VERIFICATION REPORT
VEMA S.A.

VERIFICATION OF THE

DEVELOPMENT AND IMPROVEMENT OF WATER SUPPLY SYSTEM, DRAINAGE SYSTEM AND WASTEWATER TREATMENT OF "INFOX LTD." BRANCH "INFOXVODOKANAL"

THE SECOND PERIODIC
FOR THE PERIOD OF JANUARY 2008 – APRIL 2011

REPORT NO. UKRAINE- VER /0308/2011
REVISION NO. 01

BUREAU VERITAS CERTIFICATION

VERIFICATION REPORT

Date of first issue: 13/06/2011	Organizational unit: Bureau Veritas Certification Holding SAS
Client: VEMA S.A.	Client ref.: Fabian Knodel

Summary:

Bureau Veritas Certification has made the 2nd periodic 01/01/2008 - 30/04/2011 verification of the "Development and improvement of water supply system, drainage system and wastewater treatment of "Infox Ltd." branch "Infoxvodokanal" project, of VEMA S.A. located in Odesa region, Ukraine, and applying the specific approach to joint implementation projects, on the basis of United Nations Framework Convention on Climate Change (UNFCCC) criteria for the Joint Implementation (JI), as well as criteria given to provide for consistent project operations, monitoring and reporting. UNFCCC criteria (but for crediting period) refer to Article 6 of the Kyoto Protocol, the JI rules and modalities and the subsequent decisions by the JI Supervisory Committee, as well as the host country criteria.

The verification scope is defined as a periodic independent review and ex post determination by the Accredited Entity of the monitored reductions in GHG emissions during verification period, and consists of the following three phases: i) desk review of the Monitoring Plan; ii) follow-up interviews with project stakeholders; iii) resolution of outstanding issues and the issuance of the final verification report and opinion. The overall verification, from Contract Review to Verification Report & Opinion, was conducted using Bureau Veritas Certification internal procedures.

The first output of the verification process is a list of Clarification, Corrective Actions Requests, Forward Actions Requests (CR, CAR and FAR), presented in Appendix A.

In summary, Bureau Veritas Certification confirms that the project is implemented as planned and described in approved project design documents. Installed equipment being essential for generating emission reduction runs reliably and is calibrated appropriately. The monitoring system is in place and the project is generating GHG emission reductions. The GHG emission reduction is calculated accurately and without material errors, omissions, or misstatements, and the ERUs issued totalize 226 547 tons of CO_2eq for the period from 01/01/2008 to 30/04/2011.

Our opinion relates to the project's GHG emissions and resulting GHG emission reductions reported and related to the approved project baseline and monitoring, and its associated documents.

Report No.: UKRAINE-ver/0308/2011	Subject Group: JI	
Project title: "Development and improvement of water supply system, drainage system and wastewater treatment of "Infox Ltd." branch "Infoxvodokanal"		
Work carried out by: Oleg Skoblyk – Team leader, leading verifier		
Work reviewed by: Ivan Sokolov – Internal technical reviewer Pavel Rosen – Technical specialist		
Work approved by: Flavio Gomez - Operational Manager		
Date of this revision: 07/07/2011	Rev. No.: 02	Number of pages: 38

Bureau Veritas Certification Holding SAS

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1 INTRODUCTION

VEMA S.A. has commissioned Bureau Veritas Certification to verify the emissions reductions of its JI project “Development and improvement of water supply system, drainage system and wastewater treatment of “Infox Ltd.” branch “Infoxvodokanal” (hereafter called “the project”) that is being implemented in Odesa, Odesa region, Ukraine.

This report summarizes the findings of the verification of the project, performed on the basis of UNFCCC criteria, as well as criteria given to provide for consistent project operations, monitoring and reporting as well as host country criteria.

Verification encompasses the period from the January, 1 2008 to April, 30 2011.

1.1 Objective

Verification is the periodic independent review and ex post determination by the Accredited Independent Entity (AIE) of the monitored reductions in GHG emissions during defined verification period.

The objective of verification can be divided into Initial Verification and Periodic Verification.

UNFCCC criteria refer to Article 6 of the Kyoto Protocol, the JI rules and modalities and the subsequent decisions by the JI Supervisory Committee, as well as the host country criteria.

1.2 Scope

The verification scope is defined as an independent and objective review of the project design document, the project’s baseline study and monitoring plan and other relevant documents. The information in these documents is reviewed against Kyoto Protocol requirements, UNFCCC rules and associated interpretations.

The verification is not meant to provide any consulting towards the Client. However, stated requests for clarifications, corrective and/or forward actions may provide input for improvement of the project monitoring towards reductions in the GHG emissions.

1.3 Verification Team

The verification team consists of the following personnel:

Oleg Skoblyk
Bureau Veritas Certification, Team Leader, Climate Change Lead Verifier.

This verification report was reviewed by:

Ivan Sokolov
Bureau Veritas Certification, Internal Technical Reviewer

Pavel Rosen
Bureau Veritas Certification Technical specialis

2 METHODOLOGY

The overall verification, from Contract Review to Verification Report & Opinion, was conducted using Bureau Veritas Certification internal procedures.

In order to ensure transparency, a verification protocol was customized for the project, according to the version 01 of the Joint Implementation Determination and Verification Manual, issued by the Joint Implementation Supervisory Committee at its 19 meeting on 04/12/2009. The protocol shows, in a transparent manner, criteria (requirements), means of verification and the results from verifying the identified criteria. The verification protocol serves the following purposes:

- It organizes, details and clarifies the requirements a JI project is expected to meet;

- It ensures a transparent verification process where the verifier will document how a particular requirement has been verified and the result of the verification.

The completed verification protocol is enclosed in Appendix A to this report.

2.1 Review of Documents

The Monitoring Report (MR) submitted by VEMA and additional background documents related to the project design and baseline, i.e. country Law, Project Design Document (PDD), the determination report of

the project, issued by Bureau Veritas Certification Holding SAS, № UKRAINE-det/0265/2011 version 02 as of 21/04/2011, Guidance on criteria for baseline setting and monitoring, Host party criteria, the Kyoto Protocol, Clarifications on Verification Requirements to be Checked by an Accredited Independent Entity were reviewed.

The verification findings presented in this report relate to the Monitoring Report for the period of 01/01/2008 to 30/04/2011, version 01 as of the June 07, 2011 and version 02 as of July 06, 2011 as well as the project as described in the determined PDD.

2.2 Follow-up Interviews

On 20/06/2011 Bureau Veritas Certification visited the site of project implementation (water-supply pumping plants, drainage plants and wastewater treatment facilities of "Infox Ltd." branch "Infoxvodokanal") and performed on-site interviews with project stakeholders to confirm selected information and to resolve issues identified in the document review. Representatives of "Infox Ltd." branch "Infoxvodokanal" and VEMA S.A. were interviewed (see References). The main topics of the interviews are summarized in Table 1.

