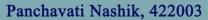
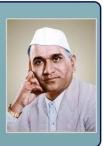


### Karmaveer Bhausaheb Hiray Dental College & Hospital







### SELF STUDY REPORT CYCLE - 1





**Criterion 7- Institutional Values and Best Practices Key Indicator – 7.1 Institutional Values and Social** 

Responsibilities

7.1.5 Water conservation facilities available in the Institution:

 $Q_nM$ 

### Karmaveer Bhausaheb Hiray Dental College & Hospital

Panchavati, Nashik-422003

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### Rain Water Harvesting

### **Rain Water Harvesting**

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### **Rain Water Harvesting**



### **Rain Water Harvesting**



### Borewell / Open well Recharge

### **Borewell Recharge**

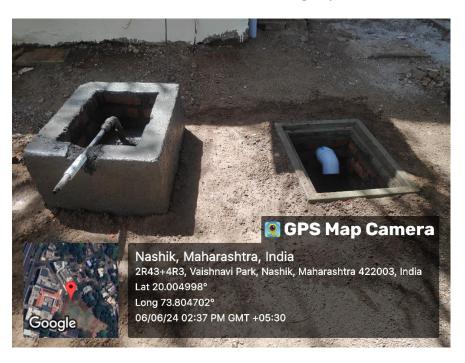
**Borewell** 



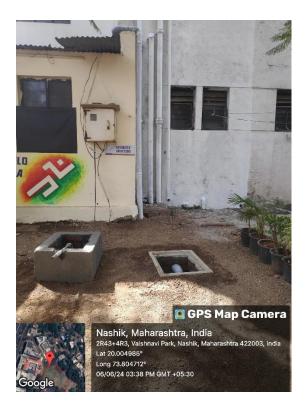
**Borewell - Recharge** 



**Borewell & Borewell Recharge System** 



### Pipe from Girl's Hostel Terrace to the Borewell Recharge



### Pipe from Girl's Hostel Terrace to the Borewell Recharge



### **Open Well Recharge**

**Open Well Recharge** 



**Open Well Recharge** 



### Construction of Tanks and Bunds

### Construction of Tanks & Bunds Tank for Rain Water Harvesting



**Tank for Rain Water Harvesting** 



**Tank for Rain Water Harvesting** 



**Tank for Rain Water Harvesting** 



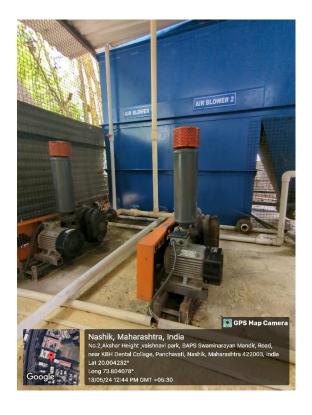
### Waste Water Recycling

### **Waste Water Recycling Plant**

### **Sewage Treatment Plant & Effluent Treatment Plant**



### **Sewage Treatment Plant**



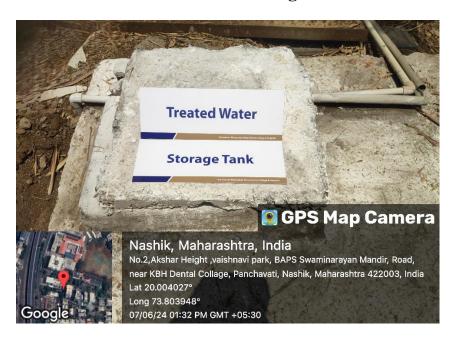
### **Sewage Treatment Plant**

### **Sewage Treatment Plant**





### **Treated Water Storage Tank**

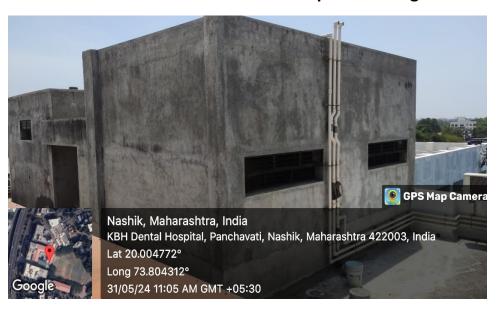


# Maintenance of Water Bodies and Distribution System in the Campus

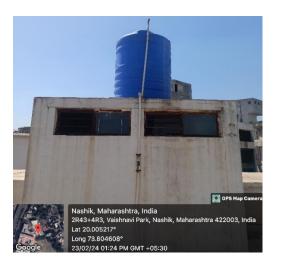
### **Underground and Other Water Tanks at Girl's Hostel**



