

INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT
INTERNATIONAL DEVELOPMENT ASSOCIATION

SECOND PROGRESS REPORT
ON THE IMPLEMENTATION OF MANAGEMENT'S ACTION PLAN IN RESPONSE
TO THE
INSPECTION PANEL INVESTIGATION REPORT (REPORT INSP/144751-IN)
ON THE

INDIA

RURAL WATER SUPPLY AND SANITATION PROJECT

FOR LOW INCOME STATES (P132173)

March 31, 2025

India
Rural Water Supply and Sanitation Project for Low Income States (P132173)
(IDA Credit No. 5345-IN)

Progress Report No. 2 on Implementation of Management Action Plan

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I. INTRODUCTION

1. This is the Second Progress Report to the Board of Executive Directors (the Board) on the implementation of the Management Action Plan (MAP) in response to the Inspection Panel Investigation Report No. (INSP/144751-IN) on the India – Rural Water Supply and Sanitation Project for Low Income States (P132173) (the Project).

2. ***The Project.*** The Project was a US\$1.0 billion operation, of which the International Development Association (IDA) financed US\$500 million equivalent, and the rest was funded by the Government of India (34 percent), the governments of the Project states (16 percent) and beneficiary contributions (0.1 percent). The Project was approved on December 30, 2013, with a planned duration of six years. Implemented in the states of Assam, Bihar, Jharkhand and Uttar Pradesh, the Project supported investments to improve water supply and sanitation, including construction of new infrastructure and rehabilitation and expansion of existing schemes.

3. The Project was restructured in 2019. This included: (i) cancellation of US\$250 million of the IDA credit; and (ii) revision of the results framework to align it with the revised expectations following the credit cancellation.

4. ***Current Status of Project.*** The Project closed on March 31, 2020, with about 79 percent of the revised loan amount disbursed.

5. Under the Project, 1,077 water supply schemes were implemented. Most of these were single-village schemes (SVSs) using local groundwater sources, and the remainder larger multi-village schemes (MVSs) that serve multiple communities with surface water from rivers. By Project closing, 637 piped water schemes were formally commissioned across the four participating states. The commissioned water schemes delivered water through 335,882 new, metered and piped household water connections, of which 41,809 had continuous 24/7 supply. The Project also rehabilitated 20,879 piped household water connections and constructed or rehabilitated 3,068 improved community water points. In the State of Jharkhand there are 189 schemes (182 SVSs and 7 MVSs).

6. Overall, the Project supported rural water supply and sanitation programs in 33 districts in Assam, Bihar, Jharkhand, and Uttar Pradesh, and directly benefitted about 3.97 million rural people, including tribal populations. Forty-eight percent of the beneficiaries were female. About 2.31 million people were provided with access to “improved water sources” under the Project, either through a new or rehabilitated piped household water connection, or improved community water points. The Project also improved the “access and usage” of the water supply and sanitation facilities created in the Project area. Women and children benefitted significantly from the Project interventions as they bear a disproportionate burden of securing daily water supplies and dealing with illnesses resulting from poor water and sanitation facilities.

Summary of the Panel Process

7. **Request for Inspection.** In 2018 the Inspection Panel (IPN or the Panel) registered two requests relating to the Project. The First Request for Inspection of the Project, IPN Request RQ18/06 was registered on November 5, 2018. The First Request included allegations by 104 Santhal tribal community members from Giddhi Jhopri, who were affected by a Water Treatment Plant (WTP) associated with the Bagbera MVS, which was supported under the Project. On December 18, 2018, the Panel registered a Second Request on the Project (RQ18/07). The Request raised allegations by 130 Santhal and Ho tribal community members from Purani Basti, who were affected by an Elevated Storage Reservoir (ESR), associated with the Chhotagovindpur MVS, which was near their habitation. Both Giddhi Jhopri and Purani Basti are small hamlets in the East Singhbhum District of Jharkhand State; they are located on the outskirts of the industrial city of Jamshedpur. Hereafter both the First Request and the Second Request will be jointly referred to as “the Request,” and the Santhal community members from Giddhi Jhopri and Purani Basti will be referred to as “the Requesters.”

8. The Requesters argued that site selection did not adequately analyze alternatives that would have avoided or minimized harm to their communities. They mainly complained that both facilities were built on communal grounds of tribal or religious significance, which in the case of Giddhi Jhopri also included their burial grounds. They alleged that this occurred because appropriate consultations at the village level did not take place.

9. Management provided its Response to the two Requests on December 10, 2018 and January 28, 2019. Because of the similarities in the cases and the close timing of the submissions, the Panel decided to process the cases jointly. In its Eligibility Report to the Board on March 1, 2019, the Panel found the Request eligible for inspection and recommended that the Executive Directors authorize an investigation.

10. **Investigation.** The Board approved an investigation into the allegations of harm arising from instances of noncompliance by the Bank with its operational policies and procedures. On January 15, 2020, the Panel issued its [Investigation Report](#), to which [Management responded](#) on December 21, 2022 with its proposed Management Action Plan (MAP). On March 2, 2023, the Bank’s Board considered both reports and approved the MAP.