Table 1 Interview topics

Interviewed organization	Interview topics
"Infox Ltd." branch "Infoxvodokanal"	➢ Organizational Structure ➢ Responsibility and authority ➢ Roles and responsibilities in collecting and processing data ➢ Installation of equipment ➢ Data recording, archiving and reporting ➢ Control of metering equipment ➢ The system of measurements record keeping, database. ➢ IT Management ➢ Personnel training ➢ Procedures and Technology of Quality Management ➢ Internal audits and inspections
Consultant: VEMA S.A.	➢ Baseline methodology ➢ Monitoring plant ➢ Monitoring report ➢ Deviations from the PDD

2.3 Resolution of Clarification, Corrective and Forward Action Requests

The objective of this phase of the verification is to raise the requests for corrective and forward actions, clarification requests and any other outstanding issues that needed to be clarified for Bureau Veritas Certification positive conclusion on the GHG emission reduction calculation.

If the Verification Team, in assessing the monitoring report and supporting documents, identifies issues that need to be corrected, clarified or improved with regard to the monitoring requirements, it should raise these issues and inform the project participants of these issues in the form of:

(a) Corrective action request (CAR), requesting the project participants to correct a mistake that is not in accordance with the monitoring plan;

(b) Clarification request (CL), requesting the project participants to provide additional information for the AIE to assess compliance with the monitoring plan;

(c) Forward action request (FAR), informing the project participants of an issue, relating to the monitoring that needs to be reviewed during the next verification period.

To guarantee the transparency of the verification process, the concerns raised are documented in more detail in the verification protocol in Appendix A.

3 VERIFICATION CONCLUSIONS

In the following sections, the conclusions of the verification are stated.

The findings from the desk review of the original monitoring documents and the findings from interviews during the follow up visit are described in the Verification Protocol in Appendix A.

The Clarification, Corrective and Forward Action Requests are stated, where applicable, are further documented in the Verification Protocol in Appendix A. The verification of the Project resulted in 6 Corrective Action Requests and 1 Clarification Request.

The number between brackets at the end of each section corresponds to the number of paragraph of “Guidance for determination and verification”.

3.1 Remaining CL and FAR from previous verifications

FAR 01 which was raised during determination of the JI project "Development and improvement of water supply system, drainage system and wastewater treatment of "Infox Ltd." branch "Infoxvodokanal" addressed lack of letters of approval from the parties involved.
Letters of Approval have been received:

- From host Party (Ukraine) - Letter of Approval № 1391/23/7, issued by the State Environmental Investment Agency of Ukraine as of 31/05/2011 within determination process.
- From the investor party (Switzerland) Letter of Approval № J294-0485, issued by the Federal Service for Environmental Switzerland (FOEN) as of 28/06/2011

FAR 01 is closed.

3.2 Project approval by Parties involved (90-91)

The project received approval from the host Party (Ukraine) (Letter of Approval № 1391/23/7, issued by the National Environmental Investment Agency of Ukraine 31/05/2011).
Written approval of the project from the side of the buyer of the ERUs (Switzerland) - Letter of Approval № J294-0485, issued by the Federal Service for Environmental Switzerland (FOEN) from 28/06/2011.
The above written approval is unconditional.
Certain problem areas of project approval the parties involved, the project participants answers and conclusions of Bureau Veritas Certification is given in Appendix A to this report (see CAR 01).

3.3 Project implementation (92-93)

The main goal is to reduce energy consumption by modernization and development of centralized water supply, drainage and wastewater treatment systems, including replacement and modernization of pumping equipment, water distribution and drainage networks, installation of frequency regulators, optimization of process of water pumping, systems of wastewater treatment (aeration system in aerotanks) in Odessa. Implementation of the above mentioned technologies can reduce greenhouse gas emissions (CO_2).

According to the project, reconstruction activities include:

- Modernization of pumping equipment;
- Replacement of pumping equipment;
- Optimization of technological processes of water pumping;

- Installation of automatic Air valves;
- Replacement of valves;
- Replacement of water supply and drainage systems;
- Installation of a new group of meters;
- Installation of frequency regulators;
- Modernization of the aeration system for wastewater treatment plants (aerotanks);
- Implementation of small hydroelectric power stations.

Project activities started in December 2003. Because the implementation of measures under the project began in 2003, which was adopted as a baseline year, in terms of conservatism reduction due to these implementations in the project are not included.
Status of implementation of project activities during 01/01/2008 – 30/04/2011 presented in the table below:

Table 2. Status of implementation of project activities during 01/01/2008 – 30/04/2011

№	Project activities	Number of units of work performed	Starting date of implementation activities under the project	Expected date of completion of the project implementation activities
1	Modernization of pumping equipment	21units	1/01/2008	30/04/2011
2	Replacement of pumping equipment	2 units	1/01/2008	30/04/2011
3	Valves replacement	77units	1/01/2008	30/04/2011
4	Replacement Water distribution and drainage networks	26 990,05 rm.	1/01/2008	30/04/2011
5	Installation of Variable frequency drives	4 units	1/01/2008	30/04/2011
6	Installing of a new group of meters	5 units	1/01/2008	30/04/2011
7	Modernization of the aeration system at a treatment plant (aerotanks)	2 units	1/01/2008	30/04/2011

Implementation of activities under the project is carried out mainly according to the implementation plan, given in a determined PDD version 03.

During the modernization of pumping plants, drainage plants and wastewater treatment facilities of "Infox Ltd." there were minor deviations from the PDD, which concerned the capacity of pumping equipment installed. Change in the power of installed pumps was caused by a change in volume of water that should be transferred to consumers. In some cases, deviation in diameter of networks that were replaced was observed, compared with the planned diameter defined at the stage of project development, which was caused by a production necessity. Detailed information as to the measures that were implemented, and installed equipment during the period from January 2008 to April 2011 is provided in Annex 4 of the monitoring report.

Date of the crediting period has not changed and remains the date of the first generation of emission reduction units, namely: 01 January 2004.

The monitoring system is available and functioning.

Monitoring equipment, such as electricity meters and water flow meters installed and meets the industry standards in Ukraine. All monitoring equipment included in the detailed plan for verification (calibration) and tested at intervals prescribed by the manufacturer of such equipment.

The project activity does not imply a negative impact on the environment. The only environmental impact is dismantled equipment that will be used as a secondary raw material.

Enterprise "Infox Ltd." branch "Infoxvodokanal" has all necessary permits, limits and licenses required by Ukrainian legislation, namely:

Enterprise "Infox Ltd." branch "Infozvodokanal" has all necessary permits, limits and licenses required by Ukrainian legislation, namely:
- Permission for the special water use;
- Permission for disposal of waste of WTP "Dnister";
- Permission for disposal of waste of "Miskanalizatsiya";
- Permission for disposal of waste of BWWTP "Pivnichna";
- Permission for disposal of waste of BWWTP "Pivdenna";
- Limit on the formation and disposal of waste of "Infox Ltd.";
- Form 2-TP (VODHOSP), Report on the water use;
- Form 11-MTP, reports on the fuel use, heat and electrical energy;
- Balance MPD (maximum permissible discharges).

3.4 Compliance of the monitoring plan with the monitoring methodology (94-98)

Monitoring took place in accordance with the monitoring plan included in the PDD, for which determination is final and posted on the UNFCCC JI website.

To calculate the emission reductions the following key factors were taken into account: the volume of water delivered to consumers of water supply system, the total volume of wastewater pumped by the drainage system, total volume of wastewater pumped to the aerotanks system, the existing tariffs for water and wastewater, public policy in the field of drinking water and drinking water supply, experience in implementing the measures provided by the project, the current practice that exists in Ukraine in this area, financial costs and availability of expertise, sectoral policy reforms in the water supply and drainage, legislation affecting the emissions baseline, level of activity on the project and the project emissions and risks associated with the project.

