is not achieved to the detriment of the specific targets of each city, except for the IFR Indicator, which shall be measured by Lot.

The measurement of the indicators by municipality shall occur as from the commencement of operation.

2.5 Assignment of Responsibilities

The evaluation process is composed of three entities and encompasses the measurement, monitoring and verification of the indicators, as listed below:

- **CONCESSIONAIRE**: Responsible for carrying out the measurements of the variables under its responsibility and providing the information to the INDEPENDENT VERIFIER and to CAGECE whenever necessary.
- **CAGECE**: Responsible for monitoring the performance of the CONCESSIONAIRE, and shall request and receive additional information from the CONCESSIONAIRE whenever the need for such information is verified, carry out the measurements of the variables under its responsibility and provide the necessary information to the INDEPENDENT VERIFIER.
- **INDEPENDENT VERIFIER**: Without prejudice to the provisions set forth in the CONTRACT, this is a specialized company responsible for the verification of the data and preparation of the indicator report, as well as for the necessary field investigations. It is a company not affiliated with the CONCESSIONAIRE, which shall verify the process and the accuracy of the data collection to be provided by the CONCESSIONAIRE and by the GRANTING AUTHORITY, validating the performance achieved over a given period of time independently.

3. PERFORMANCE MEASUREMENT SYSTEM

The analysis of an indicator in isolation and out of context may lead to incorrect or distorted measurements. Therefore, it is recommended that indicators be analyzed as a whole and associated with the context in which they are inserted.

Accordingly, in order to synthetically reflect the most relevant aspects of the quality of the services provided by the CONCESSIONAIRE, a methodology was defined to consolidate the calculation of the operational indicators and of the performance indicator based on the set of indicators presented in this document.

For calculation by the CONCESSIONAIRE of the Wastewater System Universalization Indicator – IDU, the General Indicator for Micrometering Update – IGAM and the Operational Performance Indicator – IDO, the guidelines set forth below shall be observed:

- a grace period of up to 6 (six) months, counted from the issuance of the SYSTEM TRANSFER TERM, is hereby established for the purposes of calculating and applying any contractual penalties arising from the calculation of the IDU. In this context, the first effective measurement of the IDU shall occur within up to six (6) months following the issuance of the SYSTEM TRANSFER TERM, and such period may be shorter if the CONCESSIONAIRE formally requests the advancement of the measurement. The result of the IDU shall produce effects on the FIXED COMPONENT of the MONTHLY FINANCIAL CONSIDERATION only as from such first effective measurement, such that, prior to its calculation, no payment of the FIXED COMPONENT shall be made. In the first measurement, to be carried out in 2027, the amount due for the FIXED COMPONENT in that year shall be apportioned over the number of remaining months between the date of the measurement and December 2027. The second effective measurement, in turn, shall be carried out in January 2028, and subsequent measurements shall occur in twelve (12)-month cycles.
- with respect to the IGAM, the impact of the calculation of the indicator shall apply to the FIXED COMPONENT only as from the 13th month after the

issuance of the SYSTEM TRANSFER TERM, a grace period of 12 months being established as from the issuance of the SYSTEM TRANSFER TERM;

- a grace period of 6 months as from the issuance of the SYSTEM TRANSFER TERM shall be established for application of the Operational Performance Indicator – IDO to the VARIABLE COMPONENT of the MONTHLY FINANCIAL CONSIDERATION, except for the IFR and ICO indicators, which have a grace period of 12 (twelve) months. During the grace period, full compliance with the IDO shall be deemed to have occurred for purposes of payment of the VARIABLE COMPONENT.

For purposes of calculation of the IDO, only the IFR Indicator shall be measured by Lot. All other operational performance and availability indicators, for purposes of calculation of the IDO, IDU and IGAM, shall be measured by municipality.

It is further recorded that the CONCESSIONAIRE has the duty to issue reports containing the calculation of the indicators as from the commencement of operation.

3.1 IDU – Wastewater System Universalization Indicator

Description

The IDU shall reflect compliance with the targets for expansion of coverage through wastewater connection of the SYSTEM in the municipalities included in LOT [•] of the CONCESSION AREA. It is a number between 0.00% (zero percent) and 100.00% (one hundred percent), calculated as a function of the increase in covered customer units connected to the collection network, and directly impacts the FIXED COMPONENT of the MONTHLY FINANCIAL CONSIDERATION.

The IDU is calculated based on the targets for coverage through connection to wastewater collection and treatment, reflecting their annual increase. The above targets shall comply with the specifications set forth in APPENDIX II – MUNICIPAL TARGETS FOR COVERAGE THROUGH CONNECTION OF CUSTOMER

UNITS TO WASTEWATER COLLECTION AND TREATMENT - CCE, BY YEAR, which establishes the annual intermediary target for coverage through connection in the municipalities of the CONCESSION AREA of LOT [•] for which the wastewater collection and treatment infrastructure shall be available, connected and operational.

In order to ensure compliance with these targets, the CONCESSIONAIRE shall invest both in the implementation/expansion of the collection and treatment systems to make wastewater services available to USERS who currently do not have them, and in the vegetative growth of the system, so as to ensure that the increase in population is accompanied throughout the CONCESSION period.

For purposes of calculation of the IDU, a value equal to 0.00% (zero percent) corresponds to a situation in which compliance with the coverage through connection targets set forth in APPENDIX II – MUNICIPAL TARGETS FOR COVERAGE THROUGH CONNECTION OF CUSTOMER UNITS TO WASTEWATER COLLECTION AND TREATMENT - CCE, BY YEAR has been entirely breached. In turn, an IDU equal to 100.00% (one hundred percent) represents a situation in which compliance with the targets set forth in APPENDIX II – MUNICIPAL TARGETS FOR COVERAGE THROUGH CONNECTION OF CUSTOMER UNITS TO WASTEWATER COLLECTION AND TREATMENT - CCE, BY YEAR , as provided for the relevant period, has been fully achieved. Those municipalities that do not have an implementation target in the calculation year (that is, a CCE target equal to 0.00%), pursuant to APPENDIX II – MUNICIPAL TARGETS FOR COVERAGE THROUGH CONNECTION OF CUSTOMER UNITS TO WASTEWATER COLLECTION AND TREATMENT - CCE, BY YEAR, shall not be considered in the calculation for purposes of consolidation of the IDU.

The CONCESSIONAIRE shall also observe compliance with the targets of the Wastewater Service Index (IAE), as set forth in APPENDIX III - MUNICIPAL INTERMEDIARY AND UNIVERSALIZATION TARGETS FOR THE PROVISION OF WASTEWATER COLLECTION AND TREATMENT SERVICES - IAE, BY YEAR, FOR THE MUNICIPALITIES OF THE CONCESSION.

The IDU may not exceed 100.00% (one hundred percent) and shall be calculated with up to two decimal places in accordance with ABNT NBR 5891, or any

rule that may replace it. It shall be the result of the ratio between the increase in coverage through connection actually achieved and the increase in coverage through connection provided for the SYSTEM comprising LOT [•], weighted by the weights set forth in the table below:

Table 3 - Division of municipality weights.

Weight	Municipalities
1	Municipalities with urban population of up to 10 thousand inhabitants
5	Municipalities with urban population greater than 10 thousand and up to 25 thousand inhabitants
10	Municipalities with urban population greater than 25 thousand inhabitants

Note: For the municipality of Sobral, since CAGECE operates only the districts of Aprazível and Jaibaras, whose combined populations are less than 20 thousand inhabitants, its weight shall be considered as 1.

The IDU shall be calculated by means of the following formula:

$$IDU_n = \frac{\sum_{j=1}^{y} IACC_{n,j} x P_j}{\sum_{j=1}^{y} P_j}$$

Where:

IDU$_n$ is the Wastewater System Universalization Indicator in year "n";

"j" is each of the municipalities forming part of the CONCESSION (variable from 1 to "y");

IACC is the indicator for expansion of coverage through wastewater connection achieved in year "n" for municipality "j";

"P" is the weight of municipality "j" in the calculation of the indicator;

The IDU shall be measured up to six (6) months from the commencement of SYSTEM OPERATION by the CONCESSIONAIRE, upon execution of the SYSTEM TRANSFER TERM, taking into account the grace period set forth in this Exhibit.

The indicator shall be calculated annually and applied to the FIXED COMPONENT of the MONTHLY FINANCIAL CONSIDERATION for the 12 (twelve)

months subsequent to the measurement month, as from the 2nd effective measurement, until the IDU is calculated again, except for the first effective measurement, which shall occur within up to 6 (six) months after the commencement of SYSTEM OPERATION, and the amount due of the FIXED COMPONENT IN 2027 shall be apportioned by the number of remaining months between the first measurement and December/2027.