II. PROGRESS OF MANAGEMENT ACTION PLAN IMPLEMENTATION

11. In the current Progress Report period, the following actions have either been completed or achieved significant progress:

Completed:

- **Monthly Water Testing.** Monthly testing of raw water treated water and sludge for a continuous 12-month period. The year-long (December 2023 – November 2024) monitoring at Chhotagovindpur shows that the treated water is consistently meeting Bureau of India Standards (BIS) 10500:2012 for drinking water quality. The Bank concurs with

the client's assessment that the technical design and operation of the water treatment plant is therefore adequate.

- Confirmation of Technical Design of WTPs vis a vis Water Quality.
- Environmental Management Plans (EMP). A monitoring report on EMP implementation was submitted to the Bank which reviewed it.
- Grievance Redress Mechanism.

Ongoing:

- Sludge Management. The testing of sludge at Bagbera WTP for a period of 12 months will start when the facility becomes operational, which is expected by June 2025.
 - Liquid Waste Management. Work on solid and liquid waste management, involving construction of soak pits and drains in both MVS areas, is progressing steadily albeit slowly.
 - Composition of Village Water and Sanitation Committee (VWSCs) and Multi-Village Water and Sanitation Committee (MVWSCs).
 - Consultation with Affected Communities.
 - Livelihoods Pilot: Thirty Self Help Groups (SHGs) have been formed in Giddhi Jhopri habitation and funds provided for livelihood pilots, comprising activities such as small businesses, livestock raising, and vegetable cultivation, as well as for health (treatment for ailments) and education-related expenditure, with support from the Jharkhand State Livelihood Promotion Society (JSLPS).
 - Slope Stabilization at Bagbera WTP. Progress also has been made on slope stabilization works, including meetings between the Bank's technical expert and the Department of Drinking Water and Sanitation (DWSD) and its contracted consultant firm; the technical expert provided recommendations on the design
 - Information Dissemination.
 - The Tribal Specialist (Consultant) engaged to provide support on Indigenous Peoples Development Plans/Frameworks in Bank-financed operations across the India portfolio remains available for teams during preparation and supervision as needed.
12. Management notes that progress has been achieved despite changes to government personnel. The Government of Jharkhand remains committed to completing the pending actions, which are anticipated to be completed by September 2026.
13. Further details on progress in implementation of the MAP are provided in the table below.

MAP Implementation Status

Issue/ Finding	Borrower Actions		Bank Actions	
	Action	Status	Action	Status
OP/BP 4.01 – Environmental Management Plans	<p>Monthly Water Testing:</p> <p>The Executive Engineer (EE) of the DWSD in charge of the East Singhbhum District to ensure that water samples are taken monthly at the water intake of both schemes for testing by a professional, certified laboratory. Water analysis at both schemes to start on January 1, 2023, for a year and to include all parameters of the applicable drinking water supply standard, including: aluminum, arsenic, iron, fluoride, cadmium, copper, lead, manganese, nickel, zinc, and pathogens.</p> <p><i>Date: January 1, 2023, to December 31, 2023</i></p>	<p>Partially completed</p> <p>Due to the transfer of a large number of district-level officials in July 2023, there was a five-month gap in the monthly testing. Regular raw water quality checks resumed in December 2023 and was extended for both schemes until November 2024. While the raw water tests did show the presence of heavy metals, they were either undetectable or were within the permissible limits of the BIS for the treated drinking water. The treated water was also tested for pathogens, but none were detected. A residual chlorine level of 0.2 mg/l was also maintained to ensure no pathogens in the treated water.</p> <p>The action is completed for the Chhotagovindpur scheme. For the Bagbera scheme testing of raw water samples have been completed while testing of sludge is ongoing.</p>	<p>The Bank to review the monthly water analyses.</p> <p><i>Date: January to December 2023</i></p>	<p>Completed</p> <p>Following the resumption of testing in December 2023, tests were continued for a year. The Bank reviewed the reports on a quarterly basis until December 2024, when the testing ended. As per the test report there is a presence of heavy metals in the raw water however, the WTP and its operation at Chotagovindpur confirmed that the treated water is free of heavy metals and all parameters are within permissible limits of the BIS for drinking water, and that there were no pathogens detected. The Bank’s technical expert has confirmed the above.</p> <p>The MAP action has been completed, however, the DWSD will continue testing as part of regular monitoring.</p>
OP/BP 4.01 – Environmental Management Plans	<p>Confirmation of Technical Design of WTPs vis a vis Water Quality:</p> <p>The office of the EE, DWSD, East Singhbhum District to review the technical design of the WTPs to confirm that the WTPs can indeed treat the water to the applicable drinking</p>	<p>Completed</p> <p>Treated water quality monitored over a year (December 2023 – November 2024) at Chhotagovindpur consistently met the BIS 10500:2012 for drinking water quality. This demonstrates that the treatment plant is capable of</p>	<p>The Bank to review the assessment report.</p> <p><i>Date: Bank to review the Assessment Report within 15 working days of receipt of each</i></p>	<p>Completed</p> <p>The Bank reviewed the test reports and concurred with the client’s assessment that the technical design and operation of the water treatment plant are adequate to deliver water of a quality that adheres to the BIS for drinking water.</p>

