



**BUREAU
VERITAS**

VERIFICATION REPORT **SIA “VIDZEME EKO”**

VERIFICATION OF THE WASTE HEAP DISMANTLING AT FORMER MINE VODYANSKA #2

INITIAL AND FIRST PERIODIC FOR 03/03/2008-31/10/2012

BUREAU VERITAS CERTIFICATION

REPORT No. UKRAINE-VER/0878/2012

REVISION No. 01



VERIFICATION REPORT: WASTE HEAP DISMANTLING AT FORMER MINE VODYANSKA #2

Date of first issue: 10/12/2012	Organizational unit: Bureau Veritas Certification Holding SAS
Client: SIA "Vidzeme Eko"	Client ref.: Victor Tkachenko

Summary:
Bureau Veritas Certification has made the initial, 1st periodic verification of the "Waste heap dismantling at former mine Vodyanska #2", project of SIA "Vidzeme Eko" located in Bilytske town, Dobropilskyi District, Donetsk Region, Ukraine, and applying JI specific approach, on the basis of UNFCCC criteria for the JI, as well as criteria given to provide for consistent project operations, monitoring and reporting. 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.

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 defined verification period, and consisted of the following three phases: i) desk review of the monitoring report against 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 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 3 676 623 tonnes of CO₂ equivalent for the monitoring period from 03/03/2008 to 31/10/2012 (690646 tCO₂eq for 03/03/2008-31/12/2008, 814370 tCO₂eq for 01/01/2009-31/12/2009, 770421 tCO₂eq for 01/01/2010-31/12/2010, 756605 tCO₂eq for 01/01/2011-31/12/2011, 644581 tCO₂eq for 01/01/2012-31/10/2012).

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/0878/2012	Subject Group: JI
Project title: Waste heap dismantling at former mine Vodyanska #2	
Work carried out by: Svitlana Gariyenchyk – Team Leader, Lead Verifier Vyacheslav Yeriomin – Team Member, Verifier	
Work reviewed by: Ivan Sokolov - Technical Reviewer Vasyl Kobzar – Technical Specialist	
Work approved by: Ivan Sokolov - Operational Manager	
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1 INTRODUCTION

SIA "Vidzeme Eko" has commissioned Bureau Veritas Certification to verify the emissions reductions of its JI project "Waste heap dismantling at former mine Vodyanska #2" (hereafter called "the project") at Bilytske town, Dobropilskyi District, Donetsk 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.

1.1 Objective

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

The objective of verification can be divided in 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, monitoring plan and monitoring report, 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:

Svitlana Gariyenchyk
Bureau Veritas Certification Team Leader, Climate Change Verifier

Vyacheslav Yeriomin
Bureau Veritas Certification Climate Change Verifier

This verification report was reviewed by:

Ivan Sokolov
Bureau Veritas Certification, Internal Technical Reviewer



Vasyl Kobzar
Bureau Veritas Certification, Technical Specialist

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 SIA "Vidzeme Eko" and additional background documents related to the project design and baseline, i.e. country Law, Project Design Document (PDD), and/or Guidance on criteria for baseline setting and monitoring, Host party criteria, 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 version(s) 2.0 and project as described in the determined PDD.

2.2 Follow-up Interviews

On 01/12/2012 Bureau Veritas Certification performed on-site interviews with project stakeholders to confirm selected information and to resolve issues identified in the document review. Representatives of PE "Dniprostalsnab" and SIA "Vidzeme Eko" were interviewed (see References). The main topics of the interviews are summarized in Table 1.

**Table 1 Interview topics**

Interviewed organization	Interview topics
PE "Dniprostalsnab"	<ul style="list-style-type: none"> • Organizational structure • Responsibilities and authorities • Roles and responsibilities for data collection and processing • Installation of equipment • Data logging, archiving and reporting • Metering equipment control • Metering record keeping system, database • IT management • Training of personnel • Quality management procedures and technology • Internal audits and check-ups
CONSULTANT SIA "Vidzeme Eko"	<ul style="list-style-type: none"> • Baseline methodology • Monitoring plan • Monitoring report • Excel spreadsheets

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 actions and clarification 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 Verification Team 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.