Data sources used for calculating emission reductions such as appropriately calibrated metering equipment, the study of standardized emission factors for the Ukrainian electricity grid are clearly identified, reliable and transparent.

Emission factors used for calculation of emission reductions were chosen because of the accuracy and appropriateness, their choice was carefully justified. Carbon dioxide emission factors when consuming electricity are set according to the following documents:

- Carbon dioxide emission factors for 2008 are taken from Order of the National Environmental Investment Agency of Ukraine (hereinafter - NEIAU) № 62 of 15.04.2011 "On approval of specific carbon dioxide emission factors in 2008";
- Carbon dioxide emission factors for 2009 are taken from the Order of NEIAU # 63 of 15.04.2011 "On approval of specific carbon dioxide emission factors in 2009";
- Carbon dioxide emission factors for 2010 are taken from the Order of NEIAU # 43 of 28.03.2011. "On approval of specific carbon dioxide emission factors in 2010";
- Carbon dioxide emission factors for 2011 are taken from the Order of NEIAU # 75 of 12.05.2011. "On approval of specific carbon dioxide emission factors in 2011";

Calculations of emission reductions are based on conservative assumptions and the most probable scenarios and are transparent.

Monitoring period for each project component is clearly identified in monitoring reports and do not overlap with those for which verification has been made in the past and is considered as final.

Identified problem areas for compliance monitoring plan monitoring methodology, project participants answers and conclusions Bureau Veritas Certification is described in Appendix A to this report (see CAR 02, CAR 03, CAR 04 and CL 01).

3.5 Viewing the monitoring plan (99-100)

Project participants provided adequate substantiation of the proposed revision.

The proposed revision improves the accuracy and applicability of the information being collected, compared with the initial monitoring plan without changing conformity with the applicable rules and regulations on establishing the monitoring plan.

The initial monitoring plan provided for the calculation of project and baseline emissions and emission reductions every year, it was revised in order to make possible the monitoring process monthly. Formulae to calculate emissions have been adapted to the monitoring period of 1 month instead of 1 year period, which was established in the initial monitoring plan specified in determined PDD. It allowed to make calculations for 4 months of 2011 (from January 2011 to April 2011). In order to ensure more accurate results of calculations of emission reduction, and taking into account the fact that modes of water supply, drainage to some extent depend on the season, he calculation of the baseline value of parameter SEC was made (specific energy consumption per unit of volume of water / wastewater) for each month 2000-2003/2001-2004 and these historical monthly values were used to determine baseline emissions for each month of the reporting period. The updated formulae are presented in monitoring reports version 02 of 06/07/2011.
Another change from the initial monitoring plan is the use in calculating the carbon dioxide emissions factor EF, established under:
- Order number 62 of the National Environmental Investment Agency of Ukraine "On approval of indicators specific emissions of carbon dioxide in 2008" on 15/04/2011;
- Carbon dioxide emission factors for 2008 are taken from Order of the National Environmental Investment Agency of Ukraine (hereinafter - NEIAU) № 62 of 15.04.2011 "On approval of specific carbon dioxide emission factors in 2008";
- Carbon dioxide emission factors for 2009 are taken from the Order of NEIAU # 63 of 15.04.2011 "On approval of specific carbon dioxide emission factors in 2009";
- Carbon dioxide emission factors for 2010 are taken from the Order of NEIAU # 43 of 28.03.2011. "On approval of specific carbon dioxide emission factors in 2010";
- Carbon dioxide emission factors for 2011 are taken from the Order of NEIAU # 75 of 12.05.2011. "On approval of specific carbon dioxide emission factors in 2011";

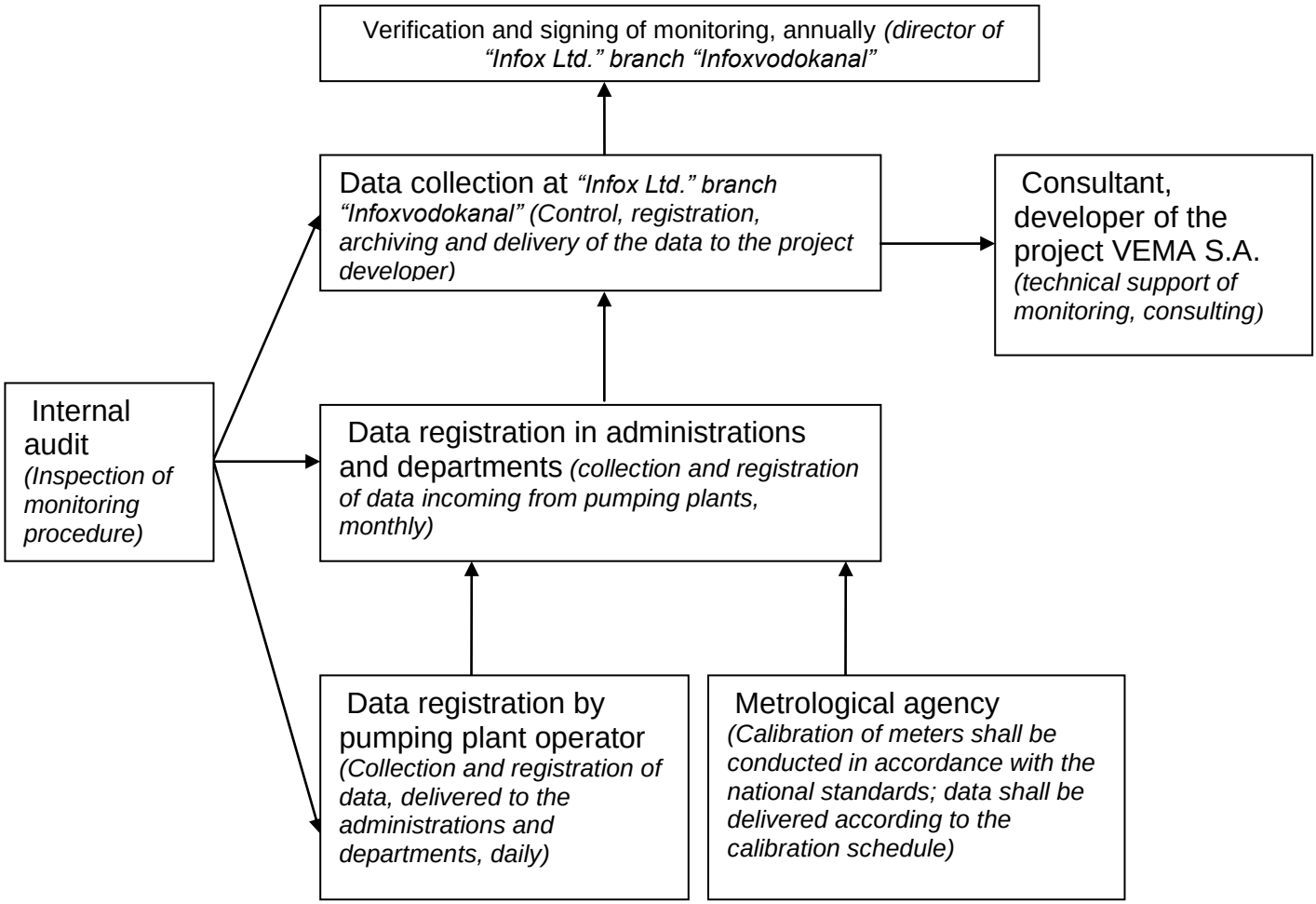
The changes that were introduced will not affect the conservative approach to emission reduction calculations and procedures for collecting and archiving of data.