Issue/ Finding	Borrower Actions		Bank Actions	
	Action	Status	Action	Status
	<p>water standards and make any corrections needed. The assessment report to be shared with the Bank</p> <p><i>Date: 60 days after the date of issuance of the work order for the contract for the completion and O&M of each MVS, which is expected to be in November 2022 for the Chhotagovindpur MVS, and in December 2022 or January 2023 for the Bagbera MVS</i></p>	<p>delivering water that meets BIS for drinking water quality.</p>	<p><i>Report and until June 30, 2023.</i></p>	
	<p>Environmental Management Plans (EMP)</p> <p>The office of the EE, DWSD, East Singhbhum District or the contractor/operator of each MVS, under the supervision of the EE's office, to update the Environmental Management Plans (EMPs) of the Chhotagovindpur and Bagbera MVSS accordingly and to standards acceptable to the Bank.</p> <p><i>Date: 90 days after the date of issuance of the work order for the contract for the completion and O&M of each MVS.</i></p>	<p>Completed during the last reporting period</p>	<p>The Bank to review the EMPs and provide its no objection on each EMP.</p> <p><i>Date: Bank to review the EMPs within 15 working days of receipt of each Report until April 30, 2023.</i></p>	<p>Completed during the last reporting period</p> <p>The Bank confirmed with the DWSD that the EMPs are now disclosed on government's website, at the following links:</p> <p>http://dwsd.jharkhand.gov.in/webpages/WorldBank.aspx</p> <p>http://dwsd.jharkhand.gov.in/Documents/World%20Bank/EMP%20Chhotagovindpur%20Final.pdf</p> <p>http://dwsd.jharkhand.gov.in/Documents/World%20Bank/Final%20EMP%20Bagbera.pdf</p> <p>https://www.jharkhand.gov.in/PDepartment/ViewDocument?id=D006DO009SD002707112023121837418</p> <p>https://www.jharkhand.gov.in/PDepartment/ViewDocument?id=D006DO009SD002707112023121958302</p>
	<p>b) The office of the EE, DWSD, East Singhbhum District to ensure the</p>	<p>Ongoing</p>	<p>The Bank to oversee EMP implementation</p>	<p>Ongoing</p>

Issue/ Finding	Borrower Actions		Bank Actions	
	Action	Status	Action	Status
	<p>adequate implementation of the EMPs during the construction and operation & maintenance (O&M) phases, as per the provisions of the Financial Agreement No. 5345-IN between India and IDA and the related Project Agreement between IDA and the State of Jharkhand, both dated February 7, 2014. Quarterly EMP implementation reports to be shared with the Bank.</p> <p><i>Date: Reports to be shared with the Bank within 15 days following the end of each quarter until April 30, 2025.</i></p>	<p>Based on inadequacies pointed out during the Bank’s periodic EMP monitoring at the Chhotagovindpur WTP site during the last reporting period, an eye wash unit, a safety shower facility, a chlorine leak alarm and neutralization tank with hoist were installed near the chlorination unit. Gum boots, hand gloves and other relevant PPE are also being provided to the workers. Phone numbers of nearby Hospitals and Ambulance services are displayed in prominent places at this WTP site. Emergency beds are also provided. Similar arrangements have been planned for the Bagbera WTP.</p> <p>The EMPs for the respective schemes mention measures needed to protect the riverbank around the intake well and the columns supporting the raw water pipeline on Kharkai river from the intake to the riverbank. A technical firm was hired to develop designs and drawings for riverbank protection structures, which were submitted to the Circle Office of Superintendent Engineer (SE) after incorporating suggestions from the Bank expert who reviewed them during a mission in September 2024. Comments from the SE were being reviewed and the designs/drawings will be resubmitted by the EE, after which the SE will submit them for technical approval by the CDO Office, Ranchi, expected by</p>	<p>as the works and O&M phases progress.</p> <p><i>Date: Bank to review the EMP implementation reports within 15 working days of receipt of each Report.</i></p> <p><i>EMP implementation supervision for the first six months of O&M phase, expected to be from January 1 to June 30, 2025, for the Chhotagovindpur MVS and between October 2024 and March 2025 for the Bagbera MVS</i></p>	<p>The DWSD did not share any quarterly progress reports on EMP implementation for 2024. The Bank requested the DWSD to submit a consolidated report for the past four quarters and to thereafter regularly submit quarterly progress reports. The consolidated report for the past 4 quarters was recently received and reviewed by the Bank and was considered satisfactory.</p>

