

# Impact Assessment of CSR Project:

Setup of STP and Lake Rejuvenation  
at Mahadevapura Lake

Supported by  
**Mphasis F1 Foundation**

Conducted by:  
**BlueSky Sustainable Business LLP**  
Bangalore, India

Name Of Corporate: Mphasis Limited  
Implementing Partner: Mphasis F1 Foundation.  
Address: Bagmane World Technology  
Centre, Marathahalli Ring  
Road, Doddanakundi Village,  
Mahadevapura,  
Bangalore – 560 048

Date: 28 March 2022  
Service contract number: BSSB-2122-00010B  
Certificate number: I B 0 6 7- 2 100- 0 1- 0 0 0 10B  
Inspection dates: 25th Jan, 11th Feb 2022

## Acknowledgment

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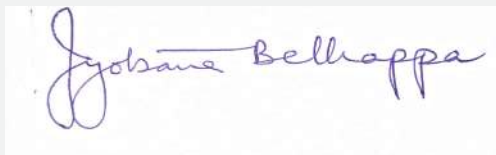
Bluesky Sustainable Business LLP has been engaged by Mphasis F1 Foundation to submit the Impact Assessment Report for the “CSR Project - Setup of STP and Lake Rejuvenation at Mahadevapura Lake”.

Bluesky has complied with the National Accreditation Board for Certification Bodies (NABCB), Quality Council of India as per ISO 17020:2012 Conformity Assessments in their requirement for competence and independence.

Bluesky Sustainable Business LLP takes this opportunity to thank all stakeholders who interacted with us during the impact assessment – Rajesh Krishnan, Pradeep Radhakrishna, Lokesh Gujjarappa, Sriram Ananthanarayanan from UnitedWay Bengaluru, and Mphasis F1 CSR Team. We appreciate them for being responsive, supportive, and patient with us during the assessment process.

Impact assessments help document the change brought about by the CSR activities. Maximizing the potential of CSR activities through effective CSR design, planning, implementation, execution, monitoring and evaluation contributes to national social development and also increase employee engagement. Gaining insights on the effectiveness of CSR projects helps the CSR project teams incorporate the new learnings in designing future projects.

With impact assessment (CSR Activities) introduced as a compliance requirement from FY 2022- 23, this impact assessment report contributes to the CSR compliance. It helps communicate the impact of the CSR activities to different stakeholders- Mphasis Board, leadership teams, employees, investors, community and the government, thus engaging them in social development.



Signed & Reviewed by:  
**Jyotsna Belliappa**

28th March, 2022  
Bangalore, India

Impact Assessment Project Team:

Lead Assessor: **Prajakta Mony**

Social Auditor: **Rohit Agarwal**

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## Executive Summary

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Mphasis F1 Foundation, the implementing partner of Mphasis Ltd, contributed their CSR Funds for the “CSR Project Setup of STP and Lake Rejuvenation at Mahadevapura Lake. United Way Bengaluru is the implementing partner for the project. Aligning with the Mphasis CSR policy, the project is in accordance with activity areas specified in Schedule VII of the Companies Act 2013. It contributes to ensuring environmental sustainability, ecological balance, protection of flora and fauna, agroforestry, conservation of natural resources, and maintaining quality of soil, air and water.

Bangalore, once known as a city of lakes, has lost many lakes to encroachment, urbanization, and inadequate sanitation. BBMP has been working tirelessly to save some of the remaining lakes in Bangalore and is the custodian of Mahadevpura Lake.

United Way Bengaluru is a not-for-profit organization that seeks to engage with and empower local communities. UW Bengaluru works closely with BBMP and requested Mphasis F1 Foundation for CSR Funds to set up a sewage treatment plant and support efforts for lake rejuvenation. The program initially collaborated with other IT companies in the area. But because of the challenging business environment, the other corporate donors moved out of the program after 2017. Mphasis F1 Foundation continued to support the program till the completion of the STP plant in 2020 because this project was a local community-driven initiative, and the pollution of Mahadevapura lake had become a severe health concern to the locality.

The 2 main activities in the scope of this impact assessment are the installation of the Sewage Treatment Plant(STP) at Mahadevpura lake and the rejuvenation of the area around Mahadevpura Lake.