### Overhead Water Tank - Hospital Building



### Overhead Water Tank – Girl's Hostel



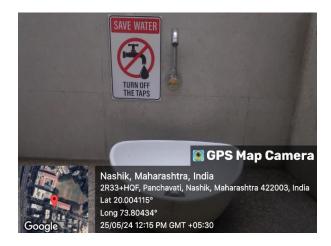
### Overhead Water Tank – Boy's Hostel



### **Water Cooler**



### **Water Tap**



### Geotagged Photographs of Code of Conduct or Visitor's Instructions Displayed in The Institution

### **Visitor's Instructions**



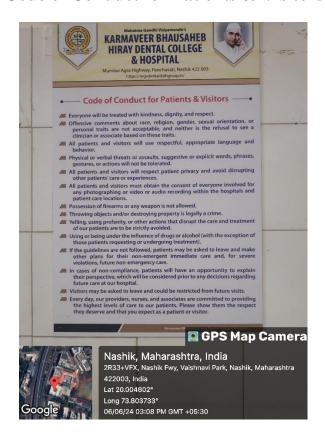
### **Visitor's Instructions**



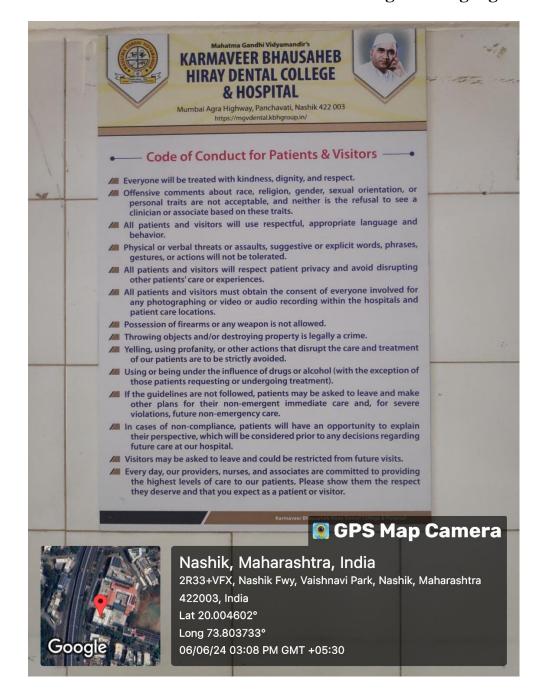
### Code of Conduct for Patients & Visitors or Visitor's Instructions Displayed in the Institution



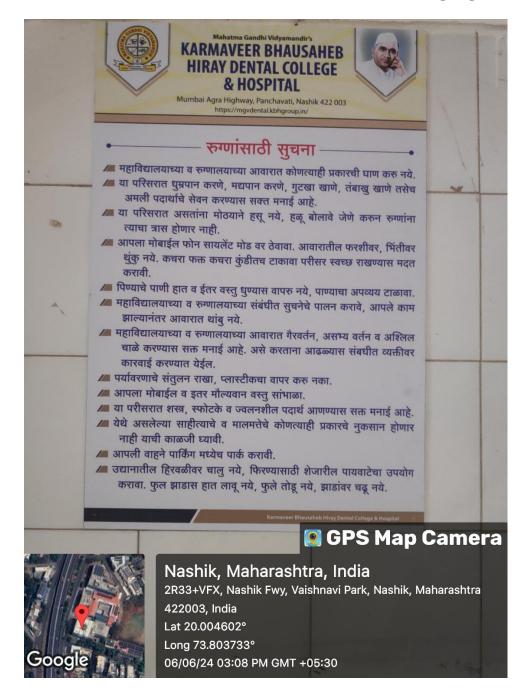
### **Code of Conduct for Patients & Visitors**