Issue/ Finding	Borrower Actions		Bank Actions	
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		April 2025.		
OP/BP 4.01 – Environmental Management Plans	<p>Sludge Management:</p> <p>a) The EE, DWSD, East Singhbhum District to ensure that the operators of the WTPs submit monthly sludge samples for testing by a professional, certified laboratory. Analysis at both schemes to take place on a monthly basis, for a year and will include: aluminum, arsenic, iron, fluoride, cadmium, copper, lead, manganese, nickel, zinc, and pathogens.</p> <p><i>Date: Starting January 1 until December 31, 2023, for Chhotagovindpur WTP.</i></p> <p><i>For Bagbera WTP: starting the month of MVS commissioning, which is expected under the new contract to be in October 2024, and for a year thereafter.</i></p>	<p>Ongoing</p> <p>As with the water quality testing, after a break during the second half of 2023, samples were consecutively tested for 12 months from December 2023 to November 2024 at the State-level NABL- accredited¹ lab in Ranchi. While the test report results indicated the presence of heavy metals in the sludge, the reported levels were significantly lower than the thresholds specified for classification as hazardous waste by the Central Public Health and Environmental Engineering Organization (CPHEEO). Sludge testing at the Bagbera WTP will begin when it enters operation and will continue monthly for a period of 12 months thereafter.</p>	<p>The Bank to review the analyses.</p> <p><i>Date: January to December 2023 for Chhotagovindpur WTP. October 2024 until October 2025 for Bagbera WTP.</i></p>	<p>Ongoing</p> <p>The Bank reviewed the test results. Since heavy metals were detected in the sludge, albeit at levels that are not hazardous as per standards of the Central Public Health and Environment Engineering Organization (a unit of the Ministry of Housing and Urban Affairs, Govt. of India), the Bank team advised the client not to use the sludge for any edible crops, but that it could be used for growing non-edible horticultural plants or else disposed of in landfills. The WTP operator will include this guidance in the operating procedures for the WTP and the Bank will monitor the issue as part of the DWSD quarterly progress reports on EMP implementation.</p> <p>Review of sludge test reports and any actions required for Bagbera will commence with the start of WTP operations for a period of 12 months. Partial commissioning of the Bagbera plant is expected to occur in June 2025.</p>
	<p>b) If any of the analyses detects the presence of heavy metals or pathogens, the office of the District EE of the East Singhbhum District to:</p> <p>(i) Ensure the development of appropriate information, education and communication (IEC) activities (including hoardings and active</p>	<p>Ongoing</p> <p><i>Note: Action is conditional on detection of heavy metals and pathogens in sludge – no action required otherwise.</i></p> <p>Heavy metals measured in the sludge are significantly lower than the</p>	<p>If required, the Bank to review IEC measures and share comments and recommend possible measures with the office of the District EE, DWSD, East Singhbhum</p>	<p>Ongoing</p> <p><i>Note: Action is conditional on detection of heavy metals and pathogens in sludge – no action required otherwise.</i></p> <p>Although the heavy metals observed are below the classification as hazardous, the client was advised not to use the sludge for</p>

¹ National Accreditation Board for Testing and Calibration Laboratories.

Issue/ Finding	Borrower Actions		Bank Actions	
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	<p>communications measures) to inform staff and other potential handlers of the requirements when handling WTP sludge.</p> <p><i>Date: If required, within 30 days of the first analyses indicating the presence of heavy metals/pathogens.</i></p>	<p>CPHEEO's classification as hazardous wastes.</p>	<p>District and the Secretary, DWSD, Government of Jharkhand.</p> <p><i>Date: If required, within 15 days of receipt of the IEC activities and active communication material.</i></p>	<p>any edible crops, but only for landfill and/or non-edible horticulture. The WTP operator shall include this guidance in the operating procedures for the WTP and the Bank will monitor the issue as part of the DWSD quarterly progress reports on EMP implementation. Given that the sludge is not currently classified as hazardous, no preparation of IEC material is warranted.</p> <p>If any monthly sludge test results during the 12-month testing period indicate the presence of previously undetected impurities (heavy metals or pathogens) leading to classification of the sludge as hazardous in case of either or both of the WTPs, the Bank will review and closely monitor the steps taken by the implementing agency pertaining to handling and disposal and sensitizing workers as well as the public regarding safe practices through appropriate IEC materials.</p> <p>Additionally, heavy metals will be monitored as and when the Bagbera plant becomes operational. Further, the client has been requested to identify and eliminate the source of heavy metals in the raw water. Hence, until such time that the source of the heavy metals is identified and eliminated, it would be prudent to monitor heavy metals in the raw, treated water and sludge.</p>
	<p>(ii) Ensure and document that proper sludge handling measures are implemented; carry out quarterly campaigns to maintain awareness of correct sludge-handling procedures (including information on its</p>	<p>Ongoing</p> <p><i>Note: Action is conditional on detection of heavy metals and pathogens in sludge – no action required otherwise.</i></p>	<p>The Bank to review the quarterly report of the implementation of handling measures/ quarterly campaigns.</p>	<p>Ongoing</p> <p><i>Note: Action is conditional on detection of heavy metals and pathogens in sludge – no action required otherwise.</i></p>

