

Environmental Monitoring Report

Semi-Annual Report
For the period covered July to December 2016
Project Number: 47381-002
May 2017

SRI: Mahaweli Water Security Investment Program

Final Report (Annexes 3 to 5)

Prepared by Ministry of Mahaweli Development and Environment with the assistance of Program Management, Design and Supervision Consultant (Joint Venture Lahmeyer International GmbH – GeoConsult ZT GmbH) for Democratic Socialist Republic of Sri Lanka and the Asian Development Bank.

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Mahaweli Water Security Investment Program

SEMI-ANNUAL ENVIRONMENTAL MONITORING REPORT

Period : July - December 2016

May 2017



Program Management, Design and Supervision Consultant

SEMI-ANNUAL ENVIRONMENTAL MONITORING REPORT

Period: July - December 2016

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ANNEX 3 : CEA APPROVALS FOR THE UPDATED EMP



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மகாவலி நீர்ப் பாதுகாப்புக்கான முதலீட்டுத் திட்டம்
Mahaweli Water Security Investment Program



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Ministry of Mahaweli Development & Environment

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திட்ட முகாமைத்துவப் பணிமனை
Program Management Unit

නො. 493 1/1, ටී. බී. ජයා මාවත, කොළඹ 10.

இல.493 1/1, டி. பி. ஜெயா மாவத்தை கொழும்பு 10.

No. 493 1/1, T. B. Jayah Mawatha,

☎ Program Director: 0112 675811 ☎ Consultant: 0112 ☎ General Office: 0112 675810 ☎ Office Fax: 0112 675810 @ pdadbproject@gmail.com

මගේ අංකය
எனது இல
My No

MMDE/MWSIP/PMU/ENV/
MLBCRP/Gen

ඔබේ අංකය
உமது இல
Your No

දිනය
திகதி
Date

02nd February 2017

Project Director
PIU-MLBCRP

Environment Management Plan for the Improvement of Minipe Anicut and Rehabilitation of Minipe Left Bank Canal Project (EMP-MLBCRP)

Please find herewith attached a copy of the letter of approval granted by the Central Environmental Authority (CEA-Central Province Office) for the EMP-MLBCRP for your information and necessary further action.

Eng. N. A. Sisira Kumara
Program Director
Mahaweli Water Security Investment Program

MWSIP - PMDSC		
493, T.B Jayah Mawatha, Colombo 10		
Registered Incoming By:	Ask.	
Seen:	Team Leader	
	D. Team Leader	
Date:	06 FEB 2017	
Action By:		
Copies to:	APK	
Copy File Location	12-4	
to Files:		

Cc:

1. Team leader, PMDSC – For your information and necessary action please.
2. Project Management Specialist, ADB Resident Mission – For your information please.

PIU Office : (UECP) Upper Elahera Canal Project Address – UEC Project Office Mahaweli Authority of Sri Lanka, Madatugama. Telephone No. 025-3248604 Fax No. 025-3248604 e-mail –darmasiri_2000@yahoo.co.uk	PIU Office : (NWPCP) North Western Province Canal Project Address – Irrigation Department P.O. Box. 44, Kurunegala. Telephone No. 037-3970783 Fax No. 037-2222532 e-mail – rajasoka3@yahoo.com	PIU Office : (MLBCRP) Minipe LB Canal Rehabilitation Project Address – DIE Office Irrigation Department, Hasalaka. Telephone No. 055-2257205/ 0718199519 Fax No. 055-2257205 e-mail –mediwaka.susantha@yahoo.com	PD Office : (ISEWPIP) Improving System Efficiency & Water Productivity Improvement Project Address – 11, Jawatta Road, Colombo 05. Telephone No. 0718-101628 Fax No. 0112-554063 e-mail –dealwis.lalith@yahoo.com
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உமது தொடர்பு
Your Ref.

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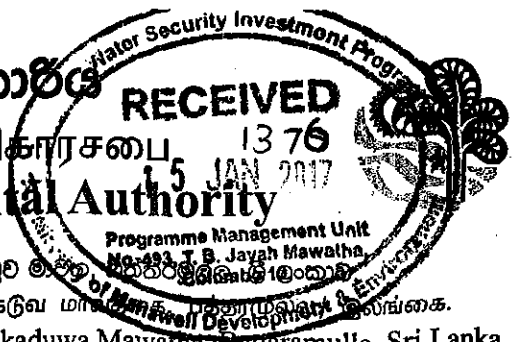
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மத்திய சுற்றாடல் அதிகாரசபை

Central Environmental Authority

“පරිසර පියස”, 104, ඩෙන්සිල් කොබ්බෑකඩුව මාර්ගයේ,
“பரிசர பியச”, 104, டென்சில் கொப்பேகடுவ மாநகரம்,
“Parisara Piyasa”, 104, Denzil Kobbekaduwa Mawatha, Battaramulla, Sri Lanka.
Web : www cea.lk



11-01-2017

Central Province Office,
Dam Site, Polgolla.
T.P : 081- 2494884

Program Director (MWSIP),
Ministry of Mahaweli Development & Environment,
No 493 1/1, T.B. Jaya Mawatha,
Colombo 10.