The Verification Team will make an objective assessment as to whether the actions taken by the project participants, if any, satisfactorily resolve the issues raised, if any, and should conclude its findings of the verification.



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, in the following sections and are further documented in the Verification Protocol in Appendix A. The verification of the Project resulted in 3 Corrective Action Requests, 1 Clarification Requests, and 0 Forward Action Requests.

The number between brackets at the end of each section corresponds to the DVM paragraph.

3.1 Remaining issues and FARs from previous verifications

There is no FAR available from determination process, provided by Bureau Veritas Certification.

3.2 Project approval by Parties involved (90-91)

The project was approved by both Parties Involved. Letter of Approval #3786/23/7 dated 07/12/2012 issued by State Environment Investment Agency of Ukraine. Letter of Approval 12.2-02/15061 dated 15/11/2012 issued by Ministry of Environment protection and regional development of Republic Latvia

The abovementioned written approval is unconditional.

Identified problem areas for project approvals by Parties Involved, project participants' responses and conclusions of Bureau Veritas Certification are described in Annex A (refer to CAR01)

3.3 Project implementation (92-93)

Proposed project consists in full dismantling of waste heap of former "Vodyanska #2" mine with sorting of obtained coal containing rock mass. Proposed project encompasses abovementioned waste heap, mobile sorting Unit McCloskey R155 and point of coal saving (sheds) Private enterprise "DNIPROSTALSNAB" is owner of waste heap. Technologies employed in the project activity are described below The rock mass after dismantling by bulldozers is loaded by Loaders into the transportable sifter McCloskey R155 (for sorting into classes 0-30 mm and +30 mm).



Product of sifter screens +30 mm through discharge conveyor, equipped with built-in nozzles for humidification, is filled on the intermediate platform without significant accumulation. From the intermediate platform this fraction is loaded into trucks and transported to the consumer.

Product of sorting class 0-30 through discharge conveyor equipped with built-in nozzles for humidification is emptied on the intermediate platform without significant accumulation, where loader loads it in vehicles or on a platform (warehouse) for storage. Warehouse is used if necessary without long-term storage. From storage the rock mass 0-30 mm by loader is loaded into vehicles for further transporting to consumer. Waste is transported to the flat dump near the dismantled old.

Class +30 mm is expected (as required under discharging tray of sifter) to be loaded into transports and delivered to customers for building and repairing of category 4-5 roads. Class 0-30 mm is loaded into transports and undergoes a mandatory procedure of weighting and is sent to the consumer for blending and subsequent combustion in the thermal power plants or boiler houses. Blending of fraction (0-30) with a steam coal allows to realize the fine finishing of quality the energy coal to the requirements of Standart 4083-2002, without compromising the quality of fuel on the one hand, but resulting in saving valuable energy coal on the other hand.

Main work characteristics of heavy transporting vehicles and equipment of coal beneficiation plant are provided in the section A.4.2 of the PDD.

Data on waste heaps such a geographical coordinates, mass value of containing rocks, physical measures, main work characteristics of heavy transporting vehicles and equipment of coal beneficiation plant are provided in the PDD.

Installation of equipment for waste heap dismantling was begun in 06/02/2008. Crediting period for ERUs generation and waste heap dismantling started 03/03/2008.

Level of project activity is depended by coal demand at Ukrainian market. Project owner doesn't keep coal at warehouses and produce beneficiated rock mass as when necessary.

Project boundaries described in the determined PDD are kept; coal from another waste heaps doesn't uses in project.

Difference between estimated emission reductions indicated in the PDD and provided in the Monitoring report is not observed. Factually PDDs calculations are performed ex-post for monitoring.



Identified problem areas for project implementation status, project participants' responses and conclusions of Bureau Veritas Certification are described in Annex A (refer to CL01)

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

For calculating the emission reductions, key factors, such as availability of work power and financing, seasonal coal requirement on Ukraine inside market, prices of diesel fuel and electric energy, 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.