Bluesky CSR Impact assessment defines impact as a change in an outcome caused by an organization. The immediate and intended effect of the Setup of STP and Lake Rejuvenation at Mahadevapura Lake is the treatment of 1 million litres of sewage water a day (1MLD) capacity at the Mahadevapura Lake, thus addressing the long term pollution of the water body and related health issues of the community residing around the lake.

The objective of lake rejuvenation, to make it a citizen-centric hub by installing equipment for exercise and play increases the community ownership of the water body. Various civil society organizations celebrate festivals and other community events at the Mahadevpura lake. The planting of indigenous trees contributes to the biodiversity of the lake, attracting many migratory birds

This project demonstrates the positive impact of multi-stakeholder collaborations and partnerships – bringing government, civil society organizations, corporates and citizens together, with a long-term effect on the communities in the vicinity of Mahadevpura lake.

<b>Bluesky CSR Impact Assessment Framework</b>	
<p>BlueSky's Impact Assessment Framework of CSR Activities (social services) is accredited by NABCB (National Accreditation Board for Certification Bodies Quality Council of India).</p> <p>The frame work of impact assessment for CSR Activities is based on the guidance available in ISO 26000: Guidance on Social Responsibility and National Guidelines on Responsible Business (NGRBC, 2018) Compliance requirements of The Companies Act 2013 and its associated amendment and rules</p>	
<b>Bluesky Rating of Project</b>	<p>Based on the proprietary scoring algorithm, Bluesky has assessed the impact of the Setup of STP and Lake Rejuvenation at Mahadevpura Lake with a score of 82, identified in the Platinum category of impact.</p>
<p><b>Platinum Category:</b> Innovative initiative with strategic intent for social change. The project has experienced new solutions to issue management and demonstrates an alliance of multi-organizational stakeholder relationships.</p>	

## About BlueSky Sustainable Business LLP

Bluesky is authorized to conduct Impact Assessment of Social development projects & CSR Programs.

Bluesky is the only Independent, Type A Inspection Body for Social Responsibility which is Accredited by the Quality Council of India's National Accreditation Board of Certification Bodies (NABCB)

- 60++ years of collective experience in implementing globally accepted CSR & ESG Guidance Standards
- Internationally certified ISO 26000 Sustainability & Social Responsibility Auditors with Global experience
- National and International experience in Sustainability standards across diverse industry verticals and geographies.
- Advisory Board members representative of Academia, Business Corporates, Not-for-profits, Industry Bodies, Secretarial & Legal Board Compliance experts

## Chapter 1

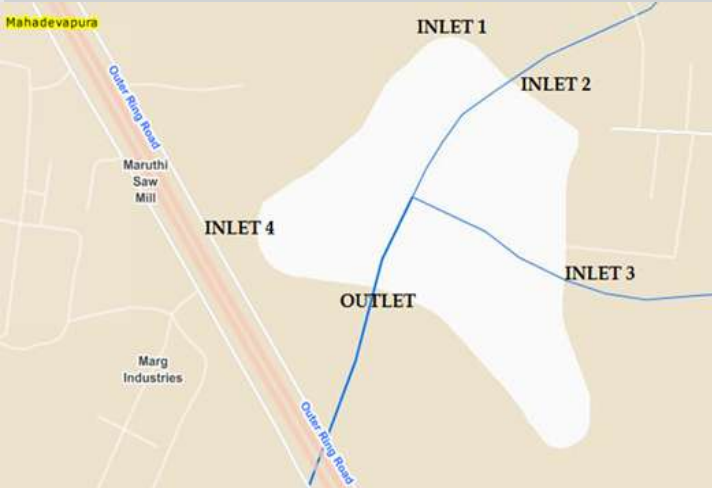
### Corporate Entity Details

Name of Corporate Submitting Impact Assessment of CSR Activities	Mphasis Limited
Registered Address	Bagmane World Technology Centre, Marathalli Ring Road, Doddanakundi Village, Mahadevapura, Bangalore – 560 048
Name of contact person	Nipun OS
Email Id	nipun.os@mphasis.com

