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THE BAHAMAS

SOLID WASTE MANAGEMENT PROGRAM

(BH-0008)

PROJECT PERFORMANCE MONITORING REPORT (PPMR)

1999

PROJECT PERFORMANCE MONITORING REPORT (PPMR)

I. BASIC DATA

PROJECT: BH0008

TITLE: SOLID WASTE MANAGEMENT

Borrower: THE COMMONWEALTH OF THE BAHAMAS
Executing Agency: MINISTRY OF HEALTH AND ENVIRONMENT

Country: BH
Loan(s): 1170/OC-BH
Sector: PA
Project Modality: INVESTMENT

Sector Specialist: OSCARSP
HQ Staff Member Assigned: EDUARDOAF

Date of Latest Report Update: 09-Dec-1999
Date of Latest Representative Review: 10-Dec-1999

Date of Board Approval: 17-Feb-1999
Date of Contract: 29-Oct-1999
Date of Eligibility: 10-Dec-1999
Date of Final Disbursement: 29-Apr-2003
Years in Execution: 0
Cumulative Extension of Final Disb. Date: 0 Month(s)

Original Loan(s) Amount(s): 23,500,000
Current Loan(s) Amount(s): 23,500,000
Cancellations: 0
Disbursements: 2,335,364
% Disbursed: 9.94

Original Cost: 0
Counterpart: 10,000,000
Current Cost: 33,500,000

II. PROJECT PURPOSE(S)/DEVELOPMENT OBJECTIVE(S) AND KEY PERFORMANCE INDICATORS

Project Development Objective(s):	Key Performance Indicators:
Safe and efficient disposal of solid waste	<p>1.1 Compaction of 750 kg/m3 is obtained at the Harrold Road Landfill.</p> <p>1.2 Odors not detectable from landfill-yard waste shredding facility</p> <p>1.3 No increase in baseline contaminants concentration in downstream monitoring stations.</p> <p>1.4 Closure of existing dump.</p> <p>1.5 Odors not detectable from modified landfills in the Family Islands.</p> <p>1.6 Closure of illegal dumps in the Family Islands</p>

Have project development objective(s) changed since Board approval?	No
Have project development objective(s) and indicators been agreed to with borrowers/executing agencies?	Yes
Have project development objective(s) and indicators changed since the last report?	No
Has the project been officially restructured?	No
Is the borrower maintaining performance indicator data?	Yes

III. PROJECT IMPLEMENTATION PROGRESS

Components/Outputs:	Key Delivery Performance Indicators:
<p>1. Physical facilities built and in operation.</p> <p><u>Classification:</u>Satisfactory (S)</p>	<p>1.1 First phase of the Harrold Road landfill built and in operation by Dec 2000. Status: The Loan contract was signed on Oct 29, 1999. Contract for the construction of the landfill site was awarded in November 25, 1999 and activities commenced immediately thereafter. Construction works are scheduled for completion by September 2000. Tenders for the construction of the workshop and office buildings are to be re-issued.</p> <p>1.2 Eighteen modified sanitary landfills built and in operation, by July 2001. Status: Construction of the sites are scheduled to begin, in a phased manner, during the first quarter of 2000.</p> <p>1.3 Hazardous waste disposal facilities built and in operation by December 2000</p> <p>1.4 A compaction target of 750kg/m3 is achieved.</p>
2. Education/awareness program implemented	2.1 Environmental health education program is launched by January 2000. Status:

<u>Classification:Satisfactory (S)</u>	With Loan contract signed on Oct. 29, 1999, a new schedule is to be established. 2.2 Promotions on T.V, radio and newspapers by May 2000. Status: As above 2.3 Communal depots in operation
3. Departmental of Environmental Health Services (DEHS) is operative; Routing study and implementation completed. <u>Classification:Satisfactory (S)</u>	3.1 New DEHS structure in place by December 1999. Status: With loan contract signed on Oct. 29, 1999, a new schedule is to be developed. 3.2 Vehicles collecting refuse on new routing system by October 1999. Status: As above 3.3 Plan of action for revised tipping fees and environmental levy.

Implementation Progress Summary Classification (IP): Satisfactory (S)

Additional comments:

The Loan contract was signed on October 29, 1999, eight months after Board approval. The Executing Agency is in the process of submitting documents to the Bank in compliance with the conditions prior to first disbursement. As part of the process, a revised project implementation schedule would be agreed on.

IV. KEY ASSUMPTIONS

Assumptions Related to Development Objectives:	Assessment of Probability of Occurrence
1. Other environmental factors remain constant or improve	High
2. No significant changes (different from project growth assumptions) in The Bahamas waste management needs.	

Assumptions Related to the Implementation of Components:	Assessment of Probability of Occurrence
1.1 Facilities are well operated and maintained.	High
1.2 Legislation is enforced	
1.3 Market for compost and recycled material developed.	
1.4 Estimated waste generation rates are accurate.	
1.5 No change in public attitude and actions	

Major factors on which the summary classification is based:

The commitment of the key stakeholders in successfully implementing the programme

Aggregate Assumptions Classification: High Probability

V. ACHIEVEMENT OF DEVELOPMENT OBJECTIVES

Major factors on which the achievement of development objectives classification is based:

1. The importance of the project in improving health and environmental conditions in The Bahamas
2. The importance of the project in maintaining the attractiveness of the tourism product and its contribution to the national economy
3. The commitment of the GOBH nad the DEHS to the project.

Assessment of Expected Achievement of Development Objective Classification: Highly Probable (HP)

VI. SUMMARY OF PROJECT STATUS ISSUES AND ACTIONS

Project Status:

With the loan contract signed on October 29, 1999 the Executing Agency is now in the process of fulfilling the conditions prior to first disbursement. Construction works on the landfill at the Harrold Road site was started on November 26, 1999.

The tendering process for the selection of a contractor for the construction of the workshop building at the Harrold Road site was initiated but tenders submitted by local contractors were above the Engineers' estimate and the threshold amount for the project. The tenders were therefore rejected. Tenders for the workshop as well as the office building are to be re-issued.

Other activities included under the program are scheduled to begin during the first quarter of 2000.

Major issues affecting project implementation and/or development objectives:	
Issue:	Action:
1. The Executing Agency must seek to comply with the conditions precedent to first disbursement as early as possible.	1. To work towards compliance with the Conditions Precedent to First Disbursement.
2. An issue related to procurement of works for the construction of the the workshop building and office facilities at the Harrold road landfill site needs to be resolved. This relates to the tendering process to be pursued now, following the rejection of bids submitted by local contractors for the construction of the workshop building.	2. The Executing Agency must review with the Bank, the options to be pursued. <u>Unit:COF/CBH</u> <u>Date:08-Dec-1999</u>