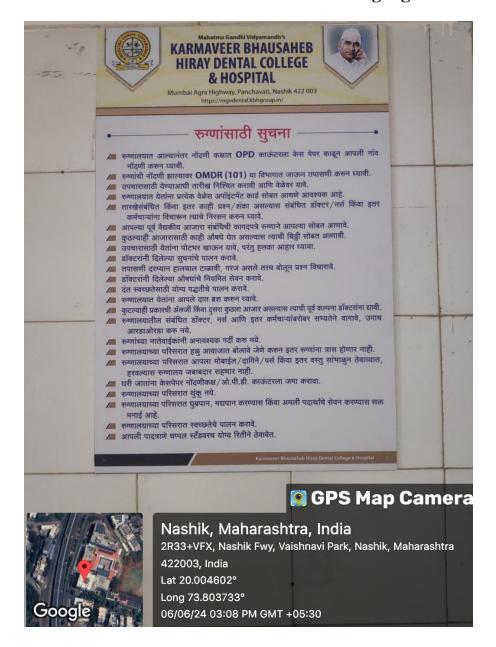
### Code of Conduct for Patients & Visitors- English Language



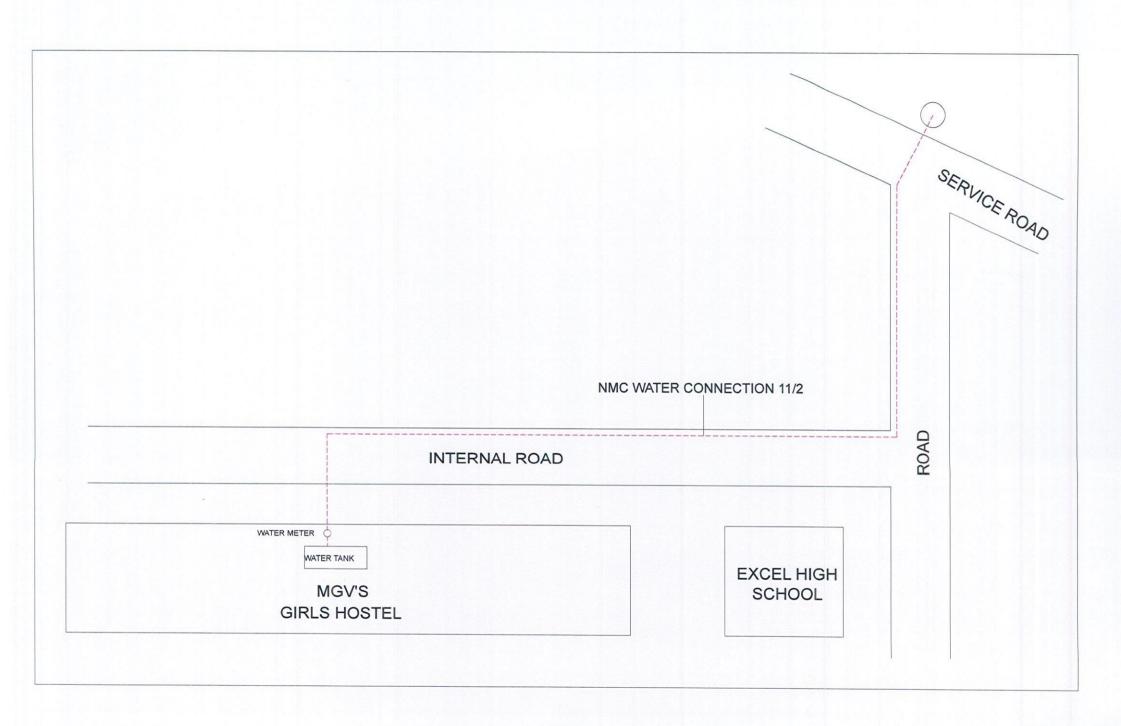
### **Instructions for Visitors & Patients – Marathi Language**