Alternatively, in the first 2 (two) effective measurements of the IDU, the calculation of the IACC by LOT may be admitted, after the individual calculation of the IACC and the IAE for each MUNICIPALITY. For the calculation of the IACC under this alternative, the denominator of the CCE formula shall consider the sum of the total wastewater customer units (ETE) of all Municipalities comprising the LOT.The calculation of the IACC by LOT shall take into account the CCE targets set forth in APPENDIX V – CONNECTION COVERAGE TARGETS FOR UNITS WITH WASTEWATER COLLECTION AND TREATMENT BY LOT FOR THE FIRST TWO MEASUREMENT PERIODS AND MINIMUM TARGETS UNDER THE PROGRAM CONTRACTS, as well as the following criteria:

i) Strict compliance, at the municipal level, with the wastewater coverage targets set forth in the PROGRAM CONTRACT in the first 2 (two) assessments, in accordance with the values indicated in APPENDIX V. In this case, the minimum score shall correspond to achieving 100.00% of the wastewater coverage target set forth in APPENDIX V;

ii) Compliance with the IAE result for each Municipality in the assessment year, achieving a score equal to or greater than 95.00% of the IAE target, as provided in APPENDIX III – MUNICIPAL INTERMEDIATE AND UNIVERSALIZATION TARGETS FOR WASTEWATER COLLECTION AND TREATMENT SERVICES – IAE, BY YEAR, FOR THE CONCESSION MUNICIPALITIES. This condition shall apply only to the 2nd measurement, given that there is no IAE target for the first effective measurement.

If the CONCESSIONAIRE adopts the alternative approach for the first 2 (two) assessments by LOT, in the event of non-compliance with the IAE targets (applicable to the 2nd measurement) or with the wastewater coverage targets of the PROGRAM CONTRACT at the municipal level (applicable to the 1st and 2nd measurements), in accordance with the criteria set forth above, a reduction factor shall be applied. This factor shall consider the result of the Municipality(ies) within the LOT that failed to meet the targets in relation to the total number of Municipalities in the LOT that have a wastewater coverage target greater than 0.00% in the assessment year. In this case of non-compliance, each Municipality shall be assessed individually, and the weights set forth in Table 3 shall not apply. The IDU formula for this alternative is set out below:

$$IDU_n = IACC_{n,b}\ x\ (1 - \frac{N_d}{N_t})$$

Where:

IDU_n is the Wastewater System Universalization Indicator in year "n";

"b" is the LOT comprising the CONCESSION;

$IACC_{n,b}$ is the wastewater connection coverage expansion indicator achieved in year "n" for the LOT***;***

"N_d" is the number of Municipalities within the CONCESSION for which the IAE targets or the wastewater coverage targets under the PROGRAM CONTRACT at the municipal level were not met;

"N_t" is the total number of Municipalities within the CONCESSION that have a wastewater coverage target greater than 0.00% in the year of assessment under the PROGRAM CONTRACTS.

It is reiterated that, under this alternative calculation by LOT, the IDU result shall be a value between 0.00% and 100.00%.

Such exceptionality is due to the recognition of the operational challenges associated with the initial period of contractual performance, in order to allow greater feasibility in investment planning with respect to the preparation and approval of projects, the obtaining of the necessary licenses and authorizations, and

the optimization of logistics and the procurement of inputs/materials for the execution of works in the first months.

3.2 General Indicator for Micrometering Update– IGAM

For purposes of calculation of the IGAM, a value equal to 0.00% (zero percent) corresponds to a situation in which compliance with the micrometering update targets set forth in APPENDIX I – ANNUAL TARGET OF THE PERFORMANCE INDICATORS AND OF THE MICROMETERING UPDATE INDICATOR has been entirely breached. In turn, an IGAM equal to 100.00% (one hundred percent) represents a situation in which compliance with the micrometering update targets set forth in APPENDIX I – ANNUAL TARGET OF THE PERFORMANCE INDICATORS AND OF THE MICROMETERING UPDATE INDICATOR has been fully achieved. The IGAM may not exceed 100.00% (one hundred percent) and shall be calculated with up to two decimal places in accordance with NBR 5891, or any rule that may replace it. It shall be the result of the number of water meters with installation time within the useful life limit established by CAGECE, according to the periods defined in the table entitled "Useful life of the water meter by capacity" set forth in EXHIBIT IV – CONCESSION SPECIFICATIONS comprising LOT [•], and the total number of installed water meters, weighted by the weights set forth in the table below:

Table 4 - Division of municipality weights.

Weight	Municipalities
1	Municipalities with urban population of up to 10 thousand inhabitants
5	Municipalities with urban population greater than 10 thousand and up to 25 thousand inhabitants
10	Municipalities with urban population greater than 25 thousand inhabitants

Note: For the municipality of Sobral, since CAGECE operates only the districts of Aprazível and Jaibaras, whose combined populations are less than 20 thousand inhabitants, its weight shall be considered as 1.

The IGAM shall be calculated by means of the following formula:

$$IGAM_n = \frac{\sum_{j=1}^{y} IAM_{n,j} x P_j}{\sum_{j=1}^{y} P_j} \; x \; (1 - IGAM\ Reduction\ Factor)$$

Where:

IGAM$_n$ is the General Indicator for Micrometering Update in year "n";

"j" is each of the municipalities forming part of the CONCESSION (variable from 1 to "y");

IAM is the indicator for micrometering update achieved in year "n" for municipality "j";

"P" is the weight of municipality "j" in the calculation of the indicator;

"IGAM Reduction Factor (%)"

$$IGAM\ Reduction\ Factor(\%) = \frac{OFP}{OT} \; x \; 100$$

Where:

OFP – Number of service orders for corrective replacement of water meters completed after the deadline for the lot in the measurement year;

OT – Total number of service orders for water meter replacement requested for the lot in the measurement year.

The IGAM shall be measured as from the commencement of SYSTEM OPERATION by the CONCESSIONAIRE, upon signing of the SYSTEM TRANSFER TERM.

The indicator shall be calculated annually, applying to the FIXED COMPONENT of the MONTHLY FINANCIAL CONSIDERATION for the month subsequent to the measurement period, with full payment, until the IGAM is calculated again. Accordingly, the portion of the FIXED COMPONENT related to the investments in preventive replacement services for updating the water meter stock shall be remunerated annually in a single installment.

3.3 Operational Performance Indicator– IDO

The calculation procedure consists of the following steps:

1) Assignment of weights and minimum limits to the indicators;
2) Normalization of the indicators;
3) Calculation of the operational performance indicator;
4) Impact on the VARIABLE COMPONENT OF THE MONTHLY FINANCIAL CONSIDERATION.

3.3.1 Assignment of Weights to the Operational Indicators

The indicators used shall have different weights in the calculation of the Operational Performance Indicator - IDO, as set forth in the table below:

Table 5 - Weights of the indicators.

	Indicator	**Indicator Weight**	**Objective**	**Objective Weight**
1	IFR – Indicator for Frauds	10%	Reduction of Losses	10%
2	IEX – Indicator for Wastewater Network Overflows	10%	Continuity	10%
3	IDRE – Indicator for Average Duration of Repairs of Wastewater Overflows	10%		10%
4	ICO – Indicator for Continuity in Wastewater Pumping Stations (WPS) and Wastewater Treatment Plants (WWTPs)	10%		10%
5	IETE - Indicator for Efficiency in Wastewater Treatment	25%	Quality / Environment	40%
6	IRA – Environmental Regularity Indicator	15%		
7	IRE - Indicator for Wastewater Complaints	10%	User Satisfaction	20%
8	IEP – Indicator for Efficiency in Service Response Times	10%		
	Total	**100%**	**Total**	**100%**

It should be noted that compliance with the performance indicator targets, in addition to impacting the FINANCIAL CONSIDERATION to be charged by the CONCESSIONAIRE, constitutes an incentive for the CONCESSIONAIRE to comply with the legal requirements imposed by inspecting bodies. This is due to the fact that, in many cases, the penalties to be applied do not have a relevant financial

impact on the CONCESSIONAIRE, whereas, by linking the FINANCIAL CONSIDERATION to these aspects, there comes to be an overall financial impact for noncompliance with the law.

3.3.2 Normalization

Considering that the reference values/performance targets of the IDO differ among the indicators, it is necessary to normalize them so that they are on the same basis for comparison.

The formula for normalization of the indicators is set forth below:

$$IDO_m^{Norm} i_j = \frac{X_{ID} - X_{mp}}{X_{meta} - X_{mp}}$$

Where:

$\boldsymbol{IDO_m^{Norm} i_j}$ **–** normalized Operational Performance Indicator "i" for month "m".

"j" is each of the municipalities forming part of the CONCESSION (variable from 1 to "y")

$\boldsymbol{X_{ID}}$ – Measured value of Performance Indicator "i".

$\boldsymbol{X_{mp}}$ – Minimum possible score value of Performance Indicator "i".

$\boldsymbol{X_{meta}}$– Target value of Performance Indicator "i".

The indicators measured in each period shall be entered in the table below in order to generate the respective normalized values based on the worst possible values and target values established for each indicator.

For some indicators, the worst-case scenario would be to maintain the current situation; therefore, in such cases, the minimum score value shall not be 0.00%.