Data sources used for calculating emission reductions, such as work forecasts, bookkeepers invoices, laboratory analysis samples, work logbooks are clearly identified, reliable and transparent.

Emission factors, including default emission factors, are selected by carefully balancing accuracy and reasonableness, and appropriately justified of the choice. Default emission factors, such as emission factor for electricity consumption, carbon content in diesel fuel and coal, are in line with Ukraine National GHG Inventory report for 1990-2010 years.

The calculation of emission reductions is based on conservative assumptions and the most plausible scenarios in a transparent manner.

3.5 Revision of monitoring plan (99-100)

"Not applicable"

3.6 Data management (101)

The data and their sources, provided in monitoring report, are clearly identified, reliable and transparent.

The implementation of data collection procedures is in accordance with the monitoring plan, including the quality control and quality assurance procedures.

The function of the monitoring equipment, including its calibration status, is in order.

Consumption of diesel fuel is accounting by bookkeeper invoices.

The evidence and records used for the monitoring are maintained in a traceable manner. Initially data on value and quality of produced coal, track's load, diesel fuel consumption, waste heap mass quantity is obtained from



logbooks of relevant work suppliers. The data on electricity consumed is obtained from monthly reports of Regional Electric Network.

The data required to monitor JI project is routinely collected within the normal operations of the “Tandem-2006” LLC laboratory and sorting unit of “Finans-Media” LLC therefore JI monitoring is integral part of routine monitoring

The data collection and management system for the project is in accordance with the monitoring plan. Data monitoring and collection system described in the monitoring report is adequate and working.

Identified problem areas applicable for project data management, responses of project participants, Bureau Veritas Certification conclusions are listed in the Annex A Verification protocol (see CAR02)

3.7 Verification regarding programmes of activities (102-110)

“Not applicable”

4 VERIFICATION OPINION

Bureau Veritas Certification has performed the initial, 1st periodic, verification of the “Waste heap dismantling at former mine Vodyanska #2” Project in Bilytske town, Dobropilskyi District, Donetsk Region, Ukraine, which applies JI specific approach. The verification was performed on the basis of UNFCCC criteria and host country criteria and also on the criteria given to provide for consistent project operations, monitoring and reporting.

The verification consisted of the following three phases: i) desk review of the monitoring report against the 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 SIA “Vidzeme Eko” 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 2.0. The development and maintenance of records and reporting procedures 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 verified the Project Monitoring Report version 2.0 for the reporting period as indicated below. 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.



Bureau Veritas Certification can confirm that the GHG emission reduction is accurately calculated and is free of material errors, omissions, or 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, with a reasonable level of assurance, the following statement:

Reporting period: From 03/03/2008 to 31/10/2012

Baseline emissions	: 2852939	tonnes of CO2 equivalent.
Project emissions	: 67974	tonnes of CO2 equivalent.
Leakages	: -891658	tonnes of CO2 equivalent.
Emission Reductions	: 3 676 623	tonnes of CO2 equivalent.

From 03/03/2008 to 31/12/2008

Baseline emissions	: 535453	tonnes of CO2 equivalent.
Project emissions	: 12298	tonnes of CO2 equivalent.
Leakages	: -167491	tonnes of CO2 equivalent.
Emission Reductions	: 690646	tonnes of CO2 equivalent.

From 01/01/2009 to 31/12/2009

Baseline emissions	: 629252	tonnes of CO2 equivalent.
Project emissions	: 14917	tonnes of CO2 equivalent.
Leakages	: -200035	tonnes of CO2 equivalent.
Emission Reductions	: 814370	tonnes of CO2 equivalent.

From 01/01/2010 to 31/12/2010

Baseline emissions	: 596893	tonnes of CO2 equivalent.
Project emissions	: 14375	tonnes of CO2 equivalent.
Leakages	: -187903	tonnes of CO2 equivalent.
Emission Reductions	: 770421	tonnes of CO2 equivalent.

From 01/01/2011 to 31/12/2011

Baseline emissions	: 589513	tonnes of CO2 equivalent.
Project emissions	: 14530	tonnes of CO2 equivalent.
Leakages	: -181622	tonnes of CO2 equivalent.
Emission Reductions	: 756605	tonnes of CO2 equivalent.

