

Oct 2023





VISION

"Water for a Better Tomorrow"



MISSION

"Drive a robust water stewardship agenda through scaled up partnerships and collaboration of stakeholders"



GOOD WATER GOVERNANCE



SUSTAINABLE WATER BALANCE



GOOD WATER
QUALITY STATUS



IMPORTANT WATER RELATED AREAS



SAFE WATER, SANITATION AND HYGIENE FOR ALL (WASH)

GOOD WATER GOVERNANCE



Drive strong water governance at site and support catchment water governance actions

- ER A BETTER TOMORROW
 - Establish site water governance team with clear responsibilities
 - Conduct regulatory compliance assessment and noncompliance disclose if any



> Take part in catchment water governance awareness programmes implemented by the stakeholders





Identify emergency scenarios and develop an joint emergency response plans



Stakeholder	Name	Designation	Contact	Signature	
	Ms. Thakshila Damayanthi	Divisional Secretariat	0702741030	AP S	
AGA Office	Mr. Abesinghe	Chairman- Divisional Secretariat Office	0714446767	EL.	
	Ms. Priyani	Secretary to Chairman	0719772408 / 0718133458	67,	
	Ms. S.U. Elangasinghe	Manager	0777812814	2	
National Water Supply and Orainage	Mr. S.K. Nawarathna	Area Engineer	0776805046	-3-	
	Mr. Subawickrama	Engineer- Operations and Maintenance	0766195315	2	
	Mr. Asoka Jayawardena	Chief Chemist	0777376253 / 0715785414	865	
Board	Mr. Diluka Sri Krishantha Kumara	Senior Sociologist	0773973879	DEE	
	Mr. Kolitha Rathnayake	Chief Officer	0718098347	-	
	Ms. Mihiri Dissanayake	Engineering Assistant	DT14462493	2	
	Mr. Athula Pushpakumara	Deputy Director	0714782391	100	
Mahaweli Authority	Mr. Lalith Samaraweera	Engineer	0714081015	34	
	Mr. Upul Dasanayake	Assistant Engineer	0716281386 / 0760513044	MILE	
Central	Mr. Wasala	Senior Enviornmental Officer	0704501422	10	
Enviornmental Authority	Ms. Nilukshi Perera	Development Officer	0762416446	COL	
	Mr Thushara Jayasinghe	Engineer-Waterworks	0.71342.4944	200	
Kandy Municipal Council	Mr Dinuka Senevirathne	Engineer-Wastewater	Bitton Grassin	Track of	
	Ms. Samanalee Amarasekara	Customer Care	07:4074189	nes	
	Mr. Jayasinghe	Chief Inspector	0714288055	CO. T.	
Enviornmental Police	Mr. Athula Weerasinghe SEctions	Senior Inspector	0725215789	Money	
	Mr. K G A Weerasinghe			134	
Grama Niladari	Mr. Hapukotuwa	Grama Niladari	0713780388	LE.	
MOH Wattegama	Dr. Indunil Perera	Medical Officer of Health	0718231239 / 0767873047	Come.	
Open University- Polgotta	Mr. Anushka Bandara	Assistant Director	0717257670 / 0812494083	Ib-	
Community	Mr. Sena Dissanayake	Opposition leader KMC			
representative	Mr. Nimal Peter	Secretary Mahaweli Ganthota Welfare Society		R	

Conduct stakeholder survey to obtain feedbacks



Develop water stewardship strategy, plan and negotiate with stakeholders for plan implementation

GOOD WATER GOVERNANCE

Site Water Governance Initiatives Performance 2022/2023

17/17/1

Drive strong water governance at site and support catchment water governance actions - 100% compliance to water related regulatory obligations

- Zero violations to regulatory obligations

- 40 stakeholder covered in the initial engagement process

- 20+ challenges identified lined to AWS outcomes
- 02 feedback sessions & 05 one to one meetings conducted with stakeholders

- Site water related risk assessment completed
- 100% manage careful stakeholder covered (8 out of 08) endorsement of WSP
- ERP theoretical training for 22 government officials
- 03 governance programmes completed
- 30 awareness boards erected across the catchment

Benefits

- Ensure CTC GLTP's license to operate
- Eliminate the regulatory and reputational risks
- Stakeholder collaboration to drive a common AWS agenda
- Ability of identifying and prioritizing the critical risks and challenges of the catchment
- Create synergy among the stakeholders

- Stakeholder collaboration to executive Site's wastewater emergency response plan
- Quick response capability enhancement
- Water governance related awareness building across the catchment
- Reduction of catchment pollution