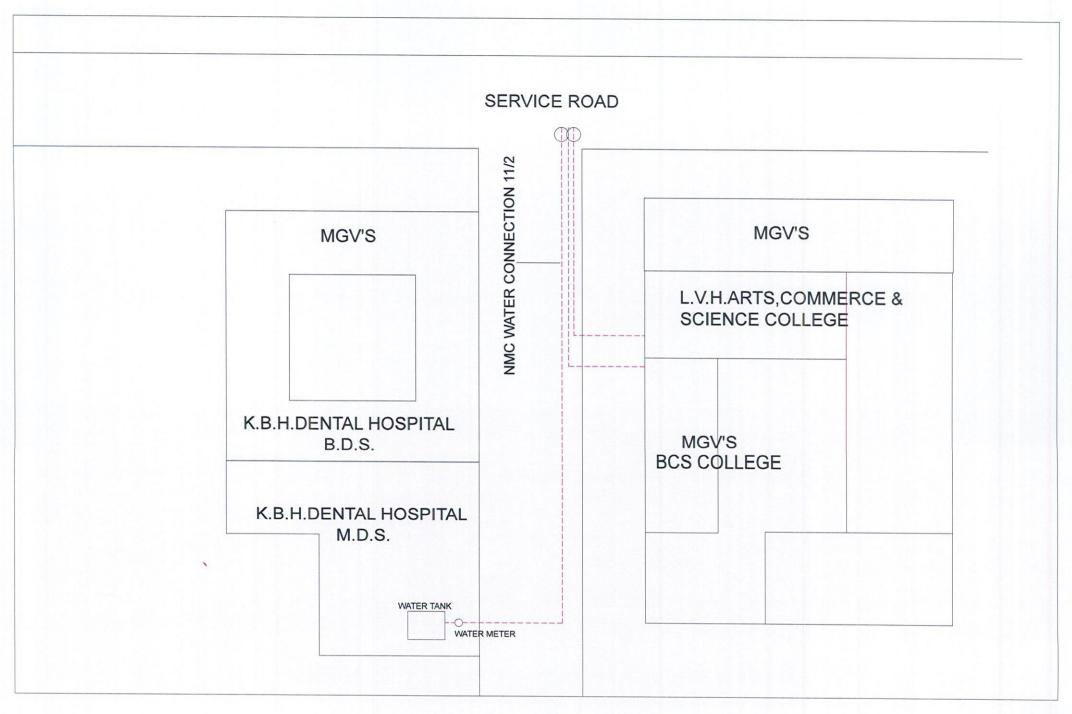
### **Instructions for Patients – Marathi Language**



### Water Distribution System Layout



### SWAMI NARAYAN MANDIR 12.0 M W I D E ROAD ELECTRICAL ROOM MGV'S **BOYS HOSTEL** WATER TANK



### Water Conservation Policy



### Karmaveer Bhausaheb Hiray Dental College & Hospital

Panchavati, Nashik-422003

Outward No- MGV/ KBHDC/ IQAC/110 /2019-20

Date - 5-May-2020

### **Water Conservation Policy**

### Introduction

Karmaveer Bhausaheb Hiray dental college and hospital is committed to implementing comprehensive water conservation strategies to ensure sustainable water usage and management within the campus. The policy outlines the measures for rainwater harvesting, borewell, open well recharge, construction of tanks and bunds ,waste water recycling and maintenance of water bodies and distribution system in the campus.

### Purpose:

Mahatma Gandhi Vidyamandir's Karmaveer Bhausaheb Hiray Dental College and Hospital recognizes the importance of water conservation in preserving natural resources and promoting environmental sustainability. This policy aims to establish guidelines and practices to minimize water consumption and water wastage within the college premises.

### Objectives -

- 1) Promote sustainable water use practices within the campus.
- 2) Reduce dependency on external water sources.
- 3) Ensure efficient water distribution and maintenance of water infrastructure.
- 4) Enhance ground water recharge and storage capacity.

### Responsibilities:

**Administration:** The administration shall oversee the implementation of water conservation measures and ensure compliance with the policy.

**Faculty and Staff**: All faculty and staff members are responsible for adhering to water-saving practices and promoting awareness among students.

**Students:** Students are expected to participate actively in water conservation efforts and report any water leaks or wastage promptly.

### 1) Water Management Practices:

**Regular Maintenance**: Conducted regular inspections of plumbing systems, fixtures, and irrigation systems to detect and repair leaks promptly.