Table 6 - Normalization of the indicators

Item	Indicator	Indicator Value (X_{id})	Minimum Score Value (X_{pp})	Target Value (X_{meta})	Normalized Value
1	IFR		30.00	90.00	
2	IEX		**Year 1** 0.50 (municipalities of Lots 1, 3 and 5); 1.00 (municipalities of Lots 2 and 4); **Year 2** 0.40 (municipalities of Lots 1, 3 and 5); 0.70 (municipalities of Lots 2 and 4); **Year 3** 0.30 (municipalities of Lots 1, 3 and 5); 0.40 (municipalities of Lots 2 and 4); **Year 4 – Year 28** 0.02 (all municipalities).	**Year 1** 0.30 (all municipalities) **Year 2** 0.20 (all municipalities) **Year 3** 0.10 (all municipalities) **Year 4 – Year 28** 0.01 (all municipalities)	
3	IDRE		**Year 1 – Year 7** 18.00 **Year 8 – Year 28** 12	4.00	
4	ICO		98.00%	100.00%	
5	IETE		90.00%	100.00%	
6	IRA		-	100.00%	
7	IEP		95.00%	98.00%	
8	IRE		1.50%	1.00%	

If the normalized value exceeds 100%, in which case$X_{ID} > X_{Meta}$, full compliance with the target shall be deemed to have occurred and, therefore, $IDO_m^{Norm} i_j$ shall be equal to 1.00. If the normalized value is lower than 0, $IDO_m^{Norm} i_j$ shall be equal to 0.00.

3.3.3 Calculation of the IDO

After normalization, it is also necessary to calculate the sum of all normalized indicators of the Municipalities, the calculation of the IDO being performed only for those municipalities that have an implemented wastewater system. Such sum, except for the IFR Indicator, shall be calculated considering the following weights:

Table 7 - Division of municipality weights.

Weight	Municipalities
1	Municipalities with urban population of up to 10 thousand inhabitants
5	Municipalities with urban population greater than 10 thousand and less than 25 thousand inhabitants
10	Municipalities with urban population greater than 25 thousand inhabitants

Note: For the municipality of Sobral, since CAGECE operates only the districts of Aprazível and Jaibaras, whose combined populations are less than 20 thousand inhabitants, its weight shall be considered as 1.

The IDO shall be calculated by means of the following formula:

$$IDO_m^{Norm}i = \frac{\sum_{j=1}^{y} IDO_m^{Norm}i_j x P_j}{\sum_{j=1}^{y} P_j}$$

Where:

$\boldsymbol{IDO_m^{Norm}i}$ i is the Normalized Operational Performance Indicator "i" in month "m" of the Lot

"j" is each of the municipalities forming part of the CONCESSION (variable from 1 to "y")

"P" is the weight of municipality "j" in the calculation of the indicator, as defined in Table 7

$\boldsymbol{IDO_m^{Norm}i_j}$ is the Normalized Performance Indicator "i" in month "m" of Municipality "j"

Lastly, it shall be necessary to calculate the sum of all Operational Indicators, including the IFR, considering the weights set forth in the table below:

Table 8 - Calculation of the IDO.

Item	Indicator	Weight	Normalized and Adjusted Value
1	IFR	10%	
2	IEX	10%	
3	IDRE	10%	
4	ICO	10%	
5	IETE	25%	
6	IRA	15%	
7	IRE	10%	
8	IEP	10%	
IDO			

$$IDO_m^{Norm}\ Adjusted = \frac{\sum_{i=1}^{y} IDO_m^{Norm} i\ x\ P_i}{\sum_{i=1}^{y} P_i}$$

Where:

$\boldsymbol{IDO_m^{Norm}\ Adjusted}$ is the normalized and adjusted Operational Performance Indicator in month "m", adjusted by the weights of the indicators

$\boldsymbol{IDO_m^{Norm} i}$ is the normalized Operational Performance Indicator "i" in month "m" of the Lot;

"i" is each of the indicators comprising the IDO;

"P" is the weight of indicator "i" in the calculation of $IDO_m^{Norm}\ Adjusted$, as defined in the table above.

Lastly, it shall be necessary to calculate the sum of all Operational Indicators, including the IFR, considering the weights defined in the table above.

The normalized and adjusted IDO may not exceed 100.00% (one hundred percent) and shall be calculated with up to two decimal places in accordance with NBR 5891, or any rule that may replace it.

3.4 Indicator Report

The INDEPENDENT VERIFIER shall prepare a monthly indicator report to be analyzed by the parties. Such report shall contain:

- Detailed information on the calculation of all performance indicators, as well as on the methodology adopted for the calculation of each of them and also for their consolidation into a Performance Indicator for the relevant lot, including information at municipality and locality level, where applicable;
- Detailed historical record of each indicator, with all measurements performed in the period, including the historical record at municipality and locality level, where applicable;
- Methodology for calculation of its result and impact on the MONTHLY FINANCIAL CONSIDERATION.

The format for presentation of the report and the methodology for calculation of indicators shall be shared by the INDEPENDENT VERIFIER with the parties for approval prior to the commencement of operation, and may be modified throughout the CONCESSION if deemed necessary to make the calculation of results clearer and more accurate. Modifications shall be discussed among the PARTIES so that any financial and/or operational impact of a change in the parameters may be assessed. Modifications resulting in financial impacts may form part of a potential contractual rebalancing process.

All information obtained for the report shall mandatorily undergo a verification process to be carried out by the INDEPENDENT VERIFIER, as set forth in the CONTRACT.

4. USE OF PERFORMANCE INDICATORS FOR CALCULATION OF THE FINANCIAL CONSIDERATION

The Monthly Financial Consideration refers to the remuneration of the following factors:

- **Availability component**: the monthly amount to be charged by the CONCESSIONAIRE for remuneration of the investments related to the implementation/expansion of the services of the concession in the municipalities;
- **Demand component:** the monthly amount to be charged by the CONCESSIONAIRE for remuneration of the costs and expenses for the maintenance and operation of the wastewater systems of the municipalities and the other services of the concession, as well as for the implementation of the commercial programs, works management plan and socio-environmental programs.

The remuneration formula of the concession is set forth below:

CPM = PF + PV

Where:

CPM: MONTHLY FINANCIAL CONSIDERATION

PF: MONTHLY FIXED COMPONENT is the monthly amount for remuneration of investments

PV: MONTHLY VARIABLE COMPONENT is the monthly amount for remuneration of the costs and expenses for the expansion, maintenance and operation of the SYSTEM.

The FIXED COMPONENT shall be calculated in accordance with the following formula:

$$PF = (VF \times IDU \times C) + (QH \times VF_{hid} \times IGAM)$$

Where:

VF: is the Monthly Fixed Amount to remunerate the investments in the wastewater systems; and

IDU: is the Wastewater System Universalization Indicator, set forth in this EXHIBIT of PERFORMANCE INDICATORS AND SERVICE TARGETS of the CONTRACT. It represents the penalty factor in the event of noncompliance with the universalization targets set forth in APPENDIX II – MUNICIPAL TARGETS FOR COVERAGE THROUGH CONNECTION OF CUSTOMER UNITS TO WASTEWATER COLLECTION AND TREATMENT - CCE, BY YEAR.

Factor C: consists of the proportion of the increase in the planned coverage, in the form of covered wastewater connections, with the following Factor C values defined for:

Lot 1:

Year 1	**Year 2**	**Year 3**	**Year 4**	**Year 5**	**Year 6**	**Year 7**	**Year 8**	**Year 9**
0,0206	0,1218	0,1446	0,2513	0,3436	0,4056	0,6226	0,9807	0,9846
Year 10	**Year 11**	**Year 12**	**Year 13**	**Year 14**	**Year 15**	**Year 16**	**Year 17 – Year 28**	
0,9881	0,9911	0,9937	0,9959	0,9977	0,9991	1,0000	1,0000	

Lot 2:

Year 1	**Year 2**	**Year 3**	**Year 4**	**Year 5**	**Year 6**	**Year 7**	**Year 8**	**Year 9**
0,0127	0,1159	0,1657	0,2484	0,3283	0,4421	0,6178	0,9895	0,9919
Year 10	**Year 11**	**Year 12**	**Year 13**	**Year 14**	**Year 15**	**Year 16**	**Year 17 – Year 28**	
0,9940	0,9958	0,9972	0,9984	0,9992	0,9997	1,0000	1,0000	

Lot 3:

Year 1	**Year 2**	**Year 3**	**Year 4**	**Year 5**	**Year 6**	**Year 7**	**Year 8**	**Year 9**
0,0149	0,0612	0,0928	0,2467	0,3859	0,5460	0,7033	0,9889	0,9915
Year 10	**Year 11**	**Year 12**	**Year 13**	**Year 14**	**Year 15**	**Year 16**	**Year 17 - Year 28**	
0,9937	0,9956	0,9971	0,9984	0,9992	0,9998	1,0000	1,0000	

Lot 4:

Year 1	**Year 2**	**Year 3**	**Year 4**	**Year 5**	**Year 6**	**Year 7**	**Year 8**	**Year 9**
0,0481	0,1507	0,2430	0,3099	0,4635	0,5987	0,8209	0,9772	0,9822
Year 10	**Year 11**	**Year 12**	**Year 13**	**Year 14**	**Year 15**	**Year 16**	**Year 17 - Year 28**	
0,9865	0,9903	0,9935	0,9963	0,9987	0,9997	1,0000	1,0000	

Lot 5:

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9
0,0347	0,0992	0,2232	0,3539	0,4205	0,5072	0,6793	0,9853	0,9887
Year 10	**Year 11**	**Year 12**	**Year 13**	**Year 14**	**Year 15**	**Year 16**	**Year 17 - Year 28**	
0,9916	0,9942	0,9962	0,9977	0,9989	0,9997	1,0000	1,0000	

QH: is the number of water meters preventively replaced in the year to maintain the useful life of the water meter stock; and

VF_{hid}: is the Unit Fixed Amount for remunerating investments in the preventive maintenance of the water meter stock; and

IGAM: is the General Indicator for Micrometering Update after application of the reduction factor. It may represent a discount factor on the amount of the FIXED COMPONENT in the event of non-compliance with the IAM target in the municipalities.

