



LN 8428-ME

Supplemental Letter No. 2

MONTENEGRO

October 10, 2014

International Bank for
Reconstruction and Development
1818 H Street, N.W.
Washington, D.C. 20433
United States of America

Re: Loan No. 8428-ME
(Montenegro Industrial Waste Management and Cleanup
Project)
Performance Monitoring Indicators

Dear Sirs and Mesdames:

This refers to the provisions of paragraph 1 of Section II.A of Schedule 2 to the Loan Agreement of this date between the Montenegro (the Borrower) and the International Bank for Reconstruction and Development (the Bank) for the above-captioned Project.

The Borrower hereby confirms to the Bank that the indicators set forth in the attachment to this letter shall serve as a basis for the Borrower to monitor and evaluate the progress of the Project and the achievement of the objectives thereof.

Very truly yours,

MONTENEGRO

By 
Authorized Representative

Attachment

**Montenegro Industrial Waste Management and Cleanup Project
Performance Monitoring Indicators**

Project Development Objective

The Development Objective of the project is to reduce contamination of Montenegro’s natural resources and public health risks of exposure to this contamination from selected industrial waste disposal sites.

Project Development Objective Indicators

Indicator Name	Core	Unit of Measure	Baseline	Cumulative Target Values					Frequency	Data Source/ Methodology	Responsibility for Data Collection
				YR1	YR2	YR3	YR4	End Target			
Contaminated land managed or (industrial) dump sites closed under the Project	C	Hectares	0	1	6.5	54	110	110	Annual	Quarterly Design and Works Progress Reports	EPA, supervising engineer
Reduction of pollution exposures paths by remediation measures		Number of pollution exposure paths eliminated	No remediation measures in place, all sites cause pollution through exposure paths (i) air, (ii) soil and groundwater and (iii) run-off water; no (0) exposures paths controlled (out of 12 paths present)	Remediation design, verification of design adequacy to eliminate pollution exposure paths and related risks; no (0) exposure paths under control	Implementa- tion of remediation works	Implementa- tion of remediation works	Implementa- tion of remediation works	Expert verification of technical integrity of remediation works and control measures cutting all 12 pollution exposure paths	Annual	Quarterly Design and Works Progress Reports, environmental monitoring data for all four sites, remediation works hand-over and expert verification reports	EPA, supervising engineer

Intermediate Result (Regulatory Framework for Future Industrial Waste Management)

<p>Intermediate Result Indicator Five: Support further development of a national registration system for industrial and hazardous waste management</p>		<p>No system available</p>	<p>System specification, updated inventory of waste generators and estimate of annual waste volumes</p>	<p>System operational</p>	<p>System applied, 20% of estimated total waste flows recorded</p>	<p>System applied, 50% of estimated total waste flows recorded</p>	<p>System applied, 70% of estimated total waste flows recorded</p>	<p>System applied, 80% of estimated total waste flows recorded</p>	<p>Annual</p>	<p>Number of industries, annual waste volumes and waste flows recorded</p>	<p>EPA</p>
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