From 01/01/2012 to 31/10/2012

Baseline emissions	: 501828	tonnes of CO2 equivalent.
Project emissions	: 11854	tonnes of CO2 equivalent.
Leakages	: -154607	tonnes of CO2 equivalent.
Emission Reductions	: 644581	tonnes of CO2 equivalent.



5 REFERENCES

Category 1 Documents:

Documents provided by SIA "Vidzeme Eko" that relate directly to the GHG components of the project.

- /1/ Project Design Document "Waste heap dismantling at former mine Vodyanska #2" version 2.0 dated 03/12/2012
- /2/ Monitoring Report "Waste heap dismantling at former mine Vodyanska #2" version 1.0 dated 09/12/2012
- /3/ Monitoring Report "Waste heap dismantling at former mine Vodyanska #2" version 2.0 dated 17/12/2012
- /4/ ERUs calculation Excel-file "Calculation _T37.xls"
- /5/ Letter of Approval #3786/23/7 dated 07/12/2012 issued by State Environment Investment Agency of Ukraine
- /6/ Letter of Approval # 12.2-02/15061 dated 15/11/2012 issued by Ministry of Environment Protection and Regional development of Republic Latvia

Category 2 Documents:

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

- /1/ Certificate. Automobile electronic tensometric scales VTA-60
- /2/ Delivery Agreement of carbonaceous fraction between "MERYDIAN 2008" Ltd and "AMG DEVELOPMENT" Ltd #3391 from 03/03/2008 (in Russian)
- /3/ Delivery Agreement of carbonaceous fraction between "MURTA-LUX" Ltd and "TD PFK REGION - STAL" #3045 from 03/01/2012 (in Russian)
- /4/ Subcontract of works # 3017 from 03/03/2008 between "MERYDIAN 2008" Ltd and "ASKANIYA 2008" Ltd for waste heap dismantling.
- /5/ Subcontract of works # 3018 from 03/03/2008 between "MURTA-LUX" Ltd and "FINANS-MEDIA" Ltd for waste heap dismantling.
- /6/ Works contract #1054 from 03/03/2008 between "Dniprostalsnab" Ltd (customer) and "MERYDIAN 2008" Ltd (performer) of waste heap dismantling.
- /7/ Works contract #3034 from 03/03/2008 between PE "Dniprostalsnab" (customer) and "MURTA-LUX" Ltd (performer) of waste heap dismantling.
- /8/ Certificate of coal quality 2009-2012
- /9/ Attestation Certificate of "Tandem 2006" Ltd
- /10/ Verification Certificate of measuring technique, electronic scales ANG – 200C, valid till 25/07/08.
- /11/ Verification Certificate of measuring technique, electronic scales ANG – 200C, valid till 25/08/09.
- /12/ Verification Certificate of measuring technique, electronic scales ANG – 200C, valid till 10/09/10.



- /13/ Verification Certificate of measuring technique, electronic scales ANG – 200C, valid till 27/10/11.
- /14/ Verification Certificate of measuring technique, electronic scales ANG – 200C, valid till 27/12/12.
- /15/ Certificate of measuring technique, electronic scales ANG – 200C
- /16/ Log journal of equipment and sieves of chemical laboratory of “Tandem” Ltd.
- /17/ Passport and Certificates of vibratory mill 75T-DRM
- /18/ Passport and Certificates of electric furnace SNOL 7.2/1100
- /19/ Passport and Certificates of laboratory sieve
- /20/ Passport and Certificates of drying box SNOL 58/350
- /21/ Passport and Certificates of drying box SNOL 100/350
- /22/ Passport on dismantled waste heap
- /23/ Sale invoices on coal 0-30 mm, March 2008-October 2012
- /24/ Sale invoices on diesel fuel, March 2008-October 2012
- /25/ Statements on coal weighting, March 2008-October 2012

Persons interviewed:

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

- /1/ Gints Klavinsh - SIA “Vidzeme Eko” JI Project Manager
- /2/ Tymofeev Sergiy Petrovych - SIA “Vidzeme Eko” JI Consultant
- /3/ Stah Yuri Mykhailovych - SIA “Vidzeme Eko” JI Consultant
- /4/ Olena Mykolaivna Petrenko - PE “Tandem 2006” Ltd. Head of Laboratory
- /5/ Petro Hryhorovych Sydelnykov - “FINANS-MEDIA” Ltd. Production Manager
- /6/ Lyudmyla Fedorivna Morozova - “MIRTA-LUX” Ltd. manager of TCD
- /7/ Sergii Anatoliyovych Kornilov – director of PE “Dniprostalsnab”

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APPENDIX A: VERIFICATION PROTOCOL

VERIFICATION PROTOCOL

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

DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
Project approvals by Parties involved				
90	Has the DFPs 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 was approved by Party-buyer of ERUs. Letter of Approval #12.2-02/15061 has been issued by Ministry of Environment protection and Regional development of Republic Latvia. <u>CAR01</u> Please provide Letter of Approval from Ukrainian DFP	CAR01	OK
91	Are all the written project approvals by Parties involved unconditional?	The abovementioned project approvals are unconditional	OK	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?	<u>CL01</u> Please clarify if project equipment was changed during the monitoring period	CL01	OK
93	What is the status of operation of the project during the monitoring period?	The project was in operation during the monitoring period. The main decisive factors are provided in the MR	OK	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 monitoring was provided in accordance with the monitoring plan, included in the determined PDD	OK	OK



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DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
	the UNFCCC JI website?			
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?	The key factors listed in the sections 23 (b) (i)-(vii) of DVM are taken into account	OK	OK
95 (b)	Are data sources used for calculating emission reductions or enhancements of net removals clearly identified, reliable and transparent?	The data sources used for emission reduction calculations are clearly identified, reliable and transparent	OK	OK
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?	Emission factors used for calculating the emission reductions are in line with National GHG Inventory Report, approved by Ukrainian DFP	OK	OK
95 (d)	Is the calculation of emission reductions or enhancements of net removals based on conservative assumptions and the most plausible scenarios in a transparent manner?	The calculation of emission reductions are based on most plausible scenarios and conservative assumptions in a transparent manner	OK	OK
Applicable to JI SSC projects only_Not applicable				
Applicable to bundled JI SSC projects only_Not Applicable				
Revision of monitoring plan				
Applicable only if monitoring plan is revised by project participant				
99 (a)	Did the project participants provide an	Not applicable	Not	Not



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DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
	appropriate justification for the proposed revision?		applicable	applicable
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?	Not applicable	Not applicable	Not applicable
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?	The implementation of data collection procedures is in accordance with the monitoring plan, including quality control and quality assurance procedures	OK	OK
101 (b)	Is the function of the monitoring equipment, including its calibration status, in order?	<u>CAR02</u> The table 2 indicates only data for initial and last calibration. Please add data on intermediate calibrations	CAR02	OK
101 (c)	Are the evidence and records used for the monitoring maintained in a traceable manner?	The evidences and records are used for monitoring in a traceable manner	OK	OK
101 (d)	Is the data collection and management system for the project in accordance with the monitoring plan?	The data collection and management system in in accordance with the monitoring plan	OK	OK
Verification regarding programmes of activities (additional elements for assessment)				
Applicable to sample-based approach only				



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Table 2 Resolution of Corrective Action and Clarification Requests

Draft report clarification and corrective action requests by verification team	Ref. to checklist question in table 1	Summary of project participant response	Verification team conclusion
<u>CAR01</u> Please provide Letter of Approval from Ukrainian DFP	90	Letter of approval from SEIA # 3786/23/7 from 07.12.2012. Added in Section A.6.	The issue is closed
<u>CAR02</u> The table 2 indicates only data for initial and last calibration. Please add	101 (b)	Data on the intermediate calibrations is added in Table 2, Section B.1.2.	The issue is closed
<u>CL01</u> Please clarify if project equipment was changed during the monitoring period	92	Project equipment used for the rock beneficiation has not been replaced during the monitoring period and additional equipment has not been installed.	The issue is closed