### Project Details

Project Name	Setup of STP and Lake Rejuvenation at Mahadevapura Lake
Project ID as per CSR 1	N/A
Local Area	Mahadevapura Lake is located along the Outer Ring Road, adjacent to The Bagmane Tech Park in Bangalore, where the office of Mphasis Ltd. is situated.
Project Location	Bangalore
CSR Project Duration	Dec 2016 to Mar 2020
Corporate's Total CSR Budget for FY 2021	NA – This assessment of CSR Activities refers to activities completed from 2016-17 to 2020

CSR budget for this project ( Project ID)	<b>Spend Year</b>	<b>Expenditure</b>
	Dec 2016 – Nov 2017	60,00,000
	Dec 2017 – Sep 2018	47,80,600
	Oct 2018 – Mar 2019	14,36,600
	Apr 2019 – Sep 2019	17,62,200
	Oct 2019 – Mar 2020	15,53,200
	TOTAL	1,55,32,600
Financial year for which this Impact Assessment pertains to	N/A	
Type of project	NA. Project started before Jan 21 2021 amendments. Project started in Dec 2016. Concluded in Mar 2020.	
Corporate CSR Committee available	Yes	
Corporate CSR Committee Directors	4 Directors	
Corporate Company website available	Yes	
CSR Report in Public Domain	Yes	
CSR Policy Available on website  If Yes insert link	<a href="https://www.mphasis.com/content/dam/mphasis-com/global/en/-investors/governance/policies/corporate-social-responsibility-policy-052021.pdf">https://www.mphasis.com/content/dam/mphasis-com/global/en/-investors/governance/policies/corporate-social-responsibility-policy-052021.pdf</a>	

	Need Assessment available	Yes
	Corporate's CSR Policy Alignment.	The project is in accordance with activity areas specified in Schedule VII of the Companies Act it aligns to the activities mentioned in Companies Act 2013, Schd 7 Sec 135.
	Project beneficiaries	<p>The lake is spread across an area of 26 acres and is surrounded by residential areas and a Software Export Zone. The extensive set of beneficiaries includes Bengaluru Bruhath Mahanagar Palike (BBMP), residential communities, and offices in the Software Export Zone adjoining the park</p> 
	Scope of the Impact Assessment	<p>The Scope of the Impact Assessment is limited to the activities for the installation of the Sewage Treatment Plants (STP) and Lake Rejuvenation at Mahadevpura Lake undertaken by United Way, Bengaluru</p> <p>STP Installation – December 15th 2016 to November 30th 2017.          Lake Rejuvenation – July 1st 2017 to March 30th 2020</p>
	Duration of Bluesky Impact Assessment engagement	Jan 17th 2022 to March 31st 2022
	Dates of stakeholder engagements for Bluesky Impact assess-	Jan 25th, Feb 11th 2022



	Mode of Implementation of CSR Project	Through Implementation Partner
	Address of implementing partner	<p><b>MPHASIS F1 FOUNDATION,</b></p> <p>Bagmane World Technology Centre, Marathalli Ring Road, Doddanakundi Village, Mahadevapura, Bangalore- 560 048</p>
	Address of implementing partner	<p><b>United Way of Bangalore.</b></p> <p>Building No. 5, 3rd Floor, Crimson Court, Jeevan Bima Nagar Main Road, HAL 3rd Stage, Bangalore, Karnataka 560075</p>

## Chapter 2

### Recognizing Social Responsibility

#### Objective of CSR Project:

- 1 Set up an Sewage Treatment Plant(STP) a Mahadevpura Lake.  
Construct an eco-friendly Sewage Treatment Plant (STP) of 1 million litres a day (1MLD) capacity at the Mahadevapura Lake.

2

To undertake activities for lake rejuvenation at Mahadevpura lake. The rejuvenation of the Mahadevpura Lake is to restore the rich biodiversity and to create citizen-centric hubs for socio-cultural life.”