Management system and operating system are suitable for reliable monitoring of the project according to the proposed revision.

3.6 Data Management (101)

Data and their sources, which are contained in the monitoring report, are clearly defined, reliable and transparent.
Implementation of procedures for data collection is in accordance with PDD monitoring plan, including quality control and quality assurance procedures. Monitoring equipment, including its calibration status, are eligible. According to current legislation "On metrology and metrological activity", all measuring equipment in Ukraine must meet the specified requirements of relevant standards and is subject to periodic verification. Calibration of measuring equipment is done in accordance with national standards. (The certificate number 164-EM of 22 June 2005. Metrological certification of the state automated system of commercial metering of electric energy "ALTAR-Infoxvodokanal"; metrological department branch "Infoxvodokanal" Odesastandart-metrology). Actual data and records that are used for the monitoring are traced properly.
Data collection and management of data concerning the project comply with the PDD and the monitoring plan.
The monitoring procedure involves:
1) Accounting of electric energy consumed by facilities of "Infox Ltd." branch "Infoxvodokanal";
2) Accounting of pumped water by facilities of the enterprise;
3) Accounting of drained wastewater in the drainage system;
4) Accounting of drained wastewaters by wastewater treatment plants "Pivnichna" and Pivdenna";
5) Accounting of indicators BOD_{20} in waste water (at the inlet to the wastewater treatment plants "Pivnichna" and Pivdenna";);
6) Accounting of electricity, which will be generated by "Infox Ltd." branch "Infoxvodokanal" after the installation of small hydropower plant.

Based on these data, subject to accounting and control, "Infox Ltd." makes the following documents:
- “ACT of transmitted electricity” is submitted to the subscriber department of Power Supply, where "Infox" receives invoices for payment ("Invoice of "Odesoblenergo” Ltd. for electricity consumed, the consumer - "Infox Ltd.");
- Report 2-TP (vodgosp) is submitted quarterly, semi-annually and annually to Odessa administration of water resources. According to the report the payment is made for the transferred water to consumers, drained wastewater from consumers, and wastewater that is treated;
- "Report of Chemical and bacteriological laboratory" is submitted to the State Inspectorate for Environmental Protection of Northwest region. According to this report the analysis and control of contaminated wastewater is carried out.
Structure of data collection of monitoring at "Infox Ltd." branch "Infoxvodokanal" is as follows:



Picture 1. Structure of data collection of monitoring at "Infox Ltd." branch "Infoxvodokanal"

All necessary information for monitoring of GHGs emission reductions is stored in paper or/and electronic formats and will be saved till the end of the crediting period and for two years after the last operation with ERUs from the project.

The Monitoring Report rev.02 provides sufficient information on the assigning roles, responsibilities and authorities for implementation and maintenance of monitoring procedures including control of data. The verification team confirms effectiveness of the existing management and operational systems and found them eligible for reliable project monitoring.
Verification group confirms the effectiveness of existing management systems and operating systems and considers them suitable for reliable for monitoring of the project.
The identified areas of concern as to Data management, project participants response and BV Certification's conclusion are described in Appendix A to this report (see CAR 05, CAR 06).

3.7 Verification of program activities (102-110)

Not applicable.

4 VERIFICATION REPORT

Bureau Veritas Certification completed the second periodic verification for the period from Januaru 2008 to April 2011, the JI project “Development and improvement of water supply system, drainage system and wastewater treatment of «Infox Ltd.» branch «Infoxvodokanal» in Ukraine, which uses a specific approach to JI projects. Verification was conducted on the basis of UNFCCC criteria and host country criteria and also according to criteria that ensure the consistent implementation of the project, monitoring and reporting.
The verification consisted of the following three phases: i) desk review of monitoring reports, project design and the baseline and monitoring plan; ii) follow-up interviews with project stakeholders; iii) resolution of outstanding issues and the issuance of the final verification report and opinion.
The management of VEMA S.A. is responsible for the preparation of the GHG emissions data and the reported GHG emissions reductions of the project on the basis set out within the project Monitoring and Verification Plan indicated in the final PDD version 02 and the revised monitoring plan. The development and maintenance of records and reporting procedures are in accordance with that plan, including the calculation and determination of GHG emission reductions from the project, is the responsibility of the management of the project.

Bureau Veritas Certification has carried out inspection report on monitoring the project, version 02, for the period 01/01/2008-30/04/2011 as mentioned below. Bureau Veritas Certification certifies that the project is carried out according to the approved version of the PDD. The installed equipment that is essential for reducing greenhouse gases is reliable and properly calibrated. The monitoring system operates, and the project will reduce greenhouse gas emissions.

Bureau Veritas Certification confirms that the GHG emission reduction is calculated without material misstatements. Our opinion relates to the project’s GHG emissions and resulting GHG emissions reductions reported and related to the approved project baseline and monitoring, and its associated documents. Based on the information we have seen and evaluated, we confirm the following statement:

Reporting period: 01/01/2008-30/04/2011
Baseline Emissions: 645 243 tons of CO_2 equivalent;
Emissions in the project scenario: 418 696 tons of CO_2 equivalent;
Emission reductions: 226 547 tons of CO_2 equivalent.

5 REFERENCES

Category 1 Documents:
Documents provided by project participants that relate directly to the GHG components of the project.

/1/ The monitoring report for the period from : 01/01/2008-30/04/2011, Version 01 on June 07, 2011

/2/ The monitoring report for the period from: 01/01/2008-30/04/2011, version 02 of July 06, 2011

/3/ Appendix 2 "Project and Monitoring equipment" (File Excel)

/4/ Appendix 3, "Calculation of GHG emission reduction through energy savings in water supply systems, drainage and wastewater treatment of "Infox Ltd." branch "Infoxvodokanal" (File Excel)

/5/ Annex 4 "The measures that were implemented under the project" (File Excel)

/6/ Annex 5, "Monitoring the parameters used for calculation of GHG emissions" (File Excel)

/7/ PDD “Development and improvement of water supply system, drainage system and wastewater treatment of «Infox Ltd.» branch «Infoxvodokanal», version 03 from 07/04/2011

/8/ Determination Report of the Bureau Veritas Certification Holding SAS No. № UKRAINE-det/0265/2011 “Development and improvement of water supply system, drainage system and wastewater treatment of «Infox Ltd.» branch «Infoxvodokanal», version 02 of 21/04/2011

/9/ Letter of Approval of the Joint Implementation project “Development and improvement of water supply system, drainage system and wastewater treatment of «Infox Ltd.» branch «Infoxvodokanal» № 1391/23/7, issued by the National Environmental Investment Agency of Ukraine 31/05/2011.

/10/ Letter of project approval under Article 6 of the Kyoto Protocol (JI) “Development and improvement of water supply system, drainage system and wastewater treatment of «Infox Ltd.» branch «Infoxvodokanal» № J294-0485, issued by the Federal Service for Environment (FOEN) from Switzerland from 28/06/2011.