Environmental Management Plan : Improvement of Minipe Anicut and Rehabilitating of the Minipe Left Bank Canal Project

This has reference to the letter No MWSIP/PMU/04-V1 dated 2016-08-01 regarding the above matter.

Hence here by inform that the Central Environmental Authority has studied Environmental Management Plan (EMP) submitted to this authority on 05th August 2016 by you and has decided to grant approval for the Environmental Management Plan (EMP).

Susantha Wedage,
Director (Central Province),
Central Environmental Authority,
Polgolla.

Susantha Wedage
Director (Central Province)
Central Environmental Authority
Central Provincial Office,
Polgolla.

Chairman	Tel : 2872361, 2872348 Fax : 2872347	Director General	Tel : 2872359 Fax : 2872608	Gen. Office	Tel : 2872278, 2873447, 2873448 7877277-280	Complain Unit : 2888999
Deputy Director Generals	HRD. Admin & Finance Division Tel : 2865296 Fax : 2877515	Env. Pollution Control Division Tel : 2873453 Fax : 2872605	Env. Mgt & Asses. Division Tel : 2872388 Fax : 2872296	Env. Edu. & Awareness Division Tel : 2872297 Fax : 2872609		
Directors	2872607 (Admin), 7877290 (Finance) 2872301 (HRD), 7877288 (Planning) 2872601 (Admin), 2863984 (Finance)	2873452 (BPC) 2872606 (Lab) 2882335 (WM)	2872346 (NRM), 2876643 (EIA) 2867263 (R&D) Fax : 2872296	2867266 (EEA) Fax : 2872609 Media Unit : 2873449	2872604 (Legal) (Western Province) Tel : 2862831 Fax : 2865293	

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உமது தொடர்பு
Your Ref.

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மத்திய சுற்றாடல் அதிகாரசபை

CEA/CPO/KY/01/2017 **Central Environmental Authority**



11-01-2017

“පරිසර පියස”, 104, ඩෙන්සිල් කොබ්බෑකඩුව මාවත, බත්තරමුල්ල, ශ්‍රී ලංකාව.
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“Parisara Piyasa”, 104, Denzil Kobbekaduwa Mawatha, Battaramulla, Sri Lanka.
Web : www.cea.lk

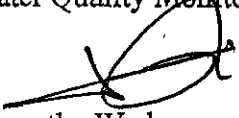
Central Province Office,
Dam Site, Polgolla.
T.P : 081- 2494884

Program Director (MWSIP),
Ministry of Mahaweli Development & Environment,
No 493 1/1, T.B. Jaya Mawatha,
Colombo 10.

Environmental Management Plan : Improvement of Minipe Anicut and Rehabilitating of the Minipe Left Bank Canal Project

This has reference to the letter No MWSIP/PMU/04-V1 dated 2016-08-26 regarding the above matter.

You are kindly informed that the CEA has decided to accept the parameters indicated in the water Quality Monitoring plan.


Susantha Wedage,
Director (Central Province),
Central Environmental Authority,
Polgolla.

Susantha Wedage
Director (Central Province)
Central Environmental Authority
Central Provincial Office,
Polgolla.

Chairman	Tel : 2872361, 2872348 Fax : 2872347	Director General	Tel : 2872359 Fax : 2872608	Gen. Office	Tel : 2872278, 2873447, 2873448 7877277-280	Complain Unit : 2888999
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ANNEX 4 : FORMATS FOR CONTRACTOR ORIENTATION



Mahaweli Water Security Investment Program (MWSIP)
Program Management, Design and Supervision Consultant (PMDSC)

Joint Venture Lahmeyer International – Geo Consult GmbH
Programme Management, Design, & Supervision Consultant

Ministry of Mahaweli Development & Environment
T.B.Jayah Mawatha, Colombo 10, Sri Lanka.