Issue/ Finding	Borrower Actions		Bank Actions	
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	<p>potentially pathogenic nature; recommended use of gloves and face masks; importance of washing with soap and water all parts of the body that come into contact with the sludge); and capture in a quarterly report which campaigns have taken place and that actions to monitor and document the proper sludge handling measure are implemented.</p> <p><i>Date: If required, quarterly starting January 1, until December 31, 2023, for the Chhotagovindpur WTP.</i></p> <p><i>For Bagbera WTP: starting the month of MVS commissioning (expected to be in October 2024), and for a year thereafter.</i></p>	<p>If heavy metals or pathogens are detected in the sludge from either of the two WTPs, the following two actions will be initiated:</p> <ol style="list-style-type: none"> 1. A detailed program featuring quarterly IEC campaigns for correct sludge handling procedures will be drafted and implemented. 2. Reporting on the progress of various IEC campaigns as per above program schedule will be included in the quarterly progress reports to the Bank. 	<p><i>Date: Bank to review the quarterly reports until December 31, 2025</i></p>	<p>During the 12-month testing period of the Chhotagovindpur WTP, which is operational, heavy metals were found to be present, but in low concentrations, such that the sludge is not classified as hazardous. Nevertheless, the client was advised not to use the sludge for any edible crops, but only for landfill and/or non-edible horticulture. Sludge testing and monitoring for sludge from Bagbera WTP will commence once it is commissioned.</p>
Solid and Liquid Waste Management Impacts	<p>Liquid Waste Management:</p> <p>a) The office of the EE, DWSD, East Singhbhum District to organize the preparation of and submit to the Bank for review, a Detailed Project Report (DPR) for the development of Liquid Waste Management (LWM) activities in the Bagbera and Chhotagovindpur MVSs to help ensure that additional water consumed in the service area is adequately managed and that by-products of the WTP and wastewater treatment systems to be constructed are adequately handled and/or disposed of.</p>	<p>Ongoing</p> <p>The EMPs of both schemes contain an annex with a road map for fully addressing LWM requirements through available provisions under the Swachh Bharat Mission, which is an ongoing program covering all districts of the state. The DWSD has prepared village-level action plans for addressing solid and liquid waste management through household and community soak pits, and sullage drains in all the Gram Panchayats covered by the MVSs and has started implementing them under the Swachh Bharat Mission phase II in several GPs. It expects to cover all GPs</p>	<p>The Bank to review and comment on the DPR as required and confirm that District and State officials secure adequate funding and launch the procurement process for DPR-supported activities.</p> <p><i>Date: July 31, 2023, for DPR preparation.</i></p> <p>The Bank to follow-up monthly thereafter to monitor progress on</p>	<p>Ongoing</p> <p>The DWSD has now begun undertaking village-level LWM interventions under the Swachh Bharat Mission. The Bank reviewed the progress of these LWM implementation activities as submitted in the most recent quarterly progress report and also through site visits. Currently, LWM coverage is at about 6.5-7% in both scheme areas, which is slower than expected due to limited allocation of funds from the SBM to the DWSD. However, as the SBM is an ongoing program and funds will be made available every year, the program is expected to cover all GPs in due course.</p>

Issue/ Finding	Borrower Actions		Bank Actions	
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	<p><i>Date: June 30, 2023, for DPR preparation.</i></p> <p>Upon acceptance by the Bank, the District administration/office of the EE, DWSD, East Singhbhum District to secure financing, procure the implementation of DPR-supported activities, and update Bank Management on the procurement status of the DPR-supported activities.</p> <p><i>Date: The procurement of DPR-supported activities to be launched by December 31, 2023</i></p>	<p>included in both schemes in about a year. Detailed plans regarding LWM coverage is included in both EMPs.</p> <p>The following is the status as of date in terms of LWM coverage in respect of GPs constituting both the MVS:</p> <p>Chhotagovindpur MVS LWM work is being undertaken in 19 Gram Panchayats. Soak pits constructed = 61 NADEP² pits constructed = 19 Drains constructed 7105 meters covering 2369 Households</p> <p>Bagbera MVS LWM work is being undertaken in 15 Gram Panchayats. Soak pits constructed = 19 NADEP pits constructed = 15 Drains constructed = 5966 meters covering 1987 Households</p> <p>The SBM-G has been extended for at least one more year and the interventions under this scheme will continue to be implemented until all GPs are covered. Once laying of drains is completed, it is planned to connect every 5-10 households to a suitable grey water disposal solution such as soak pits, etc.</p> <p>In addition, the DWSD has initiated work on development of Plastic Segregation Centers in all the GPs.</p>	<p>procurement of DPR-supported activities.</p> <p><i>Date: December 31, 2023, until the procurement of DPR supported activities is completed or until December 31, 2025, whichever comes first.</i></p>	

² NADEP is an acronym for Narayan Deotao Pandharipande, who invented a method of making compost.

Issue/ Finding	Borrower Actions		Bank Actions	
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		DWSD has identified the government-owned land and obtained the required approvals to establish these centers in 9 Panchayats covered by Chhotagovindpur and 4 panchayats covered by Bagbera. These Plastic Segregation Centers will be established using SBM G-II funds.		
Site-Specific Tribal Development Plans	<p>Community Contributions:</p> <p>The DWSD, Government of Jharkhand, to maintain the discounted community contributions and water charges applied under the Project for Scheduled Tribes/Scheduled Castes (ST/SC) located in Chhotagovindpur and Bagbera MVSs.</p> <p><i>Date: Starting January 1, 2023, for Chhotagovindpur MVS, and starting from the date of commissioning for Bagbera MVS, which is expected under the new contract to be in October 2024</i></p>	Completed as of the last reporting period.	<p>The Bank to review the evidence of offering the discounted contributions to the communities and monitor the application of the discounted water charges to the tribal population.</p> <p><i>Date: April to December 2023 for Chhotagovindpur MVS, and until October 2024 to June 2024 for Bagbera MVS.</i></p>	Completed as of the last reporting period
	<p>Composition of Village Water and Sanitation Committee (VWSCs) and Multi-Village Water and Sanitation Committee (MVWSCs):</p> <p>The office of the EE, DWSD, East Singhbhum District to review the composition of VWSCs and MVWSCs of the Chhotagovindpur and Bagbera MVSs to ensure adequate representation of tribal communities</p>	Completed as of last reporting period.	<p>The Bank to review the evidence of the revised composition of VWSC and MVWSC with adequate representations of the tribal communities.</p> <p><i>Date: April 15, 2023.</i></p>	Completed.
				<p>The Bank reviewed the details provided by DWSD and observes that MVWSC meetings are being conducted every month (barring a 2-month interruption in July-August 2024 due to a strike). The main items for discussion are: pace of construction, house connections, repair and maintenance, repair work completion, and potential water tariffs.</p>