Category 2 Documents:

Background documents related to the design and/or methodologies employed in the design or other reference documents.

/1/ Information on the availability of permission documents from "Infox Ltd." branch "Infoxvodokanal" for 2008 -2011

/2/ Permit for special water use " Infox Ltd." branch "Infoxvodokanal" Ukr 2305, valid from 30/11/07 to 30/11/09 issued by the Ministry of Environmental Protection of the State Administration of Ukraine in Odessa region

/3/ Permit for special water use Russia № 2305, valid from 14/06/05 to 31/05/09 issued by the Ministry of Environmental Protection of Ukraine State Department of Ecology of Natural Resources in the Odessa region

/4/ Passport to power measurement device of WPS "Zapadnaya"

/5/ Passport to nozzle

/6/ Technical characteristics of the object of electrical WPS " Sholniy aerodrom "

/7/ Technical characteristics of the object of electrical WPS "Bocharova, 36"

/8/ Technical characteristics of the object of electrical WPS " 8 th sq. YUZM "

/9/ Technical characteristics of the object of electrical WPS" Vuzovskaya, 2 "

/10/ Technical characteristics of the object of electrical WPS "Lunyna, 7"

/11/ Technical characteristics of the object of electrical WPS "Armeyskaya, 18"

/12/ Technical characteristics of the object of electrical WPS "B. Arnautskaya, 92/94"

/13/ Technical data on the object of electrical WPS "Dobrovolsky, 102"

/14/ Report № 1-T leadership meeting "Infox Ltd." Branch "Infoxvodokanal" dated 17/12/03 of the decision on" Implementation of the undertaking "joint implementation project"

/15/ Certificate number 164-EM of 6/22/05 of the state metrological certification of the automated system of commercial metering of electric energy "Altair-Infoxvodokanal"

/16/ Report of the departments work in "Infoksvodokanal" from 4/4/11, the WTP "Dnestr"

/17/ Reference with the cost of contract work performed for March 2011. Standard form number KB-3, Approved by order of the State

Statistics Committee of Ukraine and State Committee of Ukraine for Construction and Architecture from 21/06/02 № 237 / 5

/18/ Act number 163 of acceptance of contract work in March 2011. Model number 2 CB-2c, approved by the State Statistics Committee of Ukraine and State Committee of Ukraine for Construction and Architecture from 21/06/02 № 237 / 5

/19/ Permit for special water use issued by "Infox Ltd." branch "Infoxvodokanal" from 22/03/09 to 22/03/11. Ministry of Environmental Protection of Ukraine to the State Department of Environmental Protection in the Odessa region

/20/ Permit for special water use Eng. № 2305, issued by the "Infox Ltd." branch "Infoxvodokanal" from 29/03/10 to 29/03/12rr. Ministry of Environmental Protection of Ukraine to the State Department of Environmental Protection in the Odessa region

/21/ Permit number 51401608 at the disposal of waste from 01/01/11 to 31/12/11. Issued by the Ministry of Environmental Protection of Ukraine to the State Department of Environmental Protection in the Odessa region

/22/ The report on water use for 2008 Form 2-TP (VODHOSP), approved by the State Statistics Committee of Ukraine of September 30, 1997 № 230

/23/ maximum allowable discharge of substances into the water flows to reverse coastal waters of the limited liability company "Infox Ltd." branch "Infoxvodokanal" approved by the State Department of Environmental Protection in the Odessa region of 09/09/10

/24/ State statistical observations, reports on the use of fuel heat and electricity for January - December 2010 from 1/17/11

/25/ The report on water use for 2010 Form 2-TP (VODHOSP) on 19/01/11

/26/ Limit water intake for 2011 agreed by the State Committee of Ukraine for Water Management

/27/ The limit water use for 2011 agreed by the State Committee of Ukraine for Water Management

/28/ Water balance payment for 2011 agreed by the State Committee of Ukraine for Water Management

/29/ Invoice - invoice number 5 / 1 - 401 for electricity consumed on 28/12/10

/30/ invoice - invoice number 5 / 2 - 402 for electricity consumed on 28/12/10

/31/ Act of the working commission on the adoption of the completed construction of buildings, structures, building on 25/06/08, specifications object "Reconstruction of WPS “Zahidna

transformatorna distanciya”

/32/ Act of the working commission on acceptance of the completed construction of buildings, structures, building on 26/11/09, specifications object " "Reconstruction of WPS “Zahidna transformatorna distanciya, the second starting complex

/33/ invoice - invoice number 5 / 1 - 154 for electricity consumed as of 5/28/10

/34/ invoice - invoice number 5 / 2 - 155 for electricity consumed as of 28/12/10

/35/ invoice - invoice number 5 / 1 - 114 for electricity consumed as of 4/27/10

/36/ invoice - invoice number 5 / 2 - 82 for electricity consumed as of 3/30/10

/37/ invoice - invoice number 5 / 2 - 58 for electricity consumed as of 3/1/10

/38/ invoice - invoice number 5 / 1 - 57 for electricity consumed on 3/1/10

/39/ Invoice - invoice number 5 / 2 - 15 for electricity consumed as of 1/28/10

/40/ Invoice - invoice number 5 / 1 - 14 for electricity consumed as of 1/28/10

/41/ Daily reports code 01/07/08 WPS"Zahidna" on 16/01/11

/42/ Invoice - invoice number 5 / 2 - 363 for electricity consumed as of 30/11/10

/43/ Invoice - invoice number 5 / 1 - 362 for electricity consumed as of 30/11/10

/44/ Invoice - invoice number 5 / 1 - 326 for electricity consumed as of 27/10/10

/45/ Invoice - invoice number 5 / 2 - 327 for electricity consumed as of 27/10/10

/46/ Invoice - invoice number 5 / 2 - 294 for electricity consumed as of 9/29/10

/47/ Invoice - invoice number 5 / 1 - 293 for electricity consumed as of 9/29/10

/48/ Invoice - invoice number 5 / 1 - 14 for electricity consumed as of 1/28/10

/49/ Invoice - invoice number 5 / 1 - for electricity consumed as of 8/27/10

/50/ Invoice - invoice number 5 / 2 - for electricity consumed as of 8/27/10

/51/ Invoice - invoice number 5 / 2 -196 for electricity consumed as of 6/30/10

/52/ Invoice - invoice number 5 / 1 -195 for consumed electricity as of 30/06/10

/53/ Invoice - invoice number 5 / 2 - 224 for electricity consumed as of 7/27/10

/54/ Invoice - invoice number 5 / 1 - 223 for electricity consumed as of 7/27/10

/55/ Invoice - invoice number 5 / 1 - 154 for electricity consumed as of 5/28/10

/56/ Invoice - invoice number 5 / 2 -155 for electricity consumed as of 5/28/10

/57/ Development of science-based technological norms of individual water use (ITNIV) in water and sewer Odessa branch "Infoxvodokanal" (contract № 32-09-07), approved by the SE Research and Design-Technological Institute of Urban 2008.