SUSTAINABLE WATER BALANCE



Strengthening and promoting the efficiency in water use at site and beyond

BATT A BETTER TOMORROW

Zone wise water metering and monitoring







	Clif Meter Lacations	New Meter locations	Date	Date	Date	Date	Dete	
	CIE Meter Liscinors		10/2/2021	10/1/3125	10/4/3525	10/5/3025	10/6/3525	160
l	Factory Machine	Tgs Cylinder	. 0	.0	.0	. 0	0	
		Die Cylinder	0	0	0	0	0	
		Ind Cylinder	. 0	. 0	0	. 0	0	
		Lamina Dryer	. 0	0	0	. 0	0	
	Soler	Soler	- 0	0	0	. 0	0	
		Soler room-sink & etc	0.5	0	0.7	0.4	0.7	
ı	General Staff Bath Room (admin) & cartiern sinks	Admin	0.1	0	0.4	0.2	0.3	r
	Casual Carteen and Tollets Rest com	Casual Cartisen	3.9	1.7	2.3	2.8	9	
		Coual Male wash room	0.9	11	0.9	15	3.1	
		Seasonel Female washroom	1	0	0	1	0	
	Executive Tollets & Bathroom (plant)	Plant office sink, Training center washroom + sink & RSAS sink	0.8	0.8	0.7	0.5	13	ŀ
		Wedcal certar inside & entrance, old Sym area weshrooms. Sincke panel room	2.7	3	2.7	15	25	
	Contractors and canteen staff Toilets	Contractions and continen staff Tollets, Security ontrance wash basin	17	15	15	0.6	16	ŀ
	Security Reproons Suphoon	Security Restroom& bathcom					12	
	Bond stores, convent & Tollers	Sond area sink & washroom, DH, to let.	0.6	0.6	45	- 0	1	
		Cinveh	0.9	- 1	4.9	11	1.4	

Investment LKR 2.6 million

Deployment of 33 monitoring meters covering total site

Upgrading of underground pipe network to prevent leakages







Investment LKR 1.4 million

Installation of tap mounted aerators to minimize water consumption



Expand recycled water pipe network at site to increase usage for gardening and washroom flushing







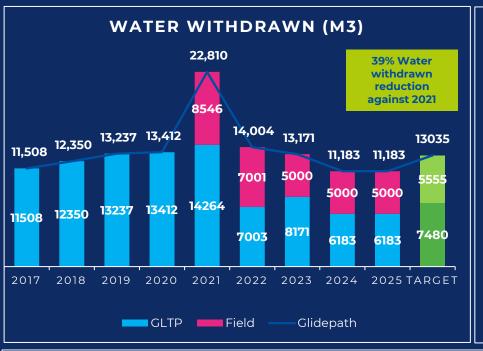


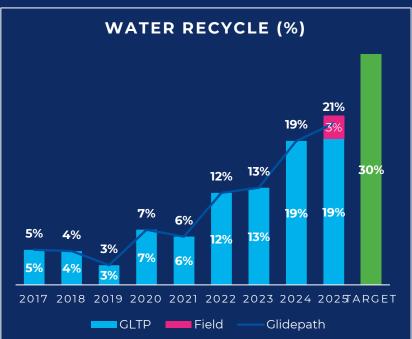


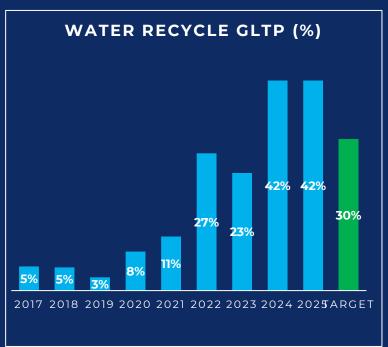












Initiatives

2022

- Leak detection and streamline of water distribution network in H2 2021- GLTP
- Phase 2 ETP capacity increase in GLTP
- Water metering and streamline of water distribution network GLTP & Filed

2023

- Condensate water recovery, Increase water recycling, Water use efficiency improvements -
- Tap mount aerator installation for handwashing area
- Phase 3 ETP capacity increase in GLTP 670 CUM

2024

• Leak detection survey

2025

• Mini water recycling plant (1.5 Mn)- One Depot

GOOD WATER QUALITY STATUS



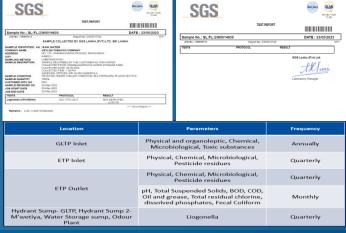
Assurance of water quality and contribution towards catchment water pollution control programmes



Site solid waste management and minimize waste to landfill



Carryout site water and wastewater quality testing



Nighttime water intake raw water quality inspection at night



Conduct consumer surveys on quality of pipe water supply 1063 families covered



Village community awareness and water filter distribution Water conservation and care for water awareness conducted covering the wider community With the support of AGA and NWSDB







GOOD WATER QUALITY STATUS

Good Water Quality Performance 2022/2023

Assurance of water quality and contribution towards catchment water pollution control programmes