Issue/ Finding	Borrower Actions		Bank Actions	
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	and share the composition of VWSCs and MVWSCs with the Bank. <i>Date: March 31, 2023, for both MVSs.</i>			
Assessment of Impact on Indigenous Peoples	<p>Consultation with Affected Communities:</p> <p>a) The administration of the East Singhbhum District to participate in a Gram Sabha under tribal leadership in Giddhi Jhopri and in Purani Basti. The District administration will, within two weeks of the issuance date of the Work Order to the selected contractor, reach out to each community to seek a date for the Gram Sabha. The Gram Sabha will be held at a date set by the community and convenient to all parties involved. This consultative meeting is aimed at presenting the details and schedule of the works to be carried out to complete the WTP and distribution network of the Bagbera MVS and the expansion of the service area of the Chhotagovindpur MVS, to hear any community concerns and agree with the community on any culturally appropriate mitigation measures.</p> <p>Minutes of the Gram Sabha meetings to be prepared and shared with all parties involved and with Bank Management.</p> <p>Date: January 31, 2023.</p>	<p>Ongoing</p> <p>On January 9, 2024, a Gram Sabha was held for Bagbera scheme at Giddhi Jhopri. It was attended by the Mukhiya, the Gram Pradhan, Jalshahiya, SHG and other villagers.</p> <p>Specific issues discussed at this Gram Sabha included: objectives of the government scheme (Jal Jeevan Mission); water quality; creating awareness about drinking water supplied from the scheme; how to get Open Defecation Free Plus status for the habitation.</p> <p>The Gram Sabha for Chhotagovindpur scheme is still outstanding.</p> <p>Total house connections in Chhotagovindpur and Bagbera MVS are 26,200 households and 11,500 households, respectively.</p>	<p>The Bank to review the outcome and decisions of Gram Sabha and follow up on implementation of actions and dialogue between communities and authorities at both MVSs until the construction / expansion works are commissioned.</p> <p><i>Date: February 15, 2023, for the Gram Sabha with each community.</i></p>	<p>Ongoing</p> <p>The Bank reviewed the minutes of this Gram Sabha and found them satisfactory.</p> <p>The DWSD has held several consultation meetings since mid-2023. Three were reported on in the last Progress Report – Sarjamda, Ranidih, and Giddhi Jhopri. Another was held in Chhotagovindpur on December 12, 2023, but the Bank did not receive the report until after issuance of the March 2024 Progress Report. This was a MVWSC meeting comprising 16 members. Topics discussed included: laying of pipelines; gaps in pipeline networks where pipelines need to be laid; responses given by the department and also contractor; not receiving water supply in certain locations; guidelines given by the department on collection of monthly tariffs be started.</p>

Issue/ Finding	Borrower Actions		Bank Actions	
	Action	Status	Action	Status
	<p>b) The District Commissioner, East Singhbhum to monitor that the measures agreed with the Giddhi Jhopri and Purani Basti communities are carried out.</p> <p><i>Date: December 31, 2023.</i></p>	<p>Ongoing</p> <p>While the Gram Sabha for Bagbera has been completed, the one for Chhotagovindpur is still pending as the community has not provided any preferred dates, despite several requests.</p>	<p>The Bank to monitor the implementation of mitigation actions agreed at the Gram Sabha with each community.</p> <p><i>Date: December 31, 2023</i></p>	<p>Ongoing</p> <p>The Bank has been monitoring the actions following the Gram Sabha meeting at Bagbera. These include: actions relating to household connections, including at Giddhi Jhopri; laying of pipelines to connect households; holding of MVWSC meetings on various topics such as water quality, laying of pipelines; and livelihood related actions.</p>
	<p>Livelihoods Pilot:</p> <p>The administration of the East Singhbhum District to implement a pilot project for the cultivation of high-value crops such as bamboo, lemongrass and other medicinal plants, at a site to be agreed with the Giddhi Jhopri community.</p> <p><i>Date: June 30, 2023.</i></p>	<p>Ongoing</p> <p>In Giddhi Jhopri, SHG members do not have land for agriculture activity. Hence, livelihood activities related to bamboo cultivation or lemon grass/medicinal plants are limited.</p> <p>To date, a total of 30 SHGs have been formed in Giddhi Jhopri and nearby hamlets, comprising 342 members. Thus far, INR 525,000 and INR 2,300,000 have been granted as Revolving Funds and Community Investment Funds, respectively, to these 30 SHGs, which function as grants-in-perpetuity that SHGs rotate among themselves through loans and repayment. In addition, 26 SHGs have been linked with national banks and have received INR 9,200,000 as loans. Details on livelihood activities are below:</p> <ol style="list-style-type: none"> 1. Business – 116 Households 2. Livestock – 84 Households 3. Health and other social issues – 	<p>The Bank to monitor the implementation of the pilot and provide technical support as required.</p> <p><i>Date: July 31, 2023</i></p>	<p>Ongoing</p> <p>In January 2025, Bank team met with District Administration and confirmed that these actions are indeed taking place and obtained information on the number of households covered in Giddhi Jhopri.</p> <p>Community member from Giddhi Jhopri also confirmed that meetings are being conducted in their habitations and women are participating in the meetings.</p>