/58/ Technology BWWTP report of "Pivnichna" for 2010

/59/ The results of analysis of sea water, which have been selected in the area of BWWTP "Pivnichna" release according to agreement № 230/11 from 04/01/11

/60/ The list of measuring instruments in use and subject to verification in 2011, agreed SE "Odesastandartmetrolohiya" on 20/01/11

/61/ Report on installation on-site branch PCHT "Infoxvodokanal" on 01/04/11

/62/ report on the use of fuel, heat and electricity for January - June 2010, the form number 11-MTP

/63/ The report on the results of the fuel heat and electricity for January-December 2010roku, form number 11-MTP

/64/ Journal of daily reports of electricity WPS, 2010- 2011 "WPS Zahidnaya"

/65/ Journal of water measurement devices and equipment BWWTP "Severnaya" (piskolovky channel 1) from 01/10/10 to 30/09/11, the form of POD-11

/66/ Journal of water measurement devices and equipment BWWTP "Severnaya" (piskolovky, channel 2) from 01/10/10 to 30/09/11 Form POD-11

/67/ Report on electricity consumption in 2008, the consumer:"Infox Ltd." branch "Infoxvodokanal"

/68/ Invoice № 5/1-404 for electricity consumed on 29/12/08, the consumer: "Infox Ltd." branch "Infoxvodokanal"

/69/ Invoice № 5/2-405 for electricity consumed on 29/12/08, the consumer: "Infox Ltd." branch "Infoxvodokanal"

/70/ Report for electricity consumption in 2009, the consumer:"Infox Ltd." branch "Infoxvodokanal"

/71/ Invoice № 5/1-201 for electricity consumed on 6/30/09, the consumer: "Infox Ltd." branch "Infoxvodokanal"

/72/ Invoice № 5/2-202 for electricity consumed on 6/30/09, the consumer :"Infox Ltd." branch "Infoxvodokanal"

/73/ Certificate for electricity consumption for 2010, the consumer: :"Infox Ltd." branch "Infoxvodokanal"

/74/ Invoice № 5/1-401 for electricity consumed on 28/12/10, the consumer: "Infox Ltd." branch "Infoxvodokanal"

/75/ Invoice № 5/2-402 for electricity consumed on 28/12/10, the consumer: "Infox Ltd." branch "Infoxvodokanal"

/76/ Reference to commercial metering devices installed in the PC "Belyaevka" 110/35/6 sq nutritive objects WPS "Dnestr", "Infox Ltd." branch "Infoxvodokanal"

/77/ Technical passport of high current, measurement of complex 10/6/09 (form number 1216)

/78/ Technical passport of high current, measurement of complex 14/8/08 (form number 0811)

/79/ data sheet of the high-current, measurement of complex 13/8/08 (form number 0809)

/80/ data sheet of the high-current, measurement of complex 13/8/08 (form number 0810)

/81/ data sheet of the high-current, measurement of complex 13/8/08 (form number 0788)

/82/ data sheet of the high-current, measuring complex of 07/08/08 (form number 0372)

/83/ data sheet of the high-current, measurement of complex 12/1/09 (form number 0866)

/84/ high-current data sheet, measuring complex of 10/19/10 (form number 1217)

/85/ high-current data sheet, measuring complex of 10/19/10 (form number 1218)

/86/ high-current data sheet, measuring complex on 8/13/08 (form number 0810)

/87/ data sheet 3-phase current measuring complex of 01/04/10 (form number 00002281), the consumer, "Infoxvodokanal"

Persons interviewed:

List of persons interviewed during the verification or persons that contributed with other information that are not included in the documents listed above.

	Name	Organization	Title
/1/	Leonov Oleksiy Volodymyrovych	«Infox Ltd.» branch «Infoxvodokanal»	Director
/2/	Burjan Igor Yevgenovych	«Infox Ltd.» branch «Infoxvodokanal»	Chief metrologist
/3/	Goltsov Volodymyr Ivanovych	«Infox Ltd.» branch «Infoxvodokanal»	Chief technologist
/4/	Vilkov Sergiy Yuriyovych	«Infox Ltd.» branch «Infoxvodokanal»	Chief power engineer
/5/	Kozhuhova Olena Oleksandrivna	«Infox Ltd.» branch «Infoxvodokanal»	Leading engineer on maintenance record (MR)
/6/	Klepatskiy Oleg Mykhaylovych	«Infox Ltd.» branch «Infoxvodokanal»	Deputy of Director on technical issues
/7/	Deliy Viktor Stepanovych	«Infox Ltd.» branch «Infoxvodokanal»	Head of the division of controlling and metering equipment
/8/	Kutsak Yevgeniya Danylivna	«Infox Ltd.» branch «Infoxvodokanal»	Job foreman of division №4
/9/	Naumenko Iryna	VEMA S.A.	JI project developer

APPENDIX A: VERIFICATION PROTOCOL

BUREAU VERITAS CERTIFICATION HOLDING SAS

VERIFICATION PROTOCOL

Check list for verification, according to the JOINT IMPLEMENTATION DETERMINATION AND VERIFICATION MANUAL (Version 01)

DVM Paragraph	Check Item	Initial finding	Action requested to project participants	Review of project Participants' action	Conclusion
Project approvals by Parties involved					
90	Has the NFPs of at least one Party involved, other than the host Party, issued a written project approval when submitting the first verification report to the secretariat for publication in accordance with paragraph 38 of the JI guidelines, at the latest?	The project has been approved by Host Party (Ukraine). Letter of Approval № 1391/23/7 was issued by the State Environmental Investment Agency of Ukraine as of 31/05/2011. However, no information on approval of the project by the party-buyer of emission reduction units (Switzerland) was not included in the MR ver.01.	**CAR 01.** Please provide information about approval of the project by the party-buyer of emission reduction units.	Project Development and improvement of water supply system, drainage system and wastewater treatment of «Infox Ltd.» branch «Infoxvodokanal» Letter of Approval № J294-0485, issued by the Federal Service for Environmental Switzerland (FOEN) as of 28/06/2011 was submitted to the	CAR 01 is closed based on the provided information in the MR ver.02.

DVM Paragraph	Check Item	Initial finding	Action requested to project participants	Review of project Participants' action	Conclusion
				verification group.	
91	Are all the written project approvals by Parties involved unconditional?	See cl.90 above	See cl.90 above	See cl.90 above	OK
Project implementation					
92	Has the project been implemented in accordance with the PDD regarding which the determination has been deemed final and is so listed on the UNFCCC JI website?	JI project "Development and improvement of water supply system, drainage system and wastewater treatment of «Infox Ltd.» branch «Infoxvodokanal», implemented in accordance with determined PDD version 03 from 07/04/2011. There were some minor deviations from the PDD in terms of installed capacity of pumping equipment and water distribution networks diameters replaced. Changing the installed pump capacity was caused by a change in volume of water that was to be supplied to customers. In some cases, the observed deviation in diameter networks that were replaced, compared with the planned diameter defined at the stage of project development, which were caused by a production	N/a	N/a	OK

