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# VALIDATION OPINION FOR REVISION OF REGISTERED MONITORING PLAN

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**ASJA Ambiente Italia Spa – Aria.biz**

**Puente Gallego Landfill gas  
recovery Project, Gallego, Rosario,  
Argentina**

**UNFCCC Reference Number: 0431**

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**SGS Climate Change Programme**

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<b>Date of Issue:</b>		<b>Project Number:</b>	
04-05-2007		CDM.Ver0130	
<b>Project Title:</b>		<b>Organisational Unit:</b>	
Puente Gallego Landfill gas recovery project, Gallego, Rosario, Argentina		SGS Climate Change Programme	
<b>Revision Number:</b>		<b>Client:</b>	
1		ASJA Ambiente Italia Spa – Aria.biz	
<b>Subject:</b>		<b>Indexing Terms</b>	
Validation of Revised Monitoring Plan			
<b>Team Member:</b>			
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<b>Technical Review:</b>		<input checked="" type="checkbox"/> No Distribution (without permission from the Client or responsible organisational unit)	
Name: Siddharth Yadav Date: 10.06.2008		<input type="checkbox"/> Limited Distribution	
<b>Authorized Signatory:</b>		<input type="checkbox"/> Unrestricted Distribution	
Name: Siddharth Yadav			
<b>Date of Final Decision:</b>	<b>Number of Pages:</b>		
11.06.2008	8		



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## 1. Introduction

### 1.1 Objective

Paragraph 57 of the modalities and procedures for the CDM allow project participants to revise monitoring plans in order to improve accuracy and/or completeness of information, subject to the revision being validated by a Designated Operational Entity.

The Executive Board has requested SGS and Project Participant to perform the revision of monitoring plan according to the procedure detailed in EB35 meeting report. The original monitoring plan is part of the PDD of the registered CDM project: Puente Gallego Landfill gas recovery project, Gallego, Rosario, Argentina, UNFCCC reference number 0431. The purpose of this validation is to have an independent third party assessment to the revision of monitoring plan, in particular, the level of accuracy or completeness in the proposed revision of the monitoring plan, and the conformity with the approved monitoring methodology applicable to the project activity.

### 1.2 Scope

The scope of the validation is defined as an independent and objective review of the revision of monitoring plan and other relevant documents. The information in these documents is reviewed against Kyoto Protocol requirements, UNFCCC rules and associated interpretations. SGS has employed a risk-based approach in the validation, focusing on the identification of significant risks for project implementation and the generation of CERs.

According to the request received from UNFCCC, the PP and DOE is requested to revise current monitoring plan, details of the request are as below:

- (a) *5,244 CERs for “Puente Gallego Landfill gas recovery project, Gallego, Rosario, Argentina” (0431), taking note of the initial comments from the DOE (SGS) and project participant in response to the request for review. The Board further noted that the DOE should submit a request for revision of the monitoring plan prior to the next request for issuance.*

*The request for revision of monitoring plan for PA 0431 was considered by Chairs of The Board and The Meth Panel, however, it has been noted that:*

- (a) *The proposed revision does not include monitoring of “LFG temperature and pressure” as specified by the applied methodology AM0011.*
- (b) *The proposed revision includes “amount of methane flared” which is not required as per the methodology.*

*SGS was informed that the revision of monitoring plan can be accepted if above requirements are met in accordance with the methodology.*

The validation is not meant to provide any consulting towards the Client. However, stated requests for clarifications and/or corrective actions may provide input for improvement of the project design.

### 1.3 GHG Project Description

Puente Gallego Landfill gas recovery project, Gallego, Rosario, Argentina was registered on 9 September 2006, UNFCCC Ref number 0431, and the crediting period are from 16 Sep 2006 to 15 Sep 2016 (Fixed). Till 25 February 2007, there has been 1 issuance of CERs for this project.

### 1.4 The Names and Roles of the Validation Team Members

Name	Role
Fabian Gonçalves	Lead Assessor

## 2. Methodology

### 2.1 Review of Documentation

The validation is performed primarily as a document review of the proposed revision of monitoring plan, registered PDD, approved methodology and relevant EB guidance and meeting reports. The assessment is performed by trained assessors.

### 2.2 Findings

As an outcome of the validation process, the team can raise different types of findings

In general, where insufficient or inaccurate information is available and clarification or new information is required the Assessor shall raise a **New Information Request (NIR)** specifying what additional information is required.