Team Leader: M.R.Chegwin
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Programme Management, Design and Supervision Consultant (PMDSC)
MAHAWELI WATER SECURITY INVESTMENT PROGRAMME (MWSIP)

Contractor's Schedule on Environmental Safeguard Measures

(This plan should be submitted by the Contractor/EO to the Resident Engineer 7 days prior to every week)

Day of the week	Date	Work Site (Construction area / burrow pits/quarry sites/disposal yards/TBM sites etc.)	Scheduled Construction activity (as per the list of works)	Planned working hours (Day/Night)	Special mitigatory measure requirements (If yes pls explain)	Prepared with necessary resources (Yes/No)	If No, explain
Monday							
Tuesday							
Wednesday							
Thursday							
Friday							
Saturday							
Sunday							

INFORMATION ONLY

ENVIRONMENTAL METHOD STATEMENT

(If the space provided is insufficient then attach additional sheets)

WHAT:	Subject of M/Statement			
WHO:	Site Foreman/contact person:			
	Submitted to (e.g. ECO):		Approved by:	
	Date Submitted on:		Date Approved:	
WHEN:	Date works start		Date works complete	
	Rehabilitation period:		Programme restrictions (critical path, season restrictions etc.)	
	Split work Phasing:	Item	start date	end date
	Phase 1			
	Phase 2			
	Phase 3			
	WHERE	Area of works – submit plan or sketch if appropriate – stockpile, detention ponds, boundaries / restriction of works, special features or mitigation works landscape specials etc:		
HOW:	Route/site layout pegged:	Date available to inspect		Inspection persons required:
	Landscape concerns: (Specify items not covered in EMP. Refer to EMP items if required.)			
	Existing features & services affected (e.g. paths, curbing, irrigation etc.)			
	Trees (protection or removal methods).			
	Special vegetation			
	Reinstatement methods			
	Maintenance			
	Restricted areas			
	Access:			

HOW	General Environmental: (specify items not covered in EMP. Refer to EMP items if required.)
(cont.)	Machinery:
	Earthworks & dust control:
	Concrete works:
	Storm-water control:
	Stockpiles:
	Refuse/rubble:
	Water quality – pumping, source & discharge points, settlement, filtration, duration etc:
	Hydrocarbon control measures:
	I&AP notifications:
	Fire/emergency contingencies:
Special conditions / mitigation measures (e.g. stream crossings, live sewer proximity etc.):	
Comments:	



Mahaweli Water Security Investment Program

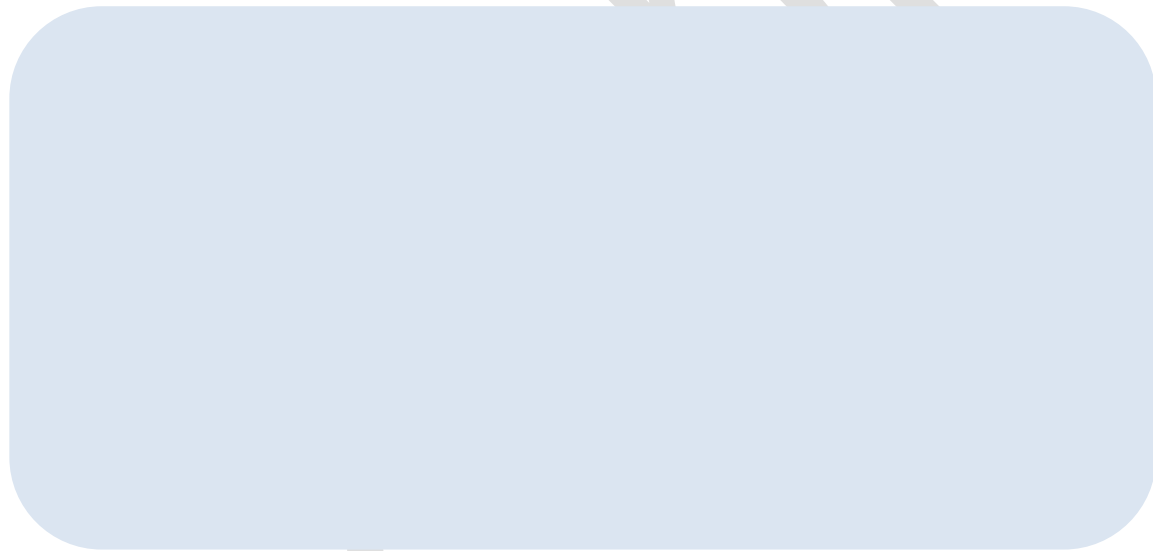
Program Management, Design and Supervision Consultant

Minipe Left Bank Canal Rehabilitation Project (MLBCRP)

Environmental Monitoring Report No.