DVM Paragraph	Check Item	Initial finding	Action requested to project participants	Review of project Participants' action	Conclusion
		necessity.			
93	What is the status of operation of the project during the monitoring period?	Mainly the project measures are being realized according to the implementation schedule presented in the determined PDD ver.03. as of 07/04/2011. The first reconstruction measures under the project started at the end of 2003. During the monitoring period from January 2008-April 2011 the project was operational and generated emission reduction units, although full completion of installation of all project measures is planned for the end of 2012.	N/a	N/a	Ok
Compliance with monitoring plan					
94	Did the monitoring occur in accordance with the monitoring plan included in the PDD regarding which the determination has been deemed final and is so listed on the UNFCCC JI website?	There are several deviations from the monitoring plan described in the PDD determined. Due to the fact that the original plan provided for monitoring the implementation of design and calculation	**CAR 03.** Please provide a clear reference to the baseline methodology ACM0020 in MR	Required references are provided throughout the text of the MR version 02.	OK

DVM Paragraph	Check Item	Initial finding	Action requested to project participants	Review of project Participants' action	Conclusion
		baseline emissions and emission reductions every year, it was revised in order to make possible the monitoring process for 4 months of 2011 (from January 2011 to April 2011). Formulas to calculate emissions have been adapted to the monitoring period of 1 month for 1 year period, which was established in the initial monitoring plan specified in the PDD. It is possible to make calculations for four months. In order to ensure more accurate results of calculations of emission reduction, and despite the fact that modes of water supply, drainage to some extent depends on the season, was the base value calculation energy per unit volume of water / waste water) for each month 2000-2003/2001-2004 and these historical monthly values were used to determine baseline emissions for each			

DVM Paragraph	Check Item	Initial finding	Action requested to project participants	Review of project Participants' action	Conclusion
		month of the reporting period. The updated formula presented in monitoring reports version 02 dated 06 July 2011.			
95 (a)	For calculating the emission reductions or enhancements of net removals, were key factors, e.g. those listed in 23 (b) (i)-(vii) above, influencing the baseline emissions or net removals and the activity level of the project and the emissions or removals as well as risks associated with the project taken into account, as appropriate?	For calculating the emission reductions, key factors such as increased demand for water amount to be supplied to the customers, applicable tariffs for water supply and drainage, state policies in potable water and potable water supply sector, experience in implementation of measures provided for by the project, existing practice in Ukraine in this sphere, financial costs and experience as well as sectoral policies in the water supply sphere and legislation influencing the baseline emissions and the activity level of the project and the emissions as well as risks associated with the project were taken into account, as appropriate.	N/a	N/a	OK
95 (b)	Are data sources used for calculating emission reductions or enhancements of	Yes, data sources used for calculating emission	**CL 01.** Please specify the name	Analysis and control of	OK

DVM Paragraph	Check Item	Initial finding	Action requested to project participants	Review of project Participants' action	Conclusion
	net removals clearly identified, reliable and transparent?	reductions or enhancements of net removals are clearly identified, reliable and transparent.	of the lab MR, which conducts analysis and control of contaminated wastewater.	contaminated waste water conducts chemical and bacteriological laboratory BWWTP "Pivnichna"or "Pivdenna"	
95 (c)	Are emission factors, including default emission factors, if used for calculating the emission reductions or enhancements of net removals, selected by carefully balancing accuracy and reasonableness, and appropriately justified of the choice?	Yes, emission factors, including the value of emission factors for default were used to calculate emission reductions have been selected with careful observance of the balance between accuracy and economically justified and Thus, emission factors, including the value of emission factors for default were used to calculate emission reductions have been selected with careful observance of the balance between accuracy and economically justified, and this choice was properly grounded. The calculations used ratios of carbon dioxide emissions at power consumption under	**CAR 03**. Please note in Section A.5.1 that the coefficient of carbon dioxide emissions in the electricity consumption used in the calculation of emission reductions in 2011. **CAR 04**. On page 9 of monitoring report version 01 incorrect index EF is used. Please make the appropriate corrections.	The calculations used the ratio of carbon dioxide emissions at power consumption under Decree number 75 of the National Environmental Investment Agency of Ukraine "On approval of indicators specific emissions of carbon dioxide in 2011" from 12.05.2011 year. On page 9 MR version 02, it was noted that factors EF were selected according to the orders of the	The information is given, the issue closed

DVM Paragraph	Check Item	Initial finding	Action requested to project participants	Review of project Participants' action	Conclusion
		Decree number 62 of the National Environmental Investment Agency of Ukraine "On approval of indicators specific emissions of carbon dioxide in 2008" dated 04/15/2011, Order number 63 of the National Environmental Investment Agency of Ukraine "On approval of specific indicators emissions of carbon dioxide in 2009 "from 15/04/2011, the Order number 43 of the National environmental Investment Agency of Ukraine" On approval of indicators specific emissions of carbon dioxide in 2010 "from 28/03/2011 year. Applies only to small-scale .		National Environmental Investment Agency of Ukraine.	
Applicable to JI SSC projects only					
96	Is the relevant threshold to be classified as JI SSC project not exceeded during the monitoring period on an annual average basis? If the threshold is exceeded, is the maximum emission reduction level estimated in the PDD for the JI SSC project or the bundle for the monitoring period determined?	N/a	N/a	N/a	N/a

DVM Paragraph	Check Item	Initial finding	Action requested to project participants	Review of project Participants' action	Conclusion
Applicable to bundled JI SSC projects only					
97 (a)	Has the composition of the bundle not changed from that is stated in F-JI-SSCBUNDLE?	N/a	N/a	N/a	N/a
97 (b)	If the determination was conducted on the basis of an overall monitoring plan, have the project participants submitted a common monitoring report?	N/a	N/a	N/a	N/a
98	If the monitoring is based on a monitoring plan that provides for overlapping monitoring periods, are the monitoring periods per component of the project clearly specified in the monitoring report? Do the monitoring periods not overlap with those for which verifications were already deemed final in the past?	N/a	N/a	N/a	N/a
Revision of monitoring plan					
Applicable only if monitoring plan is revised by project participant					
99 (a)	Did the project participants provide an appropriate justification for the proposed revision?	During the second reporting period of monitoring (01/01/2008 - 30/04/2011) initial monitoring plan described in the registered PDD version 03, was changed by the project participants. Deviations related to the frequency of calculation of emission reduction, which was	N/a	N/a	OK

DVM Paragraph	Check Item	Initial finding	Action requested to project participants	Review of project Participants' action	Conclusion
		changed from 1 year to 1 month in order to enable monitoring for 4 months (from January 2011 to April 2011). The rationale given in Section A.8 in monitoring report.			
99 (b)	Does the proposed revision improve the accuracy and/or applicability of information collected compared to the original monitoring plan without changing conformity with the relevant rules and regulations for the establishment of monitoring plans?	N/a	N/a	N/a	OK
Data management					
101 (a)	Is the implementation of data collection procedures in accordance with the monitoring plan, including the quality control and quality assurance procedures?	Data and their sources, which are contained in the monitoring report are clearly defined, reliable and transparent. Implementation procedures for data collection are in accordance with PDD monitoring plan, including quality control and quality assurance procedures.	**CAR 05**. Please provide information on the frequency / periodicity recording parameters monitored in Annex 2 of "Project and monitoring equipment."	For information on the frequency of monitoring records parameters were provided in Annex 2 to the MR version 02.	Question closed on the basis of the information presented in the Annexes to the MR version 02.
101 (b)	Is the function of the monitoring equipment, including its calibration status	Yes, the equipment used for monitoring, including its	**CAR 06.** Missing dates of	The information on the last calibration	Question is closed on the