The FIXED COMPONENT shall be paid monthly for remuneration of the investments in the wastewater systems, consecutively after calculation of the IDU. However, for the investments associated with the preventive replacement of the water meter stock, it shall be paid in an annual installment immediately after calculation of the IGAM, and therefore shall not be paid on a pro rata basis in the subsequent months.

Factor C as from Year 16 shall be equal to 1.00.

The VARIABLE COMPONENT shall be calculated in accordance with the following formula:

$$\mathbf{PV = (PU \times VEC \times IDO) + (PU_{SI} \times QL) - RA}$$

Where:

PU: UNIT PRICE per cubic meter (m^3) of wastewater collected and treated in wastewater systems served by collective solutions; and

VEC: Volume of wastewater collected, in cubic meters (m^3), in wastewater systems served by collective solutions, subject to the GRANTING AUTHORITY's billing rules. It is equal to the sum of the volumes collected in customer units with active wastewater connections, corresponding: (i) to 80% of the micromeasured volume

of water for customer units supplied by the public system; (ii) to the presumed volume in case of water consumption from alternative sources; (iii) to the minimum collection, in case of use of water from alternative sources as well as water supplied by the public system; and (iv) to the volume measured by private systems that have a wastewater metering system;

IDO: is the Operational Performance Indicator. It may represent a discount factor on the amount of the VARIABLE COMPONENT in the event of non-compliance;

PU$_{SI}$: UNIT PRICE per unit for the cleaning, transportation and final disposal services in wastewater systems served by ALTERNATIVE SOLUTION;

QL: number of properties served by ALTERNATIVE SOLUTION in which the CONCESSIONAIRE performed preventive cleaning, transportation and final disposal services in the month, according to the schedule and service intervals for cleaning, transportation and final disposal defined jointly with the GRANTING AUTHORITY.

RA: portion of the ADDITIONAL REVENUE shared with the GRANTING AUTHORITY.

With the purpose of establishing a contractual limit for the discount arising from the IDO, so as not to render the operation of the CONCESSIONAIRE unfeasible, a floor corresponding to 0.80 was established. Thus, for purposes of application of the IDO value to the remuneration of the CONCESSIONAIRE, the effective result arising from the formula set forth in Section 3.3.3 of this EXHIBIT shall be considered or, if such result is lower than the floor, the reference value of 0.80 shall be considered.

It is noted, however, that recurrence by the CONCESSIONAIRE in obtaining an IDO with a value effectively lower than the 0.80 floor may give rise to the application of the applicable contractual penalties, including pecuniary fine, as well as the initiation of an administrative proceeding for declaration of forfeiture of the CONTRACT, in the manner established in the contractual instrument.

APPENDIX I – TARGET OF THE PERFORMANCE INDICATORS AND OF THE MICROMETERING UPDATE INDICATOR

Table 1 - Target of the performance indicators

Year	Milestone	IFR	IAM	IEX	IDRE	ICO	IETE	IRA	IRE	IEP
Year 1	2026	90.00	90.00%	0.30	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Year 2	2027	90.00	100.00%	0.20	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Year 3	2028	90.00	100.00%	0.10	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Year 4	2029	90.00	100.00%	0.01	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Year 5	2030	90.00	100.00%	0,01	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Year 6	2031	90.00	100.00%	0.01	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Year 7	2032	90.00	100.00%	0.01	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Year 8	2033	90.00	100.00%	0.01	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Year 9	2034	90.00	100.00%	0.01	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Year 10	2035	90.00	100.00%	0.01	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Year 11	2036	90.00	100.00%	0.01	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Year 12	2037	90.00	100.00%	0.01	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Year 13	2038	90.00	100.00%	0.01	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Year 14	2039	90.00	100.00%	0.01	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Year 15	2040	90.00	100.00%	0.01	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Year 16	2041	90.00	100.00%	0.01	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Year 17	2042	90.00	100.00%	0,01	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Year 18	2043	90.00	100.00%	0.01	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Year 19	2044	90.00	100.00%	0.05	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Year 20	2045	90.00	100.00%	0.01	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Year 21	2046	90.00	100.00%	0.01	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Year 22	2047	90.00	100.00%	0.01	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Year 23	2048	90.00	100.00%	0.01	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Year 24	2049	90.00	100.00%	0.01	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Year 25	2050	90.00	100.00%	0.01	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Year 26	2051	90.00	100.00%	0.01	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Year 27	2052	90.00	100.00%	0.01	4.00	100.00%	100.00%	100.00%	1.00	98.00%
Ano 28	2053	90.00	100.00%	0.01	4.00	100.00%	100.00%	100.00%	1.00	98.00%

APPENDIX II – MUNICIPAL TARGETS FOR COVERAGE THROUGH CONNECTION OF CUSTOMER UNITS TO WASTEWATER COLLECTION AND TREATMENT - CCE, BY YEAR

Table 1 - Annual Municipal Target of the Coverage Index through Connection of Customer units to Wastewater Collection and Treatment.

Municipality	Target Value (%)																											
	1st Effective Measurement	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053
Abaiara	0.00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Acarape	44.00%	67,00%	67,00%	67,00%	67,00%	67,00%	72,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Acaraú	25.00%	25,00%	25,00%	56,00%	56,00%	56,00%	56,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Acopiara	33.00%	62,00%	62,00%	62,00%	62,00%	62,00%	62,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Alcântaras	62.00%	62,00%	62,00%	62,00%	62,00%	62,00%	88,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Altaneira	27.00%	27,00%	27,00%	27,00%	27,00%	27,00%	79,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Alto Santo	0.00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Antonina do Norte	0.00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Apuiarés	0.00%	0,00%	0,00%	0,00%	0,00%	86,00%	86,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Aracati	40.00%	44,00%	72,00%	72,00%	72,00%	72,00%	72,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Aracoiaba	0.00%	0,00%	45,00%	78,00%	78,00%	78,00%	78,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Ararendá	0.00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Araripe	0.00%	0,00%	0,00%	0,00%	45,00%	80,00%	80,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Aratuba	39.00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Arneiroz	0.00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Assaré	0.00%	0,00%	45,00%	88,00%	88,00%	88,00%	88,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Aurora	28.00%	31,00%	31,00%	31,00%	31,00%	60,00%	60,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Baixio	0.00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Barreira	42.00%	48,00%	48,00%	65,00%	65,00%	65,00%	65,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Barro	22.00%	22,00%	22,00%	22,00%	22,00%	55,00%	55,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Barroquinha	37.00%	42,00%	42,00%	42,00%	42,00%	42,00%	72,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Baturité	3.00%	73,00%	73,00%	73,00%	73,00%	73,00%	73,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Beberibe	34.00%	58,00%	58,00%	58,00%	58,00%	58,00%	58,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Bela Cruz	63.00%	77,00%	77,00%	77,00%	77,00%	77,00%	77,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Campos Sales	36.00%	61,00%	61,00%	61,00%	61,00%	61,00%	61,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Capistrano	0.00%	0,00%	0,00%	0,00%	45,00%	67,00%	67,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Caridade	0.00%	0,00%	0,00%	0,00%	67,00%	67,00%	67,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Cariré	63.00%	63,00%	63,00%	63,00%	63,00%	63,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Carnaubal	0.00%	45,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Catarina	40.00%	42,00%	42,00%	42,00%	86,00%	86,00%	86,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Catunda	0.00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Cedro	10.00%	53,00%	60,00%	60,00%	60,00%	60,00%	60,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Chaval	0.00%	0,00%	0,00%	0,00%	0,00%	0,00%	76,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Choró	0.00%	0,00%	0,00%	0,00%	0,00%	0,00%	81,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Coreaú	30.00%	42,00%	42,00%	42,00%	42,00%	42,00%	65,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%