Efficient Fixtures: Installed water-efficient fixtures throughout the college campus.

### 2) Rainwater Harvesting:

**Rooftop harvesting** – Installed rain water harvesting system on buildings to collect and direct rainwater into recharge pits.

**Surface runoff**- Constructed percolation tanks and bunds to capture surface runoff and promote ground water recharge.

### 3) Waste water Recycling:

- Institution has established Sewage Treatment Plant and Effluent treatment plant for waste water where waste water gets recycled and that treated water is used for watering plant, irrigation and cleaning.
- Treated water reuse reduces freshwater consumption.
- Ensure regular testing of treated water is done to meet safety standards for reuse.

### 4) Construction of Bunds -

- Constructed bunds to slow down water flow,
- prevent soil erosion and increase water percolation into the ground.
- Maintenance of tanks and bund -regularly inspect and repair tanks and bunds to prevent leaks and ensure their integrity.

### 5) Borewell and open well recharge -

• Established bore well and open well recharge to enhance ground water level.

### 6) Maintenance of water bodies -

- To preserve natural and artificial water bodies in the campus, maintenance of water bodies carried out regularly.
- Regularly cleaning natural and artificial water bodies to maintain water quality and storage capacity.
- Monitoring water quality to detect and address pollution or contamination issues promptly.

### 7) Water distribution system -

- Ensured efficient and equitable distribution of water across the campus.
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 By integrating these components into a comprehensive policy, the campus can significantly reduce its water footprint, promote sustainable practices and ensure reliable water supply for the future.

### 8) Landscaping:

Organised tree plantation drive to enhance ground water level. Utilization of native and drought-resistant plants for landscaping to minimize water usage for irrigation.

### 9) Green Audit and environmental audit -

The institute has been conducted green audit and environmental audit to safe guard the environment, energy conservation, water conservation, use of renewable energy sources, etc. The institute has been taken maximum effort to maintain campus eco-friendly.

### 10) Awareness Campaigns:

Organized awareness campaigns to educate the college community about the importance of water conservation and simple practices to reduce water consumption.

### Water Conservation Guidelines:

- Turn off Taps: Encouraged turning off taps tightly after use and report any dripping faucets or leaking pipes promptly.
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- Reporting: Water leaks, wastage, or inefficient water fixtures are promptly reported to the maintenance department and it is promptly repaired by maintenance department.

Monitoring and Evaluation: Regularly monitor water consumption and evaluate
the effectiveness of water conservation measures. Make necessary adjustments
and improvements based on the findings.

Principal Dr. Meenal N. Gulve

Dr. Meenal Guive PRINCIPAL MGV's KBH Dental College & Hospital Panchavati, Nashik-422 003

# Code of Conduct For Patients and Visitors



### Karmaveer Bhausaheb Hiray Dental College & Hospital

Panchavati, Nashik-422003

MGV/ KBHDC / COC / 04 /1819

01/02/2019

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y Bhawsar

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### Karmaveer Bhausaheb Hiray Dental College & Hospital