#### Relevance of Project

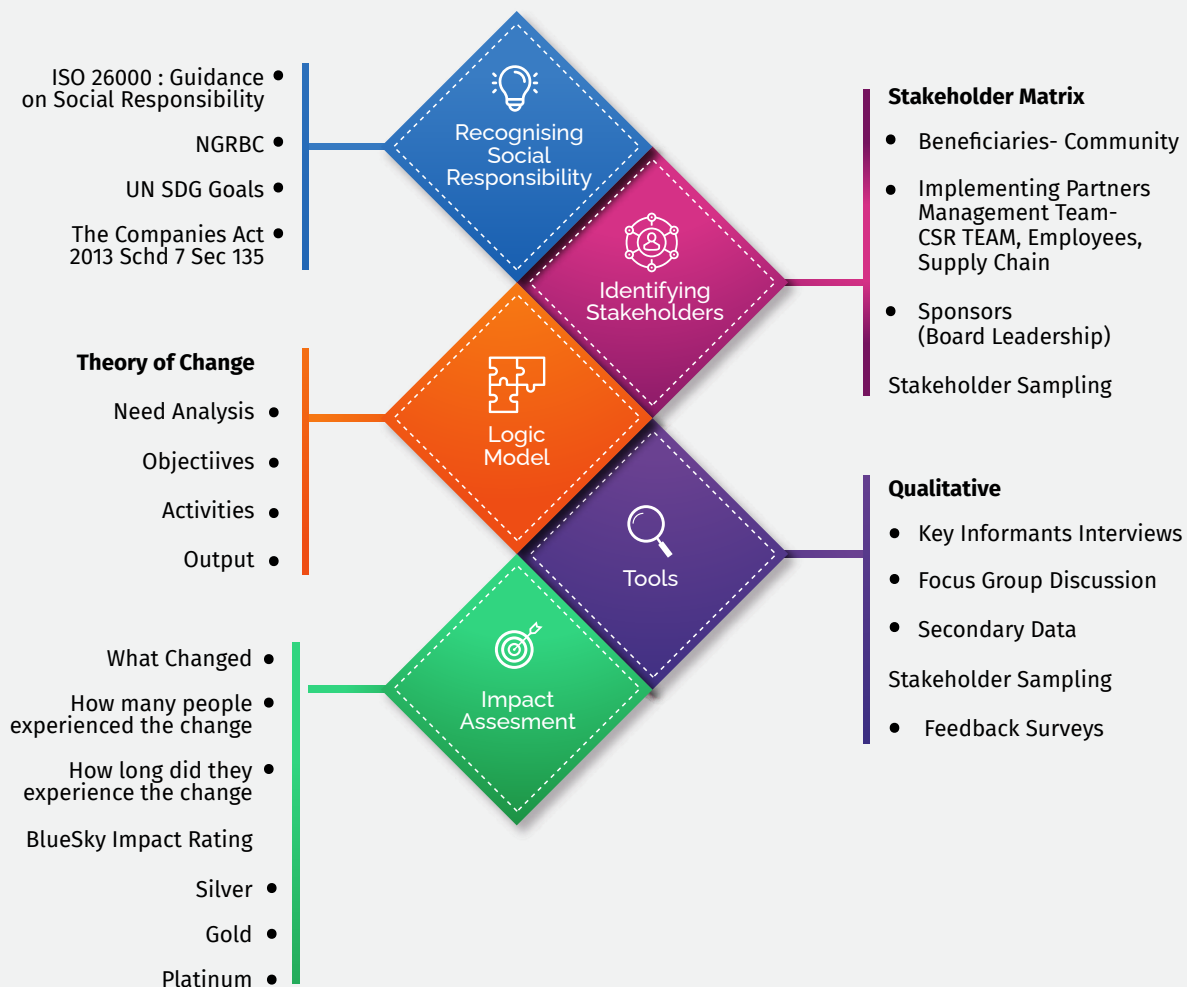
- Rejuvenation of lakes in Bengaluru has been an important initiative of the BBMP, with the mission to:
  1. establish a robust system of well-linked lakes and tanks free from organic and chemical pollutants, and
  2. intensify official concern and motivate community vigilance to the extent where pollution and encroachment of lake-lands would become impossible.
- In an effort to rejuvenate the Mahadevpura lake, in 2016, the Bruhat Bengaluru Mahanagara Palike (BBMP) built necessary hydraulic structures to divert wastewater entering the lake. To take these efforts further, Mphasis F1 Foundation contributed to United Way to fund a complete solution for rejuvenating the lake as part of their CSR initiatives.
- As per data available on the BBMP website as of Mar 21, <https://site.bbmp.gov.in/departmentsites/Lakes/g5.html>), Mahadevpura Lake is listed now as one of the 65 developed lakes in Bengaluru,