Municipality	Target Value (%)																												
	1st Effective Measurement	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053
Crateús	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Croatá	77,00%	77,00%	77,00%	77,00%	77,00%	77,00%	77,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Cruz[1]	14,00%	14,00%	14,00%	14,00%	14,00%	54,00%	85,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Ereré	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Forquilha	68,00%	68,00%	68,00%	68,00%	89,00%	89,00%	89,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Fortim	0,00%	0,00%	0,00%	0,00%	45,00%	75,00%	75,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Frecheirinha	21,00%	21,00%	21,00%	21,00%	21,00%	21,00%	54,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
General Sampaio	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Graça	31,00%	31,00%	31,00%	31,00%	31,00%	31,00%	83,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Granjeiro	47,00%	47,00%	47,00%	47,00%	47,00%	47,00%	47,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Groaíras	0,00%	0,00%	0,00%	0,00%	45,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Guaraciaba do Norte	43,00%	65,00%	82,00%	82,00%	82,00%	82,00%	82,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Guaramiranga	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Hidrolândia	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Ibaretama	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Ibiapina	0,00%	0,00%	0,00%	45,00%	87,00%	87,00%	87,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Ibicuitinga	0,00%	0,00%	0,00%	0,00%	0,00%	62,00%	62,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Independência	50,00%	50,00%	68,00%	68,00%	68,00%	68,00%	68,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Ipaumirim	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	88,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Iracema	13,00%	13,00%	13,00%	13,00%	47,00%	76,00%	76,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Irauçuba	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	45,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Itaiçaba	0,00%	0,00%	0,00%	76,00%	76,00%	76,00%	76,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Itapipoca	53,00%	53,00%	68,00%	68,00%	68,00%	68,00%	79,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Itapiúna	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	79,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Itarema	42,00%	47,00%	47,00%	47,00%	53,00%	53,00%	53,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Itatira	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	35,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Jaguaretama	6,00%	6,00%	6,00%	48,00%	48,00%	48,00%	48,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Jaguaribara	66,00%	66,00%	66,00%	66,00%	66,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Jaguaruana	0,00%	0,00%	0,00%	45,00%	79,00%	79,00%	79,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Jati	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Jijoca de Jericoacoara[1]	51,00%	74,00%	74,00%	74,00%	74,00%	74,00%	74,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Lavras da Mangabeira	0,00%	0,00%	0,00%	45,00%	85,00%	85,00%	85,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Marco	40,00%	40,00%	40,00%	40,00%	40,00%	40,00%	63,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Martinópole	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	45,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Massapê	54,00%	57,00%	57,00%	57,00%	67,00%	67,00%	67,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Mauriti	27,00%	61,00%	61,00%	61,00%	61,00%	61,00%	61,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Meruoca	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Milagres	0,00%	53,00%	53,00%	53,00%	81,00%	81,00%	81,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Miraíma	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	79,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Mombaça	0,00%	0,00%	45,00%	77,00%	77,00%	77,00%	77,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Monsenhor Tabosa	0,00%	0,00%	0,00%	0,00%	45,00%	86,00%	86,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Moraújo	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%

Municipality	Target Value (%)																												
	1st Effective Measurement	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053
Morrinhos	0,00%	0,00%	0,00%	0,00%	0,00%	45,00%	77,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Mucambo	28,00%	29,00%	29,00%	29,00%	29,00%	57,00%	57,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Mulungu	27,00%	27,00%	27,00%	27,00%	27,00%	27,00%	27,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Novo Oriente	50,00%	50,00%	69,00%	69,00%	69,00%	69,00%	69,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Ocara	24,00%	24,00%	24,00%	56,00%	56,00%	56,00%	56,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Orós	1,00%	1,00%	1,00%	81,00%	81,00%	81,00%	81,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Pacoti	87,00%	87,00%	87,00%	87,00%	87,00%	87,00%	87,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Pacujá	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Palhano	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	45,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Palmácia	37,00%	37,00%	37,00%	37,00%	37,00%	37,00%	88,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Parambu	0,00%	0,00%	45,00%	87,00%	87,00%	87,00%	87,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Paramoti	31,00%	31,00%	31,00%	31,00%	31,00%	31,00%	80,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Penaforte	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	77,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Pentecoste	0,00%	0,00%	0,00%	45,00%	82,00%	82,00%	82,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Pereiro	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	81,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Piquet Carneiro	0,00%	0,00%	0,00%	85,00%	85,00%	85,00%	85,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Pires Ferreira	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Poranga	52,00%	52,00%	52,00%	52,00%	52,00%	71,00%	71,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Porteiras	31,00%	31,00%	31,00%	31,00%	31,00%	86,00%	86,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Potengi	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	87,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Potiretama	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Quiterianopólis	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	45,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Quixadá	59,00%	71,00%	71,00%	82,00%	82,00%	82,00%	82,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Quixeré	0,00%	0,00%	0,00%	45,00%	87,00%	87,00%	87,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Redenção	34,00%	39,00%	82,00%	82,00%	82,00%	82,00%	82,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Reriutaba	0,00%	0,00%	0,00%	0,00%	0,00%	45,00%	75,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Russas	38,00%	58,00%	61,00%	75,00%	75,00%	75,00%	75,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Saboeiro	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	79,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Salitre	25,00%	25,00%	25,00%	25,00%	25,00%	25,00%	25,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Santa Quitéria	0,00%	0,00%	45,00%	84,00%	84,00%	84,00%	84,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Santana do Acaraú	0,00%	0,00%	0,00%	45,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
São Benedito	55,00%	70,00%	70,00%	80,00%	80,00%	80,00%	80,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Senador Pompeu	0,00%	0,00%	45,00%	79,00%	79,00%	79,00%	79,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Senador Sá	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Sobral	15,00%	86,00%	86,00%	86,00%	86,00%	86,00%	86,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Tabuleiro do Norte	15,00%	15,00%	15,00%	15,00%	74,00%	74,00%	82,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Tamboril	0,00%	0,00%	0,00%	45,00%	88,00%	88,00%	88,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Tarrafas	22,00%	22,00%	22,00%	22,00%	22,00%	22,00%	22,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Tauá	47,00%	52,00%	52,00%	52,00%	52,00%	52,00%	71,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Tejuçuoca	0,00%	0,00%	0,00%	0,00%	0,00%	83,00%	83,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Tianguá	55,00%	62,00%	62,00%	62,00%	72,00%	72,00%	77,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Tururu	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	45,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%

Municipality	Target Value (%)																												
	1st Effective Measurement	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053
Ubajara	0,00%	45,00%	86,00%	86,00%	86,00%	86,00%	86,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Umari	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Umirim	0,00%	0,00%	0,00%	0,00%	45,00%	79,00%	79,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Uruburetama	0,00%	45,00%	83,00%	83,00%	83,00%	83,00%	83,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Uruoca	45,00%	45,00%	45,00%	45,00%	45,00%	45,00%	45,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Varjota	0,00%	0,00%	0,00%	0,00%	0,00%	45,00%	84,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Várzea Alegre	0,00%	45,00%	88,00%	88,00%	88,00%	88,00%	88,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Viçosa do Ceará	25,00%	36,00%	36,00%	61,00%	61,00%	61,00%	61,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%

Note (*): The universalization target established in the new legal framework of 90% in 2033 for coverage through connection of the wastewater systems shall be met by the CONCESSIONAIRE in all localities;

Note 1: The universalization target with coverage and connection of the wastewater customer unit to the wastewater collection network and treatment in the locality of Jericoacoara, in the municipality of Jijoca de Jericoacoara, and in the locality of Preá, in the municipality of Cruz, shall be maintained at 100.00% as from the year 2027 until the end of the term of the CONTRACT by the CONCESSIONAIRE. Failure to comply with the 100.00% coverage through connection target in such localities shall result in the IACC being deemed equal to 0.00% in the municipality for purposes of calculation of the IDU and application to the payment of the FIXED COMPONENT.

APPENDIX III - MUNICIPAL INTERMEDIARY AND UNIVERSALIZATION TARGETS FOR THE PROVISION OF WASTEWATER COLLECTION AND TREATMENT SERVICES - IAE, BY YEAR, FOR THE MUNICIPALITIES OF THE CONCESSION.

Table 1 - Intermediary and Universalization Targets for the Provision of Wastewater Collection and Treatment Services for the municipalities