Panchavati, Nashik-422003

11/12/2019

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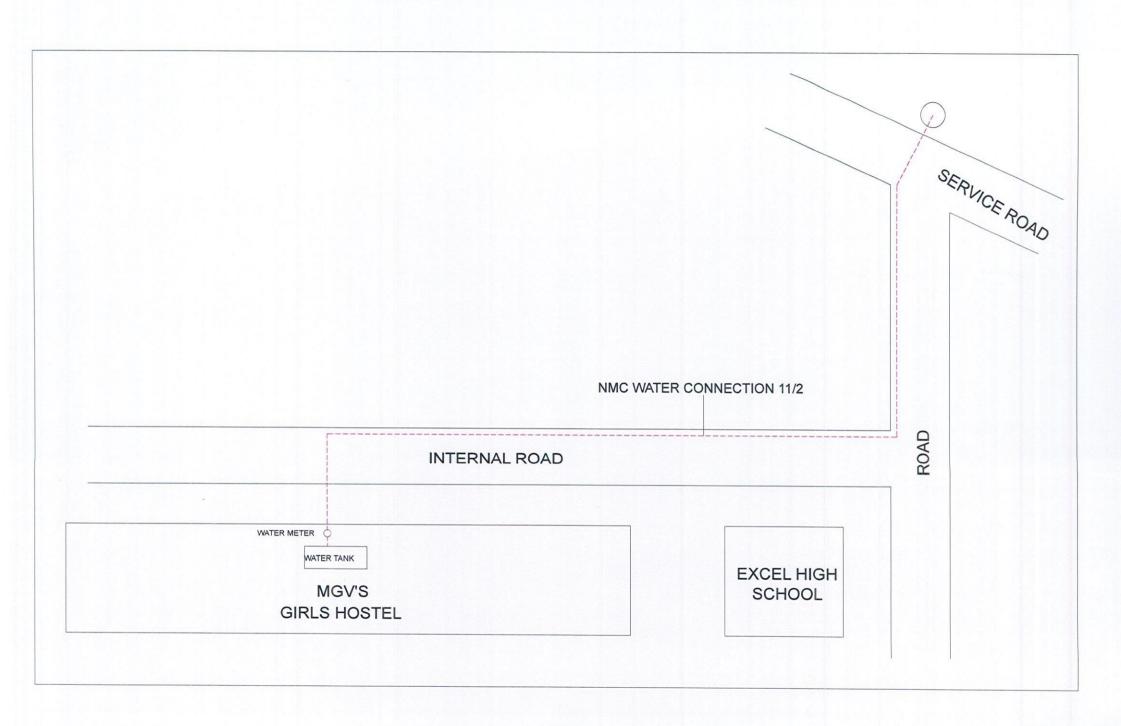
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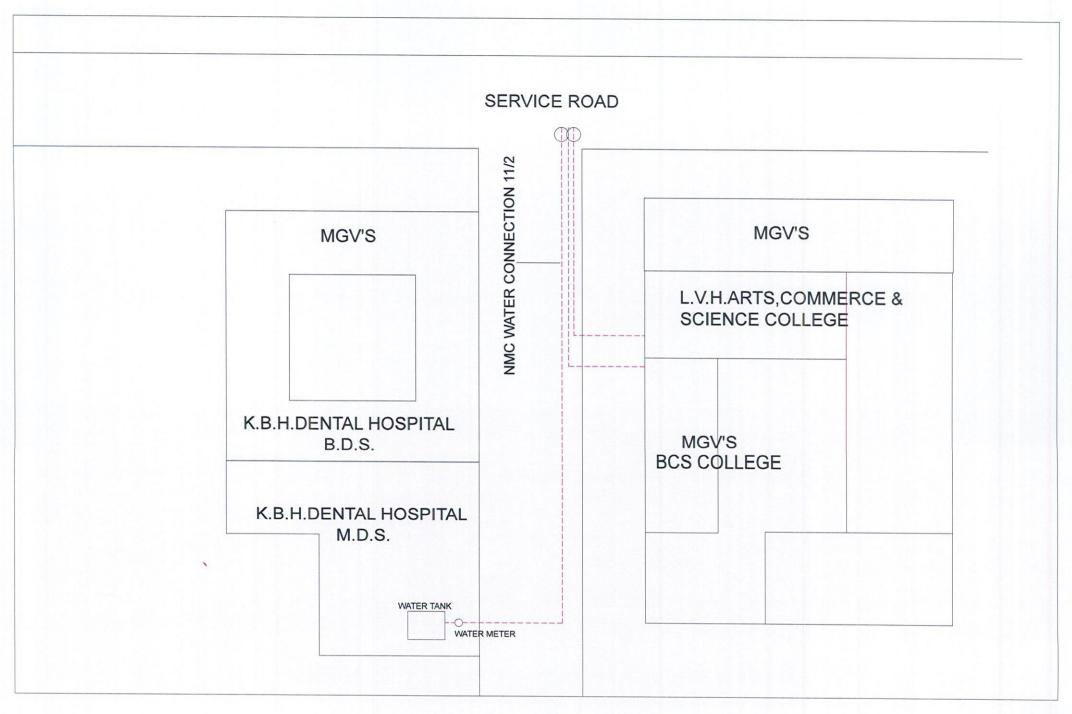
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