## Stakeholder Matrix

Category of Stakeholder	Details of stakeholder	Location	Interest (+1, 0, -1)	Accountability (+1, 0, -1)	Influence (+1, 0, -1)	Stakeholder importance
Beneficiary Stakeholders  Group/individual receiving a benefit from the project	Community Bengaluru Bruhath Mahanagar Palike (BBMP)	Vicinity of the Mahadevpur a lake	+1	0	+1	2
Executing Stakeholders (Management):  Group/individual responsible for managing execution	Mphasis F1 Foundation	Head Office	+1	+1	+1	3
Executing Stakeholders (Participants):  Group/individual responsible for project execution	United Way Bengaluru	Bengaluru	+1	+1	+1	3
Oversight (Sponsor):  Group/individual responsible	Senior Leadership/ CSR Committee	Head office	+1	+1	+1	3

### Mapping CSR Activities to National laws & Global standards.

The Companies Act 2013 Schd VII Sec 135	(iv) Ensuring environmental sustainability, ecological balance, protection of flora and fauna, animal welfare, agroforestry, conservation of natural resources and maintaining quality of soil, air and water
ISO 26000: Guidance on Social Responsibility.	Core subject 6.5 : The Environment Issue 4: Protection of the environment, biodiversity and restoration of natural habitats
Project mapping to UN SDG	Contributes to Goal 6 Clean water & Sanitation Ensure access to water and sanitation for all (waste water is safely treated)



## Chapter 3

### Impact Assessment of CSR Activities

#### CSR Activities

Activity 1

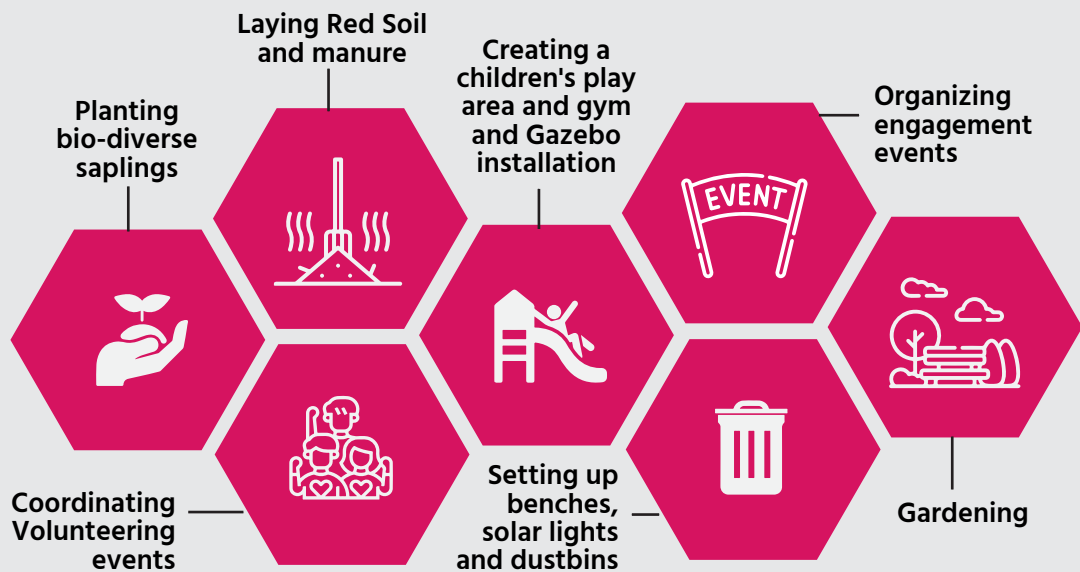
#### Setup and maintenance of 1MLD STP at the lake

1MLD capacity STP setup treating one million litres of water per day. It utilizes a chemical-free process with minimum dependence on electricity for treating the wastewater. An anaerobic process called DEWATS aims to mimic natural processes by providing the right conditions for microbial action. The Bangalore-based Consortium for DEWATS Dissemination Society (CDD Society) has provided the technical expertise for the design and implementation of the STP. The construction was led by Revlon Build tech.

Activity 2

#### Lake rejuvenation

The rejuvenation of the Mahadevapura Lake was completed to restore the rich biodiversity and inspire citizens-centric hubs for socio-cultural activities.