Municipality	Target Value (%)																												
	1st EFFECTIVE MEASUREMENT	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053
Abaiara	-	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Acarape	-	46,00%	49,70%	53,40%	56,90%	60,30%	65,30%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Acaraú	-	15,50%	17,30%	19,10%	32,80%	43,50%	54,30%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Acopiara	-	20,00%	33,30%	44,00%	54,60%	57,00%	59,30%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Alcântaras	-	41,90%	46,00%	50,10%	53,90%	57,70%	61,50%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Altaneira	-	16,10%	18,20%	20,40%	22,60%	24,70%	26,80%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Alto Santo	-	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Antonina Do Norte	-	0,00%	0,00%	0,00%	0,00%	5,40%	39,10%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Apuiarés	-	0,00%	0,00%	0,00%	0,00%	0,00%	35,90%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Aracati	-	28,00%	32,70%	47,10%	58,20%	69,20%	71,70%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Aracoiaba	-	0,00%	21,80%	47,00%	63,20%	77,00%	78,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Ararendá	-	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Araripe	-	0,00%	0,00%	0,00%	13,00%	35,90%	58,20%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Aratuba	-	28,90%	51,00%	68,00%	84,90%	86,50%	88,10%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Arneiroz	-	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Assaré	-	0,00%	0,00%	17,90%	49,30%	76,10%	88,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Aurora	-	20,60%	22,50%	24,50%	26,30%	31,40%	43,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Baixio	-	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Barreira	-	22,60%	27,00%	33,70%	44,70%	54,00%	63,20%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Barro	-	13,00%	14,80%	16,60%	18,20%	22,50%	35,90%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Barroquinha	-	23,80%	26,80%	29,80%	32,80%	35,70%	40,70%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Baturité	-	2,30%	30,30%	51,30%	72,10%	72,30%	72,50%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Beberibe	-	28,70%	40,90%	50,80%	58,00%	58,00%	58,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Bela Cruz	-	41,60%	55,40%	66,70%	77,00%	77,00%	77,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Campos Sales	-	18,90%	31,30%	41,40%	51,50%	54,40%	57,40%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Capistrano	-	0,00%	0,00%	0,00%	0,00%	17,90%	49,30%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Caridade	-	0,00%	0,00%	0,00%	2,40%	37,00%	62,90%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Cariré	-	38,40%	43,30%	48,20%	52,10%	56,10%	60,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Carnaubal	-	3,20%	23,10%	52,20%	77,00%	89,50%	89,60%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Catarina	-	27,50%	30,10%	32,70%	38,20%	58,10%	73,70%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Catunda	-	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Cedro	-	8,70%	32,90%	45,60%	58,10%	58,60%	59,20%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Chaval	-	0,00%	0,00%	0,00%	0,00%	0,00%	4,10%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Choró	-	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Coreaú	-	30,40%	32,30%	34,10%	36,00%	37,80%	47,10%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Crateús	-	60,50%	67,80%	75,10%	78,80%	82,50%	86,10%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Croatá	-	36,30%	43,20%	50,10%	56,90%	63,60%	70,30%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Cruz	-	5,60%	9,90%	14,00%	14,00%	15,90%	31,70%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Ererê	-	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Forquilha	-	43,20%	47,70%	52,20%	56,00%	68,60%	79,10%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Fortim	-	0,00%	0,00%	0,00%	2,80%	21,50%	50,90%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Frecheirinha	-	13,80%	15,10%	16,50%	17,90%	19,20%	21,30%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
General Sampaio	-	0,00%	0,00%	0,00%	0,00%	35,90%	62,80%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Graça	-	15,70%	18,40%	21,20%	23,70%	26,30%	28,90%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%

Municipality	Target Value (%)																										
	1st EFFECTIVE MEASUREMENT	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053
Granjeiro	-	35,30%	37,80%	40,20%	42,70%	45,10%	47,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Groaíras	-	0,00%	0,00%	0,00%	3,90%	24,10%	52,80%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Guaraciaba Do Norte	-	27,30%	38,60%	56,00%	71,00%	81,50%	82,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Guaramiranga	-	56,20%	62,10%	68,20%	73,80%	79,40%	85,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Hidrolândia	-	0,00%	0,00%	14,10%	44,40%	67,00%	89,60%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Ibaretama	-	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Ibiapina	-	0,00%	0,00%	4,60%	25,00%	53,10%	77,20%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Ibicuitinga	-	0,00%	0,00%	0,00%	0,00%	23,60%	45,80%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Independência	-	29,40%	32,90%	43,70%	52,50%	61,30%	64,60%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Ipaumirim	-	0,00%	0,00%	0,00%	0,00%	0,00%	15,50%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Iracema	-	6,20%	7,60%	8,90%	10,10%	24,70%	53,30%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Irauçuba	-	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Itaiçaba	-	0,00%	0,00%	3,20%	37,60%	63,30%	76,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Itapipoca	-	37,30%	39,90%	48,90%	56,20%	63,50%	66,10%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Itapiúna	-	0,00%	0,00%	0,00%	0,00%	0,00%	30,10%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Itarema	-	22,10%	26,40%	30,80%	35,40%	46,80%	53,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Itatira	-	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Jaguaretama	-	3,60%	4,60%	5,50%	22,40%	35,00%	47,60%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Jaguaribara	-	56,50%	57,80%	59,30%	60,70%	62,20%	73,60%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Jaguaruana	-	0,00%	0,00%	0,00%	17,90%	49,30%	76,10%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Jati	-	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Jijoca De Jericoacoara	-	35,30%	47,30%	57,10%	66,40%	68,90%	71,40%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Lavras Da Mangabeira	-	0,00%	0,00%	15,40%	40,90%	61,50%	79,20%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Marco	-	15,50%	19,80%	24,10%	28,20%	32,30%	36,40%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Martinópole	-	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Massapê	-	36,40%	40,40%	44,40%	48,40%	55,00%	60,80%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Mauriti	-	28,70%	39,10%	47,40%	55,40%	57,20%	59,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Meruoca	-	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Milagres	-	4,00%	23,50%	38,10%	54,80%	68,50%	78,70%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Miraíma	-	0,00%	0,00%	0,00%	0,00%	0,00%	36,50%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Mombaça	-	0,00%	0,00%	17,90%	49,30%	76,10%	77,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Monsenhor Tabosa	-	0,00%	0,00%	0,00%	0,00%	17,90%	49,30%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Moraújo	-	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Morrinhos	-	0,00%	0,00%	0,00%	0,00%	15,50%	38,30%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Mucambo	-	16,90%	19,10%	21,40%	23,60%	26,60%	39,10%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Mulungu	-	15,40%	17,60%	19,80%	21,90%	24,00%	26,20%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Novo Oriente	-	33,70%	36,40%	46,60%	55,00%	63,40%	66,20%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Ocara	-	13,90%	16,20%	18,40%	32,60%	43,50%	54,50%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Orós	-	0,80%	0,80%	25,60%	50,10%	68,50%	81,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Pacoti	-	63,70%	67,60%	71,60%	75,50%	79,40%	84,60%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Pacujá	-	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Palhano	-	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Palmácia	-	24,80%	27,00%	29,10%	31,20%	33,30%	35,40%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Parambu	-	0,00%	0,00%	17,90%	49,30%	76,10%	87,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Paramoti	-	15,70%	19,00%	22,30%	24,40%	26,60%	28,70%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Penaforte	-	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Pentecoste	-	0,00%	0,00%	4,20%	23,90%	52,40%	76,70%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Pereiro	-	0,00%	0,00%	0,00%	0,00%	0,00%	7,30%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Piquet Carneiro	-	0,00%	0,00%	0,00%	35,90%	62,70%	85,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Pires Ferreira	-	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Poranga	-	25,80%	30,90%	35,90%	40,00%	44,00%	55,40%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Porteiras	-	21,60%	24,70%	27,90%	31,00%	34,20%	57,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Potengi	-	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%

Municipality	Target Value (%)																										
	1st EFFECTIVE MEASUREMENT	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053
Potiretama	-	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Quiterianópolis	-	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Quixadá	-	34,50%	42,80%	50,30%	61,60%	69,50%	78,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Quixeré	-	0,00%	0,00%	0,00%	17,90%	49,30%	76,10%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Redenção	-	19,30%	30,50%	59,80%	74,30%	82,00%	82,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Reriutaba	-	0,00%	0,00%	0,00%	0,00%	0,00%	18,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Russas	-	27,00%	36,90%	46,60%	60,70%	67,80%	73,70%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Saboeiro	-	3,60%	3,90%	4,10%	4,30%	4,50%	4,70%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Salitre	-	13,80%	15,90%	18,00%	20,10%	22,10%	24,20%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Santa Quitéria	-	0,00%	7,30%	28,60%	54,90%	77,40%	84,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Santana Do Acaraú	-	0,00%	0,00%	0,00%	17,90%	49,30%	76,10%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
São Benedito	-	30,60%	40,60%	49,20%	61,60%	68,50%	75,50%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Senador Pompeu	-	0,00%	0,00%	17,90%	49,30%	76,10%	79,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Senador Sá	-	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Sobral	-	10,30%	41,00%	64,20%	86,00%	86,00%	86,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Tabuleiro Do Norte	-	10,40%	11,10%	11,90%	12,70%	36,90%	55,30%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Tamboril	-	0,00%	0,00%	13,40%	38,80%	60,90%	79,70%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Tarrafas	-	10,60%	12,60%	14,70%	16,70%	18,60%	20,60%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Tauá	-	24,50%	34,60%	44,10%	47,20%	48,80%	50,30%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Tejuçuoca	-	0,00%	0,00%	0,00%	0,00%	0,00%	35,90%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Tianguá	-	40,00%	43,80%	47,60%	52,60%	59,40%	66,10%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Tururu	-	0,00%	0,00%	0,00%	0,00%	0,00%	8,60%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Ubajara	-	8,80%	31,30%	56,50%	78,00%	86,00%	86,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Umari	-	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Umirim	-	0,00%	0,00%	0,00%	7,00%	27,50%	52,90%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Uruburetama	-	0,00%	17,90%	49,30%	76,10%	83,00%	83,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Uruoca	-	26,30%	29,50%	32,80%	36,00%	39,20%	42,40%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Varjota	-	0,00%	0,00%	0,00%	0,00%	0,00%	18,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Várzea Alegre	-	0,70%	19,00%	49,90%	76,20%	88,00%	88,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%
Viçosa Do Ceará	-	24,80%	27,60%	36,30%	44,50%	51,40%	58,30%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%	90,00%

Note ([1]): Upon inclusion of new localities/districts in the SERVICE PROVIDER'S COVERAGE AREA, it is hereby established that the CONCESSIONAIRE shall meet the universalization targets and deadlines set forth in the new legal framework (90% target by 2033) and in the Service Provision Contracts of the municipalities.