Where a non-conformance arises the Assessor shall raise a **Corrective Action Request (CAR)**. A CAR is issued, where:

- I. mistakes have been made with a direct influence on project results;
- II. validation protocol requirements have not been met; or
- III. there is a risk that the project would not be accepted as a CDM project or that emission reductions will not be verified.

The validation process may be halted until this information has been made available to the assessors' satisfaction. Failure to address a NIR may result in a CAR. Information or clarifications provided as a result of an NIR may also lead to a CAR.

**Observations** may be raised which are for the benefit of future projects and future verification or validation actors. These have no impact upon the completion of the validation or verification activity.

Corrective Action Requests and New Information Requests are raised in the draft validation protocol and detailed in a separate form to his report if applicable. In this form, the Project Developer is given the opportunity to "close" outstanding CARs and respond to NIRs and Observations.

### 2.3 Internal Quality Control

Following the completion of the assessment process and a recommendation by the Assessment team, all documentation will be forwarded to a Technical Reviewer. The task of the Technical Reviewer is to check that all procedures have been followed and all conclusions are justified. The Technical Reviewer will either accept or reject the recommendation made by the assessment team.

### **3. Determination Findings**

The additional activities not included in the registered monitoring plan and SGS opinion to the revised monitoring plan is as below:

#### **3.1 Amount of Landfill Gas Collected From the Project Wells is a Measured Data.**

SGS opinion to the revised monitoring plan: The revised monitoring plan is in accordance with the AM0011 version 02 methodology, which also reflects that the amount of landfill gas collected from the project wells is measured and not calculated as presented in the registered PDD.

No findings were raised in this regard.

#### **3.2 Amount of Landfill Gas Flared is a Measured Data**

SGS opinion to the revised monitoring plan: The revised monitoring plan is in accordance with the AM0011 version 02 methodology, which also reflects that the amount of landfill gas flared is measured and not calculated as presented in the registered PDD. As there is only one flare installed and no electricity generation the amount of landfill gas collected from the project wells and the amount of landfill gas flared is the same.

No findings were raised in this regard.

#### **3.3 LFG Temperature and Pressure.**

The revised monitoring plan is in accordance with the AM0011 version 02 methodology, which also reflects that the landfill gas pressure and temperature is measured and used to normalize the flow. These parameters are not directly used in the CER calculation.

No findings were raised in this regard.

#### **3.4 Amount of Methane Flared.**

The revised monitoring plan is in accordance with the AM0011 version 02 methodology, which also reflects that the amount of methane flared was excluded from the monitoring plan. This parameter is not required by the methodology used.

No findings were raised in this regard.

#### 4. Validation Opinion

SGS has performed a validation of the revision of monitoring plan for registered project: Puente Gallego Landfill gas recovery project, Gallego, Rosario, Argentina, UNFCCC reference number 0431. The validation was performed following the UNFCCC criteria and in accordance of EB35 meeting report.

The proposed revision of monitoring plan is now reflecting correct practice of measured data and not calculated. Previous and future monitoring operation/result is thus not impacted by this revision.

Furthermore, we confirm that:

- (a) the proposed revision of the monitoring plan ensures that the level of accuracy or completeness in the monitoring and verification process is not reduced as a result of the revisions;
- (b) the proposed revision of the monitoring plan is in accordance with the approved monitoring methodology applicable to the project activity;
- (c) no findings regarding the content of this revision were raised in previous verification reports.

The validation is based on the information made available to SGS and the engagement conditions detailed in the report. The validation has been performed using a risk based approach as described above. The only purpose of this report is its use during the approval process detailed in EB35 meeting report and email received in 22/04/2008 from the CDM Registration and Issuance Team. Hence SGS can not be held liable by any party for decisions made or not made based on the validation opinion, which will go beyond that purpose.



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SGS Brazil  
Lead Assessor

Name: Siddharth Yadav  
SGS United Kingdom Ltd.  
Technical Reviewer

## 5. Document References

Category 1 Documents (documents provided by the Client that relate directly to the revision of monitoring plan):

- /1/ Revised Monitoring Plan: Section D of PDD of Puente Gallego Landfill gas recovery project, Gallego, Rosario, Argentina

Category 2 Documents (background documents used to check project assumptions and confirm the validity of information given in the Category 1 documents and in validation interviews):

- /2/ EB35 meeting report
- /3/ Registered PDD: Puente Gallego Landfill gas recovery project, Gallego, Rosario, Argentina, UNFCCC reference number 0431
- /4/ AM0011 version 02

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