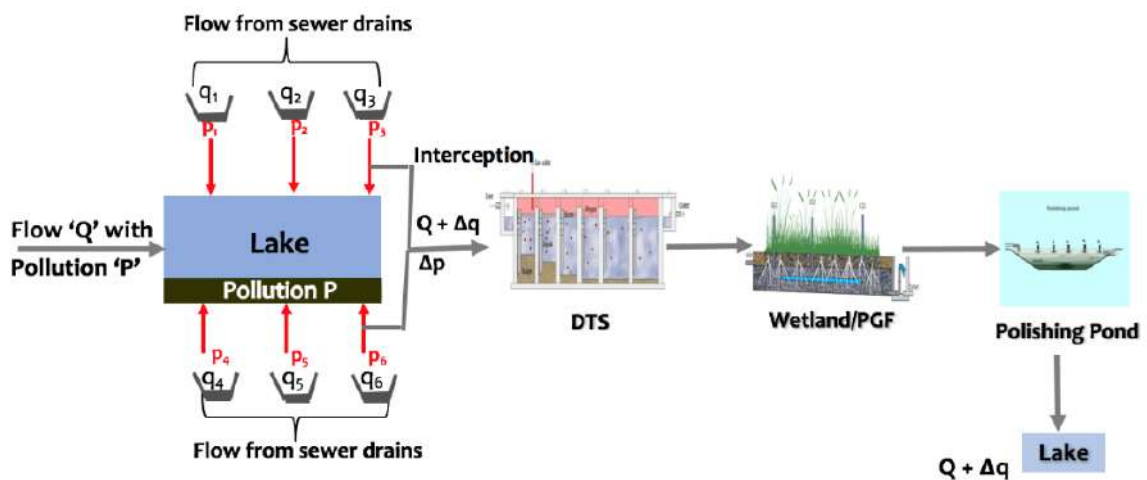
## Impact Assessment of CSR Activities

### CSR Project Outputs

#### Activity 1

#### Setup and maintenance of 1MLD STP at lake

1MLD capacity STP setup, treating one million litres of water per day since 2019.



#### Activity 2

#### Lake Rejuvenation

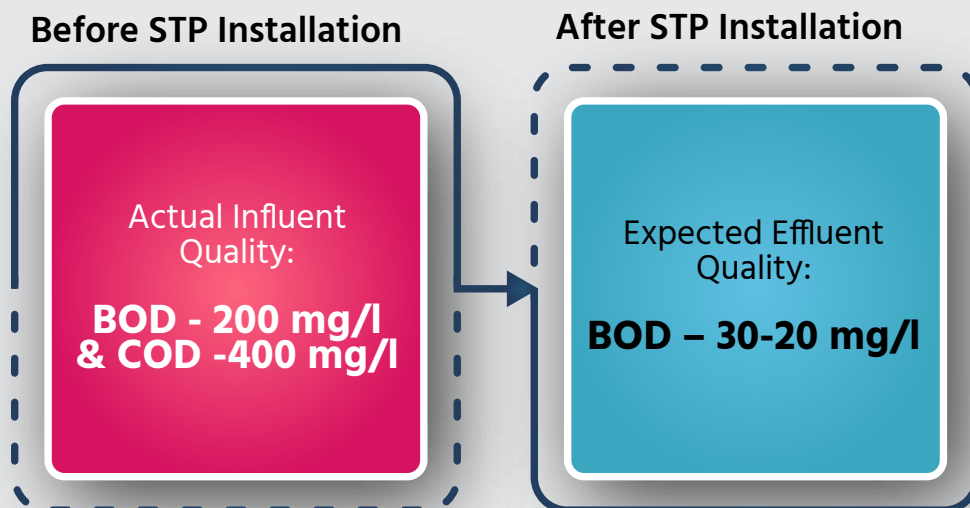
- Planting of flowering and fruiting plants near the Sewage Treatment Plant (STP) (sewage treatment plant) was undertaken in March 2019 to attract birds, bees and insects, thereby enhancing the opportunity for cross-pollination.
- In July 2020, gym equipment was installed: Single cross trainer, Single riding machine, Leg Press Double, Standing Twister, Skywalker, Tai Chi spinner, Chest press, and Vertical shoulder puller. Children play area items were also installed: Multi seater see-saw, Whale rocker, Tiger rocker, Wave slide, Circular swing, Double swing, Double net climber, Horse rocker, and Circular scrambler.
- Community engagement events were organized : Mahadevpura Kere deepotsava held in 2018 – 250+ attendees

- Volunteering events were arranged: Mphasis volunteers planted 2000 trees around the lake,
- Set- up benches, solar lights and dustbins. 20 stone benches were installed in August 2019, 5 solar lights were installed in August 2019.
- Labour shed was installed in February 2019, a petrol motor pump was installed in January-2020 for watering plants.