Issue/ Finding	Borrower Actions		Bank Actions	
	Action	Status	Action	Status
		97 Households 4. Agriculture/Veg cultivation – 47 Households		
	<p>Slope Stabilization at Bagbera WTP: The office of the EE, DWSD, East Singhbhum to ensure that the selected operator for the Bagbera MVS (through its contract) stabilizes the soil at the WTP to minimize the risk of further soil collapse that could adversely affect the sacred tree of the Giddhi Jhopri community. <i>Date: June 30, 2023.</i></p>	<p>Ongoing Provision for slope stabilization works was included in the scope of works of the Contractor assigned to the Bagbera MVS. The Contractor engaged a private firm to develop the designs and drawings for the slope stabilization. The firm submitted them and shared them with the Bank expert. The expert visited the WTP site, intake well and the pipe-carrying bridge; reviewed the designs and drawings and provided detailed suggestions for their improvement. The expert also had a virtual meeting the firm, the contractor, and DWSD officials. The designs and drawings submitted to the Circle Office of the SE incorporated the suggestions of the Bank expert. Comments from the SE have been incorporated and the designs/drawings have been resubmitted to the SE, who will review and submit them for technical approval by the CDO Office, Ranchi, by April 2025.</p>	<p>The Bank to mobilize an expert on soil stabilization to provide advice to the Bagbera MVS contractor to minimize the risk of further collapse. <i>Date: January – June 2023 for advice, and until June 2025 for report monitoring on a semester-basis.</i></p>	<p>Ongoing The Bank supported this activity by deploying its expert. In September 2024 (Sept. 10-14), the consultant visited the WTP site at Bagbera, as well as the intake well and the pipe-carrying bridge. The expert reviewed the designs and drawings and provided detailed suggestions for improvement. The Bank will continue to support the DWSD by deploying the expert as and when requested by DWSD.</p>
Consultations	<p>Information Dissemination To improve information dissemination and to address community concerns such as affordability, safety, impacts</p>	<p>Ongoing The IEC District coordinator for the Jal Jeevan Mission (JJM), with assistance from the JJM’s implementation support</p>	<p>The Bank to review minutes of consultation meetings.</p>	<p>Ongoing The Bank received the minutes of the meetings noted below within two weeks of</p>

Issue/ Finding	Borrower Actions		Bank Actions	
	Action	Status	Action	Status
	<p>on health and hydrology and impacts on tribal cultural practices, the office of the EE, DWSD, East Singhbhum District, jointly with the Jal Jeevan Mission implementation team in Jharkhand, to organize consultations in the Chhotagovindpur and Bagbera MVs, at habitation level, to raise awareness of the works, to present the layout of the distribution network extensions in both MVs and the proposed activity for liquid waste management, to discuss potential impacts and mitigation measures, and to respond to specific community concerns. These consultations need to be carried out regularly in both schemes until completion of works and start of service delivery. The office of the EE, DWSD, East Singhbhum District to share the minutes of each consultation with Bank Management for review and information.</p> <p><i>Date: Consultations should begin on January 1, 2023. Minutes should be shared within one week of each consultation and until June 30, 2025.</i></p>	<p>agency conducted extensive communication activities reported on in the last Progress Report.</p> <p>DWSD has conducted door-to-door campaigns on proper usage and maintenance of toilets, soak pits, drains and NADEP and is continuing to conduct such activities. Jalsaiya and block coordinators together with the villagers and PRI members conducted the campaign in all villages and panchayats.</p> <p>In addition, an exposure visit of MVWSC members from the Chhotagovindpur MVSC was organized to the intake well, WTP, SCADA system, and some of the ESRs on February 18, 2024. The main objective of the exposure visit was to give confidence to the community regarding the water treatment and quality control mechanisms of the MVS as well as the close monitoring using the SCADA system. The MVWSC team also discussed the water tariff to be charged but it was not finalized.</p>	<p><i>Date: Bank to review minutes of consultations on raising the awareness of the schemes and responding to the concerns of the communities during the remaining construction period until June 30, 2025.</i></p>	<p>their occurrence, reviewed them and found them to be satisfactory.</p> <p>February 7, 2024, at North Sarjamda</p> <p>Topics discussed included: laying of pipelines; gaps in pipeline networks where pipelines need to be laid.</p> <p>No. of participants - 16</p> <p>June 11, 2024, at North Sarjamda</p> <p>Topics discussed included: laying of pipelines; gaps in pipeline networks where pipelines need to be laid.</p> <p>No. of participants -8</p> <p>December 30, 2024, at North Sarjamda</p> <p>MVWSC meeting was held. Topics discussed Topics discussed included: laying of pipelines; gaps in pipeline networks where pipelines need to be laid.</p> <p>No. of participants - 8</p>
Grievance Redress Mechanism	<p>The Jal Jeevan Mission team and the Government of Jharkhand to review existing GRM modalities as they pertain to the two MVs in question and enhance them as required to ensure comprehensiveness, consistency with tribal cultural practices and</p>	<p>Completed</p> <p>The DWSD has multiple modes for registration and redressal of complaints/grievances, which were described in detail in the last Progress Report.</p>	<p>The Bank to review and comment on the adequacy of GRM composition and terms to respond to the grievances of the local communities.</p>	<p>Completed</p> <p>The Bank reviewed the current GRM system as well as records of grievances received in the two blocks covered by the two MVs, which were shared by the DWSD.</p>