DVM Paragraph	Check Item	Initial finding	Action requested to project participants	Review of project Participants' action	Conclusion
	in order?	calibration function properly. According to current legislation "On metrology and metrological activity", all measuring equipment in Ukraine must meet the specified requirements of relevant standards and is subject to a periodic check Calibration of measuring instruments is done in accordance with national standards. (The certificate number 164-EM of 22 June 2005. Metrological certification of the state automated system of commercial metering of electric energy "ALTAR-Infoxvodokanal"; metrological department branch "Infoxvodokanal" Odesastandart-metrology). Evidence and records that are used to monitor, traced properly. Data collection and data concerning the project of Management responsible PDD and monitoring plan. However, no certain date of	last calibration / verification counters listed in Annex 2 to MR. Please provide relevant information.	date of the meters has been provided in Annex 2.	basis of making appropriate corrections

DVM Paragraph	Check Item	Initial finding	Action requested to project participants	Review of project Participants' action	Conclusion
		last calibration / verification of electricity meters and flow of water specified in Schedule 2 to MR (Excel file).			
101 (c)	Are the evidence and records used for the monitoring maintained in a traceable manner?	Certificates and records of monitoring conducted traceable manner. Ltd. "Infox" branch "Infoxvodokanal" collects and stores data on purchased electricity and water for water supply in the form of electricity bills and purchased water. All information needed for monitoring GHG emission reductions, provides: 1) Accounting of electric energy consumed by facilities of "Infox Ltd." branch "Infoxvodokanal"; 2) Accounting of pumped water by the facilities of the enterprise; 3) Accounting of drained wastewater in the drainage system 4) Accounting of drained wastewater by wastewater treatment plants "Pivnichna" and Pivdenna";	N/a	N/a	Ok

DVM Paragraph	Check Item	Initial finding	Action requested to project participants	Review of project Participants' action	Conclusion
		5) Accounting of indicators BOD_{20} in waste water (at the inlet to the treatment plants "Pivnichna" and "Pivdenna") 6) Accounting of electricity to be generated by "Infox Ltd." branch "Infoxvodokanal"; after the installation of small hydropower plants.			
101 (d)	Is the data collection and management system for the project in accordance with the monitoring plan?	The data collection and management system for the project is in accordance with the monitoring plan. The verification team confirms effectiveness of the existing management and operational systems and found them eligible for reliable project monitoring.	**CAR 07**. Scheme representing the structure of monitoring data collection is not correct. Please add information about the scheme of registration data on DPP and TPP.	Appropriate changes were made to Picture 3 "The structure of collecting monitoring data", Section C of MR.	OK
Verification regarding programs of activities (additional elements for assessment)					
102	Is any JPA that has not been added to the JI PoA not verified?	N/a	N/a	N/a	N/a
103	Is the verification based on the monitoring reports of all JPAs to be verified?	N/a	N/a	N/a	N/a
103	Does the verification ensure the accuracy and conservativeness of the emission reductions or enhancements of removals	N/a	N/a	N/a	N/a

DVM Paragraph	Check Item	Initial finding	Action requested to project participants	Review of project Participants' action	Conclusion
	generated by each JPA?				
104	Does the monitoring period not overlap with previous monitoring periods?	N/a	N/a	N/a	N/a
105	If the AIE learns of an erroneously included JPA, has the AIE informed the JISC of its findings in writing?	N/a	N/a	N/a	N/a
Applicable to sample-based approach only					
106	Does the sampling plan prepared by the AIE: (a) Describe its sample selection, taking into account that: (i) For each verification that uses a sample-based approach, the sample selection shall be sufficiently representative of the JPAs in the JI PoA such extrapolation to all JPAs identified for that verification is reasonable, taking into account differences among the characteristics of JPAs, such as: − The types of JPAs; − The complexity of the applicable technologies and/or measures used; − The geographical location of each JPA; − The amounts of expected emission reductions of the JPAs being verified; − The number of JPAs for which	N/a	N/a	N/a	N/a

DVM Paragraph	Check Item	Initial finding	Action requested to project participants	Review of project Participants' action	Conclusion
	emission reductions are being verified; − The length of monitoring periods of the JPAs being verified; and − The samples selected for prior verifications, if any?				
107	Is the sampling plan ready for publication through the secretariat along with the verification report and supporting documentation?	N/a	N/a	N/a	N/a
108	Has the AIE made site inspections of at least the square root of the number of total JPAs, rounded to the upper whole number? If the AIE makes no site inspections or fewer site inspections than the square root of the number of total JPAs, rounded to the upper whole number, then does the AIE provide a reasonable explanation and justification?	N/a	N/a	N/a	N/a
109	Is the sampling plan available for submission to the secretariat for the JISC's ex ante assessment? (Optional)	N/a	N/a	N/a	N/a
110	If the AIE learns of a fraudulently included JPA, a fraudulently monitored JPA or an inflated number of emission reductions claimed in a JI PoA, has the AIE informed the JISC of the fraud in writing?	N/a	N/a	N/a	N/a

TABLE 2 RESOLUTION OF CLARIFICATION AND CORRECTIVE ACTION REQUESTS

Clarification and corrective action requests issued by the verification team	Ref to checklist question in Table 1	Summary of project participant's response	Verification team conclusion
CAR 01. Please provide information about approval of the project by the party-buyer of emission reduction units.	90	Project Development and improvement of water supply system, drainage system and wastewater treatment of «Infox Ltd.» branch «Infoxvodokanal». Letter of Approval № J294-0485, issued by the Federal Service for Environmental Switzerland (FOEN) as of 28/06/2011 was not submitted to the verification group.	CAR 01 is closed based on the provided information in the MR ver.02.
CAR 02. Please provide a clear reference to the methodology ACM0020 baseline in MR.	94	Required references are provided throughout the text version of the MR version 02.	Corrections were made, the issue is closed.
CAR 03. Please note in Section A.5.1 that the coefficient of carbon dioxide emissions in the electricity consumption used in the calculation of emission reductions in 2011.	95(c)	The calculations used the ratio of carbon dioxide emissions at power consumption under Decree number 75 of the National Environmental Investment Agency of Ukraine "On approval of indicators specific emissions of carbon dioxide in 2011" from 12.05.2011.	Information was provided, the issue is closed.

CAR 04. On page 9 of monitoring report version 01 incorrect factor EF. Please make the appropriate corrections.	95 (c)	On page 9 P version 02, it was noted that factors EF were selected according to the orders of the National Environmental Investment Agency of Ukraine.	Corrections were made, the issue is closed.
CAR 05. Please provide information on the frequency / periodicity recording parameters monitored in Annex 2 of "Project and monitoring equipment."	101 (a)	Information regarding the date of last calibration of meters and flow meters are given in Annex 2 to MR.	CAR is closed based on the provided information in the MR ver.02.
CAR 06. Please provide date of last calibration / verification of electricity meters and water flow, which are absent in Annex 2 to the MR (Excel file).	101 (b)	Information regarding the date of last calibration of meters and flow meters are given in Annex 2 to MR.	Corrections were made, the issue is closed.
CL 01. Please specify the lab name in MR, which conducts analysis and control of contaminated wastewater.	95 (b)	Analysis and control of contaminated waste water conducts chemical and bacteriological laboratory BWWTP "Pivnichna" and Pivdenna"	Relevant information is provided, the issue is closed. .