1%> waste to land fill status achieved

- The endorsement on good governance of solid waste received from KMC
- Stie water quality testing frequency increased beyond obligations
- ETP treated water testing frequency quarterly vs annual

- 100% compliance BAT and obligatory requirements
- 02 water quality related projects completed with NWSDB
- Online consumer feedback survey platform established to conduct consumer surveys
- 1063 families covered in 1st survey and analysis shared with NWSDD

Benefits

- Contribution to catchment pollution reduction through good solid waste governance
- Catchment pollution reduction through discharge water quality assurance and minimizing the quantity of water discharged
- Reduction of health risk to employees and community

- Assurance of license to operate and elimination of reputational and regulatory risk
- Easy access to water quality information and analysis
- Drinking water quality concerns addressed through preventive actions
- Driving of continuous improvements towards water quality

IMPORTANT WATER RELATED AREAS



Catchment areas and infrastructure maintenance and restoration for sustainable water resources

BATT A BETTER TOMORROW

> Support the renovation of floating barriers of important locations of the catchment







 Enable cleaning of important catchment areas through infrastructure provisions









Re-forestation of degraded areas of the catchment's banks and catchment areas



Spring well reactivation support



Storm water retaining pond rehabilitation & capacity expansion



Natural & sensitive wetland protection

Planned

- Rehabilitation of mini water ponds of catchment areas.
- Ground water re-charge study
- Continuation of planned afforestation programmes

IMPORTANT WATER RELATED AREAS

IWRA Actions and Performance 2022/2023

Catchment areas and infrastructure maintenance and restoration for sustainable water resources

- 02 key projects completed with SLMA on river basin protection and maintenance
- 30+ trees planted in 03 degraded land slots of riverbank
- Current status assessment survey of riverbank and water retaining ponds completed
- 10+ potential interventions for IWRA improvements identified

- Two project initiated and ongoing to reactivate sprint water sources Will be completed by Dec 2023
- One project initiated and ongoing to reactivate spring water ponds in sensitive area of the catchment Wii be completed by Dec 2023

Benefits

- Riverbank and water contamination control through frequent cleaning of floating debris
- Eliminate hindrances to economically important power generation related water supply
- Riverbank degradation control and status improvement
- Riverbed capacity maintenance trough retaining pond functionality restoration

- Reactivation and protection of the capacity of spring water sources
- Water retaining capacity improvement of important water related areas
- Water sensitive areas degradation privation though improving the forest coverage

SAFE WATER, SANITATION AND HYGIENE FOR ALL (WASH)



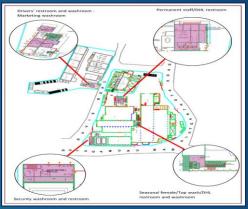
Achieve safely managed water, sanitation and hygiene for workplace and communities

BATT A BETTER TOMORROW

Continual improvement of WASH services at site



Systematic maintenance of WASH infrastructure



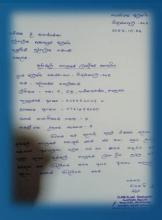




Spring well re-activation and water supply connection establishment in selected vulnerable community areas



Provide water supply infrastructure for the vulnerable communities living in highlands with lack of access to pipe water/limited water supply



Uplifting Private units for families



Conduct WASH
awareness for women,
children and other
selected vulnerable
communities

SAFE WATER, SANITATION AND HYGIENE FOR ALL (WASH)

Good Water Quality Performance 2022/2023



Achieve safely managed water, sanitation and hygiene for workplace and communities

- WHSH services are established beyond obligatory standards
- Two new improvements to WASH facilities completed to ensure improved standard for seasonal, contractual and factory staff
- WASH awareness at site completed with 100% coverage of stie staff through 03 programmes
- Two WASH awareness programmes completed focusing women and vulnerable communities (56 participants)
- One project completed with NWSDB to assure the water availability of vulnerable communities living in highlands of the catchment
- One project initiated to provide safe access to toilets facility for a 05 members family lives in the catchment

Benefits

- Employee satisfaction and elimination of complains and regulatory risks
- Improved hygiene conditions at site and better working environment
- Enabled employee support and adherence towards good hygiene starts through awareness and capability building
- Improved WASH awareness among vulnerable communities of the catchment
- Water supply assurance for 25 families located in highlands of catchment area
- Meeting the basic need of the people living in the catchment



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GOOD WATER GOVERNANCE

07 actions completed



SUSTAINABLE WATER BALANCE

> 05 actions Completed

04 Ongoing



GOOD WATER
QUALITY STATUS

04 actions completed

04 Ongoing



IMPORTANT
WATER
RELATED AREAS

05 actions completed

02 ongoing



SAFE WATER, SANITATION AND HYGIENE FOR ALL (WASH)

> 05 actions Completed

02 ongoing