Issue/ Finding	Borrower Actions		Bank Actions	
	Action	Status	Action	Status
	inclusiveness (e.g., accessible to people without Internet access), adequacy of mechanism to receive, record and handle grievances, and to share this information with the Bank for review and update until the GRM modalities are found satisfactory to the Bank. <i>Date: January 31, 2023.</i>	In terms of responses to grievances, in Golmuri-cum-Jugsalai blocks, which are covered by the two MVS – Chhotagovindpur and Bagbera, 151 (84 percent) out of 179 cumulative grievances have been resolved. Most of the grievances relate to water quality, non-functional handpumps, pipeline leakages, etc.	<i>Date: February 28, 2023.</i>	
Supervision		<i>N/A</i>	The Bank carried out the Implementation Completion and Results Report of the Project as an intensive “learning” report to distill the lessons learned in Project design and implementation, so they can inform the design of other operations in India and elsewhere. Management will hold periodic sessions to inform team leaders in India and in the Water Global Practice of such lessons. <i>Date: June 30, 2023.</i>	Completed. The ICR was completed. The Tribal Specialist (Consultant) engaged by the Bank and based in Ranchi, Jharkhand, is expected to provide support in ensuring that appropriate project-related documentation (Indigenous Peoples Development Plans/Frameworks) is prepared and effectively implemented in projects across the India portfolio. This resource remains available for teams during preparation and supervision as needed.
Other			The Bank will continue to follow up with the Government of Jharkhand on the status	Completed in the last reporting period. The complaints were dropped.

Issue/ Finding	Borrower Actions		Bank Actions	
	Action	Status	Action	Status
			of the complaint opened against 39 community members and 109 unnamed in Giddhi Jhopri and on the status of South Sarjamda recommendation for Adhaar cards issuance for community members in Purani Basti. <i>Date: June 30, 2023.</i>	

III. CONSULTATIONS WITH REQUESTERS ON THE MAP IMPLEMENTATION PROGRESS

14. **Stakeholder Consultations.** A summary of consultations with the Requesters and community stakeholders on progress in the implementation of the MAP is presented below:

- (a) Consultations on MAP implementation progress were held with the affected community members on March 10, 2025. The Requesters were contacted by the anthropologist from the Bank team. While the Majhi Baba at Giddhi Jhopri was reachable, the other Majhi Baba at Purani Basti, Sarjamda was not. Efforts to contact the latter were made through the Pargana Baba as well but without success. As the Requesters wished to have the meeting away from their village premises, the meeting was organized at a hotel about 2-3 km distant and information on the time and venue was conveyed prior to the meeting. There was no limit on the number of participants. It was anticipated that about 2 or 3 Requesters would participate. However, owing to a death in his family, the Majhi Baba of Giddhi Jhopri was unable to attend. Only three community members – the Pargana Baba, Advisor to Pargana Baba and one member from Giddhi Jhopri – joined the meeting. Community representatives mentioned that the second Requester from Purani Basti does not have a phone and normally is not reachable. However, participants stated that they represented the entire community. During the consultations, the status of progress in implementing the MAP actions was presented and every participant was invited to provide feedback or ask questions. The consultation meeting did not include representatives from the Government of Jharkhand or the implementing agency.
 - (b) The Bank team apprised the participants that it had made visits to the area and specifically to the Bagbera WTP site. The visit there included the international expert from Nepal to look at the slope stabilization issue. The expert visited the site, interacted with department officials and the consultant firm, and provided inputs to the design, which will be incorporated when the works recommence at the site. The results of the water quality testing were also reviewed, which indicated that no heavy metals were present in the water that is supplied to the community, among other parameters.
 - (c) To date, 30 SHGs have been formed in Giddhi Jhopri and nearby hamlets and funds have been distributed. Member from Giddhi Jhopri confirmed that meetings related to SHG activities have been held in their habitation and funds have mostly been used for some small businesses.
 - (d) Finally, the Bank team apprised the participants about progress of activities on solid and liquid waste management, including the soak pits that have been constructed using Swachh Bharat Gramin funds. Community members remarked that while such soak pits have been constructed, they have mostly been done for water coming from the handpumps. They also noted that many drains have been constructed in the habitations, including in Giddhi Jhopri, but without adequate design measures to prevent water from pooling rather than flowing as it should. Pargana Baba also indicated the need for skill training for unemployed youths so that they could be effectively employed as security guards, electricians, etc., at the Bagbera WTP when it becomes operational.
15. Participants appreciated the Bank team's efforts in regularly engaging the community and updating it on the progress of these actions.

IV. NEXT STEPS

16. This Progress Report will be provided to the Requesters and publicly disclosed on the Bank's website.
17. ***Next Progress Report.*** The next Progress Report will be provided to the Board in 12 months' time, or upon completion of the MAP, whichever occurs first.