Contract Number : MWSIP/MMDE/ADB/MLBCR/NCB -1/3267-3268-SRI/NCB/2015/004

Date



Sample

Environmental Monitoring Report No.**Prepared for:**

Ministry of Mahaweli Development and Environment
Mahaweli Water Security Program
Program Management Unit
No. 493 1/1, T.B. Jayah Mawatha
Colombo 10
Sri Lanka

Prepared by:**Distribution Register:**

Distribution List:	Date of Issue	Number of Copies

Revision History:

Revision	Revision	Author	Department	Checked by	Approved by	Description

ABBREVIATIONS

Sample

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1. STATUS OVERVIEW

1.1 Construction status

(The key activities undertaken under the construction package as per the method statement approved, during the reporting month, preliminaries, utility and services, construction activities etc.)

1.2 Implementation of schedule on environmental safeguard measures

(Review of planned measures, achievements, challenges, drawbacks in following the given schedule during the reporting month)

1.3 Priority safeguard actions identified

(permits/approval/ reporting requirements, significant environmental issues occur during the reporting month etc.)

2. MONITORING FINDINGS

2.1 Review of Monitoring Records

(Review of weekly monitoring records as per the formats given)

2.1.1 Construction activities and site records

2.1.2 Activities related to borrow areas and disposal sites

2.1.3 Contractor's facilities

2.2 Summary of Stakeholder Engagement

(Summary of meetings (if relevant) including date, location, number of attendees, comments, etc. during the reporting month)

Date	Venue	Main stakeholder/s	Objectives of the meeting/workshop/ field visit

2.3 Summary of Grievances Raised

Number of Grievance Raised	Number of grievances that remained open	Number of grievance that have closed	Remarks

Number of Grievance Raised	Number of grievances that remained open	Number of grievance that have closed	Remarks

2.4 Any Critical Environmental Concerns

(Highlight of critical environmental concerns, i.e. record of spreading any invasive species in the project area, wild life/ecological concerns, pollution concerns etc.)

3. RECORD OF NON-COMPLIANCE, COMPLAINTS, NOTIFICATION OF SUMMONS AND SUCCESSFUL PROSECUTION

4. FUTURE KEY ISSUES AS VIEWED FROM THE WORKS PROGRAMME AND WORK METHOD STATEMENTS

4.1 Identified future environmental key issues

4.2 Preparation to overcome such issues

4.3 Additional support required

ANNEX 5 : GRIEVANCE REDRESS MECHANISM MLBCRP

I. Establishment of the Grievance Redress Mechanism (GRM) at MLBCRP

- a) Below key actions were undertaken to introduce GRM (*please refer Annexure 9 for GRM hand bill of MWSIP*) and establish the GRC in conformance with the CEA approval stipulations and the ADB Safeguard Policy (SPS 2009);

No.	Theme of the program conducted	Target group	Resource persons	Date/ No. of participants
1	Overall key stakeholder consultation & awareness session for Provincial level agencies and interest groups on the GRM (<i>refer pictures under no.1 below</i>)	Relevant government agencies in Central Province, Leaders of Farmer organization in Hasalaka and Allai (Interest group)	PIU, PMU officers	05/08/2016 102
2	Divisional level stakeholder consultation & awareness session on the GRM and initiation of Grievance Redress Committee (GRC) in Minipe	Farmers within Minipe Divisional Secretary Division	PIU officers	05/09/2016 98
3	Divisional level stakeholder consultation & awareness session on the GRM and initiation of Grievance Redress Committee (GRC) in Wilgamuwa	Farmers & Government officers within Wilgamuwa Divisional Secretary Division	PIU officers	06/09/2016 120
4	Divisional level stakeholder consultation & awareness session on the GRM and initiation of Grievance Redress Committee (GRC) in Minipe	Government officers within Minipe Divisional Secretary Division	PIU officers	13/09/2016 141
5	Formation of Level 2 GRC	Farmers & Government officers within Wilgamuwa DSD	PIU officers	07/09/2016 20
6	Formation of Level 2 GRC	Farmers & Government officers within Minipe DSD	PIU officers	13/09/2016 14

Photographic presentation

1. Key stakeholder consultation & awareness session 05.08.2016	
	
2. Divisional level session for Farmers within Minipe DSD on the GRM 05/09/2016	3. Divisional level session for Farmers & Officers within Wilgamuwa DSD on the GRM 06/09/2016
	
4. Divisional level session for Officers within Minipe DSD on the GRM 13/09/2016	5. Formation of Level 2 GRC-Wilgamuwa 07/09/2016
	

6. Formation of Level 1 GRC at Wilgamuwa DSD 07/09/2016**7. Formation of Level 1 GRC at Minipe DSD 13/09/2016****8. The consultative session at District Secretariat of Trincomalee on 08/08/2016**