APPENDIX IV – SAMPLING PLAN

The quality of the effluents and the treatment efficiency of the stations shall be assessed in accordance with this monitoring plan, which considers different sizes and treatment technologies. For purposes of compliance with the Indicator for Efficiency in Wastewater Treatment (IETE), the results obtained from each analysis shall be compared with the limits indicated in COEMA Resolution 02/2017 and its updates, where applicable, also considering the exceptions indicated in this text.

If any result is not in compliance with such limits, the sample as a whole shall be deemed non-compliant, even if it is formed by several collections.

The 4 treatment size classes were established, as presented in Table 1 below.

Table 1 - Classification of Wastewater Treatment Plants (WWTPs) according to size.

Class	**Flow rate (l/s)**
Micro	<=5 and Settler-digesters
Small	5<x<=50
Medium	50<x<=400
Large	>400

Note: The size of the WWTP corresponds to the average flow rate (l/s) of the basic/executive project. in the absence of a basic/executive project prepared by the CONCESSIONAIRE, the average flow rates of the existing WWTPs indicated in the conceptual engineering projects made available in the TENDER shall be used to define the Sampling Plan.

Due to the low efficiency of Settler-Digester type stations, these shall be deactivated, according to the provisions of EXHIBIT IV – CONCESSION SPECIFICATIONS, within up to 03 years for all localities. During this period, considering the efficiency that can be achieved by such technology, the conditions and standards set forth in Article 21 of CONAMA Resolution 430/2011, reproduced in Table 2, shall be adopted. The standard of COEMA Resolution 02/2017 shall be adopted only for the parameter Thermotolerant Coliforms, which shall further be replaced by *E. coli*.

Table 2 - Parameters and standards adopted for Settler-Digester type WWTPs.

Item	**Parameter**	**Standard**
1	*E. coli*	5.000
2	Total Coliforms	NA
3	Free Residual Chlorine	NA
4	BOD[1]	60% removal
5	COD[1]	60% de removal
6	Floating materials	Absent

Item	Parameter	Standard
7	pH	Between 5 and 9
8	Settleable solids	1 mL/L
9	Total suspended solids	NA
10	Hexane-soluble substances (oils and greases)	>= 100 mg/L
11	Temperature	<40°C

[1] Minimum removal efficiency of 60% according to CONAMA Resolution 430/2011 for BOD.

1. Monitoring frequency

With respect to the monitoring frequency of Settler-Digesters, the same frequency as that adopted for micro-size WWTPs (<=5 l/s), as set forth in Table 3, shall apply.

Table 3 - Parameters, standards and monitoring frequencies for Settler-Digesters and micro-size WWTPs (<=5 l/s).

Item	Parameter	Raw	Treated
1	*E. coli*		Monthly
2	Total Coliforms		Monthly
3	Free Residual Chlorine		Monthly
4	BOD	Monthly	Monthly
5	COD	Monthly	Monthly
6	Floating materials		Monthly
7	pH		Monthly
8	Settleable solids		Monthly
9	Total suspended solids	Monthly	Monthly
10	Hexane-soluble substances (oils and greases)		Monthly
11	Temperature		Monthly

For small-size WWTPs (between 5 and 50 L/s), the parameters indicated in Table 4 shall be monitored at the frequencies established therein.

Table 4 - Parameters and Monitoring Frequencies – Small Size.

Item	Parameter	Raw	Treated
1	*E. coli* [3]		Monthly
2	Total Coliforms		Monthly
3	Conductivity [2]		Monthly
4	Free Residual Chlorine [4]		Monthly
5	Filtered BOD [5]		Monthly
6	BOD	Monthly	Monthly
7	Filtered COD [5]		Monthly
8	COD	Monthly	Monthly
9	Total Phosphorus [1]		Quarterly
10	Floating materials		Monthly
11	Oils and Greases		Monthly
12	Dissolved oxygen [5]		Monthly
13	Ammoniacal nitrogen [1]		Quarterly
14	Nitrate [1]		Quarterly
15	Nitrite [1]		Quarterly
16	pH		Monthly
17	SAR (Sodium Adsorption Ratio) [2]		Monthly
18	Settleable solids		Monthly
19	Total suspended solids	Monthly	Monthly
20	Sulfide		Monthly
21	Temperature		Monthly

[1] Protection of the water sources to be indicated by CAGECE during the term of the CONTRACT.

[2] For WWTPs with discharge into the soil, electrical conductivity and SAR analyses shall also be included.

[3] The *E. coli* parameter was adopted in substitution for the thermotolerant coliforms parameter, and any change by the competent environmental authority shall be observed.

[4] This parameter shall be carried out in WWTPs that have a chlorination disinfection system.

[5] These parameters shall be carried out in WWTPs using stabilization pond technology.

For medium-size WWTPs (between 50 and 400 L/s), the parameters indicated in Table 5 shall be monitored at the frequencies established therein.

Table 5 - Parameters and Frequencies – Medium Size.

Item	Parameter	Raw	Treated
1	*E. coli* [3]		Fortnightly
2	Total Coliforms		Fortnightly
3	Conductivity [2]		Weekly
4	Free Residual Chlorine [4]		Weekly
5	Filtered BOD [5]		Fortnightly
6	BOD	Fortnightly	Fortnightly
7	Filtered COD [5]		Weekly
8	COD	Weekly	Weekly
9	Total Phosphorus [1]		Monthly
10	Floating materials		Weekly
11	Oils and Greases		Monthly
12	Dissolved oxygen [5]		Weekly
13	Ammoniacal nitrogen [1]		Monthly
14	Nitrate [1]		Monthly
15	Nitrite [1]		Monthly
16	pH		Weekly
17	SAR (Sodium Adsorption Ratio) [2]		Monthly
18	Settleable solids		Weekly
19	Total suspended solids	Fortnightly	Fortnightly
20	Sulfide		Fortnightly
21	Temperature		Weekly

[1] Protection of the water sources to be indicated by CAGECE during the term of the CONTRACT.

[2] For WWTPs with discharge into the soil, electrical conductivity and SAR analyses shall also be included.

[3] The *E. coli* parameter was adopted in substitution for the thermotolerant coliforms parameter, and any change by the competent environmental authority shall be observed.

[4] This parameter shall be carried out in WWTPs that have a chlorination disinfection system.

[5] These parameters shall be carried out in WWTPs using stabilization pond technology.

For large-size WWTPs (above 400 L/s), the parameters indicated in Table 6 shall be monitored at the frequencies established therein.

Table 6 - Parameters and Frequencies – Large Size

Item	Parameter	Raw	Treated
1	*E. coli* [3]		Weekly
2	Total Coliforms		Weekly
3	Conductivity [2]		Daily
4	Free Residual Chlorine [4]		Daily
5	Filtered BOD [5]		Weekly
6	BOD	Weekly	Weekly
7	Filtered COD [5]		Daily
8	COD	Daily	Daily
9	Total Phosphorus [1]		Monthly
10	Floating materials		Daily
11	Oils and Greases		Monthly
12	Dissolved oxygen [5]		Daily
13	Ammoniacal nitrogen [1]		Monthly
14	Nitrate [1]		Monthly
15	Nitrite [1]		Monthly
16	pH		Daily
17	SAR (Sodium Adsorption Ratio) [2]		Monthly
18	Settleable solids		Daily
19	Total suspended solids	Weekly	Weekly
20	Sulfide		Fortnightly
21	Temperature		Daily

[1] Protection of the water sources to be indicated by CAGECE during the term of the CONTRACT.

[2] For WWTPs with discharge into the soil, electrical conductivity and SAR analyses shall also be included.

[3] The *E. coli* parameter was adopted in substitution for the thermotolerant coliforms parameter, and any change by the competent environmental authority shall be observed.

[4] This parameter shall be carried out in WWTPs that have a chlorination disinfection system.

[5] These parameters shall be carried out in WWTPs using stabilization pond technology.

Lastly, for all WWTPs receiving industrial contribution, excluding Settler-Digester type WWTPs and micro-size WWTPs, the parameters established in Tables 7 and 6 shall be adopted in accordance with Article 11 of COEMA Resolution 02/2017, adopting the frequencies established in Table 7, in addition to a semiannual frequency for the parameters listed in Table 8.

For WWTPs receiving industrial contribution without any mapping of the type(s) of effluent(s) being received, all parameters in Table 8 shall be carried out on a semiannual basis.

Note: In cases where the WWTPs receive industrial contribution, the industries discharging thereto shall be monitored by the contractor, following the same parameters required by the legislation in force and Table 9, according to the type of industry.

Table 7 - Parameters and Monitoring Frequencies of WWTPs Receiving Industrial Discharge Contribution.

Item	***Parameter***	**Frequency**	
		Raw	**Treated**
1	Apparent color		Monthly
2	Ammoniacal nitrogen		Monthly
3	Sulfate	Monthly	Monthly

Table 8 - Semiannual Parameters to be carried out according to the type of industrial activity.