## CSR Outcomes

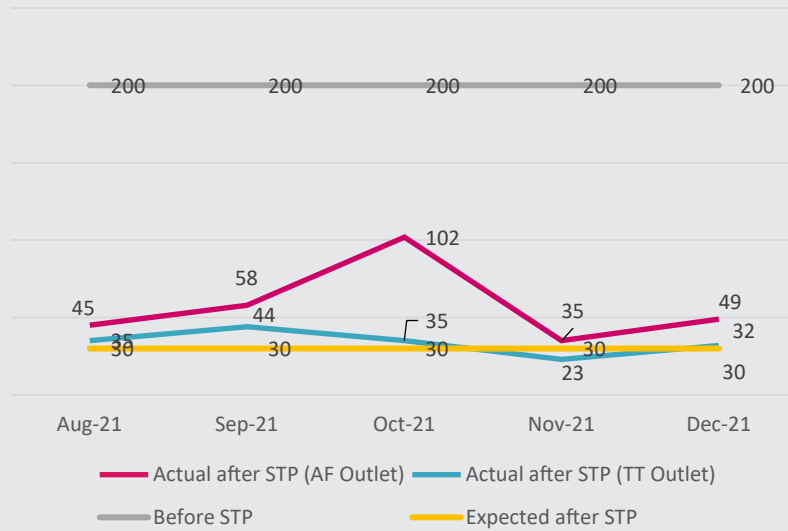
### Short term & Long term Impact

Improvement in water quality of the lake because of STP and its regular maintenance by BBMP



Reported Effluent Quality based on monthly report for STP Maintenance received for periods of Aug – Dec 2021

### BOD (mg/l) levels



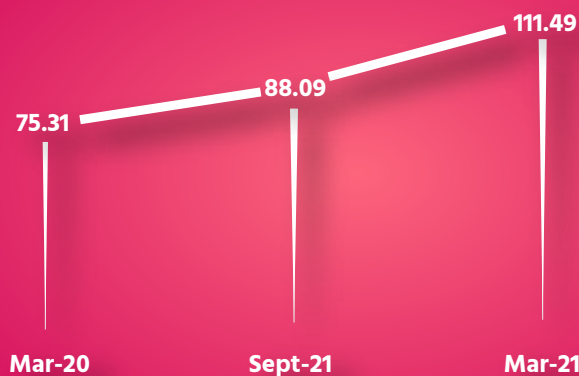
### Lake Rejuvenation

The Implementing Agency United Way developed a scorecard, at the start of the Lake rejuvenation project, as part of the Monitoring & Evaluation framework, with metrics pertaining to:

- Basic civil works of Lakelake restoration
- Other civil amenities
- Enrichment of biodiversity
- Community engagement

The graph below plots the score until March 2021 which shows an increase in the scoring.

### Lake Scores





## Stakeholder Feedback

“

"We know that our livelihood depends on how clean this lake is. We believe that it is because of United Way's efforts that this lake is healthy. Our group thanks them with folded hands! We will do our best to maintain this so our livelihoods can be assured and our families can be happy!"

**- Rayappa**

(a fisherman whose livelihood depends on his daily catch from Mahadevapura Lake)

“

"It makes us immensely proud and happy that we have the support of civil society and corporates and they are doing so much to make our city clean and green,"

**- R.L. Parameshwaraiah**

Chief Engineer, Lakes, BBMP

“

"Mobilizing the Caring Power of Communities "is well demonstrated by this initiative through which the Mahadevapura Lake will now have 1 Million Litres of sewage water treated and put back into the lake every day. A spirited team effort of BBMP, Community and the Corporate Partners with UWBe anchoring the whole initiative"

**- Prashanth Prakash**

Board Chair,  
United Way Bengaluru.