Industrial Activities	**Specific Parameters**
Food and Beverage	Total Phenols
	Nickel
	Selenium
Textile Industries, Knitwear, Garment Manufacturing and Laundries	Cadmium
	Lead
	Copper
	Hexavalent Chromium
	Total Chromium
	Soluble Iron
	Zinc
Leather and Hide Processing Industry	Cadmium
	Free Cyanide
	Total Cyanide
	Copper
	Hexavalent Chromium
	Total Chromium
	Zinc
Metallurgical Industries	Cadmium
	Lead
	Free Cyanide
	Total Cyanide
	Copper
	Hexavalent Chromium

Industrial Activities	Specific Parameters
	Total Chromium
	Soluble Iron
	Nickel
	Zinc
Manufacture of Costume Jewelry	Cadmium
	Lead
	Free Cyanide
	Total Cyanide
	Copper
	Soluble Iron
	Nickel
	Zinc
Manufacture of Cleaning Products / Cosmetics	Total organophosphorus and carbamate compounds
	Organochlorine compounds not listed above
Manufacture of Pharmaceutical and Veterinary Products	Total organophosphorus and carbamate compounds
	Organochlorine compounds not listed above
	Cadmium
	Free Cyanide
	Total Cyanide
	Copper
	Total Chromium
	Nickel
	Zinc
Fuels / Petroleum Products	Cadmium
	Lead
	Copper
	Mercury
	Nickel
	Zinc
	Benzene
	Styrene
	Toluene
	Xylene
Vehicle Washing	Benzene
	Styrene

Industrial Activities	Specific Parameters
	Toluene
	Xylene
Power Generation	Copper
	Lead
	Soluble Iron
	Zinc
Paint and Dye Industries	Cadmium
	Lead
	Free Cyanide
	Total Cyanide
	Hexavalent Chromium
	Total Chromium
	Soluble Iron
	Zinc

2. Example of application

The conceptual studies indicate the existence and distribution of WWTPs as shown in Table 9, some of which shall be deactivated and others constructed. Taking as a premise the quantities indicated in this table for the Current scenario and for the service horizon of the Regulatory Framework, Table 10 was prepared as an example, with the expected number of samples to be collected and analyzed according to the frequencies established in this plan, considering a month with 30 days.

Table 9 - Number of existing WWTPs at present and future expectation.

Classes	Flow rate	Number of WWTPs	
		Current scenario	Universalization
Micro and Settler-Digester	<=5	44	36
Small	5<x<=50	46	149
Medium	50<x<=400	04	04
Large	>400	-	-
Total		**94**	**189**

Table 10 - Number of monthly samples to be assessed in a 30-day month.

Classes	Flow rate	Monthly Number of Samples	
		Current scenario	Universalization
Micro and Settler-Digester	<=5	44	36
Small	5<x<=50	46	149

Medium	50<x<=400	16	16
Large	>400	-	-
Total		**106**	**201**

APPENDIX V – COVERAGE TARGETS FOR CONNECTION OF SERVICE UNITS TO WASTEWATER COLLECTION AND TREATMENT BY LOT FOR THE FIRST TWO MEASUREMENTS AND MINIMUM TARGETS UNDER THE PROGRAM CONTRACTS

Table 1 – CCE – Connection Coverage Targets per Lot for the First Two Measurement Periods.

MEASUREMENT	LOT 1	LOT 2	LOT 3	LOT 4	LOT 5
1ª medição efetiva	25,19%	15,68%	25,87%	23,55%	33,17%
2027	29,86%	29,69%	32,64%	33,81%	39,99%

Table 2 – Wastewater Coverage Targets of CAGECE's Program Contracts for the First Two Measurement Period

MUNICIPALITY	1ST EFFECTIVE MEASUREMENT	2027
ABAIARA	0,00%	0,00%
ACARAPE	40,00%	40,00%
ACARAÚ	23,00%	23,00%
ACOPIARA	31,00%	31,00%
ALCÂNTARAS	58,00%	58,00%
ALTANEIRA	24,00%	24,00%
ALTO SANTO	0,00%	0,00%
ANTONINA DO NORTE	0,00%	0,00%
APUIARÉS	0,00%	0,00%
ARACATI	38,00%	38,00%
ARACOIABA	0,00%	0,00%
ARARENDÁ	0,00%	0,00%
ARARIPE	0,00%	0,00%
ARATUBA	36,00%	36,00%
ARNEIROZ	0,00%	0,00%
ASSARÉ	0,00%	0,00%
AURORA	27,00%	27,00%
BAIXIO	0,00%	0,00%
BARREIRA	37,00%	37,00%
BARRO	19,00%	19,00%
BARROQUINHA	33,00%	41,00%
BATURITÉ	3,00%	3,00%
BEBERIBE	20,00%	20,00%
BELA CRUZ	59,00%	74,00%
CAMPOS SALES	32,00%	32,00%
CAPISTRANO	0,00%	0,00%
CARIDADE	0,00%	0,00%
CARIRÉ	58,00%	58,00%
CARNAUBAL	0,00%	0,00%
CATARINA	35,00%	35,00%
CATUNDA	0,00%	0,00%
CEDRO	9,00%	9,00%
CHAVAL	0,00%	0,00%
CHORÓ	0,00%	0,00%
COREAÚ	28,00%	39,00%

CRATEÚS	82,00%	83,00%
CROATÁ	70,00%	70,00%
CRUZ	0,00%	0,00%
ERERÉ	0,00%	0,00%
FORQUILHA	63,00%	63,00%
FORTIM	0,00%	0,00%
FRECHEIRINHA	19,00%	20,00%
GENERAL SAMPAIO	0,00%	0,00%
GRAÇA	28,00%	28,00%
GRANJEIRO	44,00%	44,00%
GROAÍRAS	0,00%	0,00%
GUARACIABA DO NORTE	39,00%	39,00%
GUARAMIRANGA	87,00%	87,00%
HIDROLÂNDIA	0,00%	0,00%
IBARETAMA	0,00%	0,00%
IBIAPINA	0,00%	0,00%
IBICUITINGA	0,00%	0,00%
INDEPENDÊNCIA	46,00%	46,00%
IPAUMIRIM	0,00%	0,00%
IRACEMA	11,00%	11,00%
IRAUÇUBA	0,00%	0,00%
ITAIÇABA	0,00%	0,00%
ITAPIPOCA	50,00%	50,00%
ITAPIÚNA	0,00%	0,00%
ITAREMA	35,00%	35,00%
ITATIRA	0,00%	0,00%
JAGUARETAMA	5,00%	5,00%
JAGUARIBARA	62,00%	64,00%
JAGUARUANA	0,00%	0,00%
JATI	0,00%	0,00%
JIJOCA DE JERICOACOARA	45,00%	45,00%
LAVRAS DA MANGABEIRA	0,00%	0,00%
MARCO	37,00%	37,00%
MARTINÓPOLE	0,00%	0,00%
MASSAPÊ	50,00%	50,00%
MAURITI	24,00%	54,00%
MERUOCA	0,00%	0,00%
MILAGRES	0,00%	0,00%
MIRAÍMA	0,00%	0,00%
MOMBAÇA	0,00%	0,00%
MONSENHOR TABOSA	0,00%	0,00%
MORAÚJO	0,00%	0,00%
MORRINHOS	0,00%	0,00%
MUCAMBO	25,00%	25,00%
MULUNGU	24,00%	24,00%
NOVO ORIENTE	47,00%	47,00%
OCARA	20,00%	20,00%
ORÓS	0,00%	0,00%
PACOTI	67,00%	67,00%
PACUJÁ	0,00%	0,00%
PALHANO	0,00%	0,00%
PALMÁCIA	32,00%	32,00%
PARAMBU	0,00%	0,00%
PARAMOTI	27,00%	27,00%
PENAFORTE	0,00%	0,00%
PENTECOSTE	0,00%	0,00%

PEREIRO	0,00%	0,00%
PIQUET CARNEIRO	0,00%	0,00%
PIRES FERREIRA	0,00%	0,00%
PORANGA	47,00%	47,00%
PORTEIRAS	29,00%	31,00%
POTENGI	0,00%	0,00%
POTIRETAMA	0,00%	0,00%
QUITERIANÓPOLIS	0,00%	0,00%
QUIXADÁ	55,00%	55,00%
QUIXERÉ	0,00%	0,00%
REDENÇÃO	3,00%	38,00%
RERIUTABA	0,00%	0,00%
RUSSAS	36,00%	36,00%
SABOEIRO	4,00%	4,00%
SALITRE	21,00%	21,00%
SANTA QUITÉRIA	0,00%	0,00%
SANTANA DO ACARAÚ	0,00%	0,00%
SÃO BENEDITO	51,00%	51,00%
SENADOR POMPEU	0,00%	0,00%
SENADOR SÁ	0,00%	0,00%
SOBRAL	14,00%	14,00%
TABULEIRO DO NORTE	12,00%	14,00%
TAMBORIL	0,00%	0,00%
TARRAFAS	20,00%	20,00%
TAUÁ	29,00%	51,00%
TEJUÇUOCA	0,00%	0,00%
TIANGUÁ	51,00%	51,00%
TURURU	0,00%	0,00%
UBAJARA	0,00%	0,00%
UMARI	0,00%	0,00%
UMIRIM	0,00%	0,00%
URUBURETAMA	0,00%	0,00%
URUOCA	42,00%	42,00%
VARJOTA	0,00%	0,00%
VÁRZEA ALEGRE	0,00%	0,00%
VIÇOSA DO CEARÁ	23,00%	23,00%