

**GOVERNMENT OF INDIA
MINISTRY OF HOUSING AND URBAN AFFAIRS
LOK SABHA
UNSTARRED QUESTION NO. 2768
TO BE ANSWERED ON DECEMBER 12, 2024**

DRINKING WATER SUPPLY UNDER CHANDIGARH SMART CITY MISSION

NO. 2768. SHRI MANISH TEWARI:

Will the Minister of HOUSING AND URBAN AFFAIRS be pleased to state:

- (a) the details of the progress and outcomes of the Chandigarh Smart City Mission since 2016;**
- (b) whether the Government is aware that despite the high-profile launch in August 2024, Chandigarh Smart City Limited (CSCL) has failed to deliver 24x7 clean water in Manimajra and supplying only two hours of muddy, undrinkable water daily to residents;**
- (c) if so, the measures taken/being taken to ensure timely completion of infrastructure initiatives in Chandigarh to address the issue failures;**
- (d) the details of budgetary allocation and expenditure on the water supply project in Manimajra since inception;**
- (e) the measures taken/ being taken to address inadequacies in the CSCL website, especially incomplete details of ongoing and completed projects; and**
- (f) whether an independent external audit or a C&AG performance audit of Smart City Projects has been conducted in the country, if so, the details thereof, State/UT-wise?**

ANSWER

**THE MINISTER OF STATE IN THE
MINISTRY OF HOUSING AND URBAN AFFAIRS
(SHRI TOKHAN SAHU)**

- (a) As on 03.12.2024, out of a total 36 projects amounting to ₹1,537 crore, 34 projects amounting to ₹1,475 crore have been completed by Chandigarh Smart City Limited (CSCL), as per data provided by the city. The progress and outcome of CSCL is given at Annexure - I & II, respectively.**

(b) & (c) As apprised by CSCL, under the Smart City Mission (SCM), a 24x7 water supply pilot project has been initiated in Manimajra. The project is currently at trial phase, during which the installed systems and equipment are being tested under working conditions to verify performance, identify the defects, if any, and ensure that components meet desired standards. The project has achieved the below mentioned deliverables:

- i. Supply hours have been enhanced from 9 hours to 18 hours in various zones.**
- ii. Water billing quantity has been increased from 2.5 million gallon per day (MGD) to 3.5 MGD with the installation of 12,700 smart water meters, which would help in reducing Non-Revenue Water (NRW).**
- iii. Identification and isolation of unauthorized water connections.**
- iv. Potable water is being supplied to the citizens, with chlorine analyzers installed in each District Metered Area (DMA) and at critical points to ensure maintenance of water quality.**

To ensure water quality, daily water samples are being collected by Municipal Corporation of Chandigarh (MCC). Additionally, random water samples are taken on daily basis from various households in Manimajra. No grievance has been reported in November 2024 for Manimajra.

- (d) The budgetary allocation and expenditure on water supply project Manimajra is given at Annexure-III.**
- (e) As informed by CSCL, the status of all completed and ongoing project are updated on website (www.chandigarhsmartcity.in).**
- (f) Third-Party Assessment on Integrated Command and Control Center (ICCCs) has been done by Quality Council of India (QCI). QCI is conducting evaluations across 100 Smart Cities in two cycles - the first to identify gaps and the second to ensure their resolution. On-ground assessments for Cycle 1 have been completed. Independent external audit has also been conducted by Standard Testing and Quality Control (STQC) Directorate, Ministry of Electronics & Information Technology (MeitY) for a cyber security audit of all 100 Cities. The State Auditor General auditing under the provisions of Companies Act, 2013 is regularly conducted by the smart cities Special Purpose Vehicles. This information is not maintained Centrally.**

Reply to part (a) of Lok Sabha Unstarred Question No. 2768 for answer 12.12.2024 regarding Drinking Water Supply under Chandigarh Smart City Mission

Details of Completed Projects made by Chandigarh Smart City Projects as on 03.12.2024

S. No.	Project Name	Total Cost (in ₹ crore)
1	Work for 24× 7 water supply pilot project under SCM in Manimajra Chandigarh consist of retrofitting of existing network, laying of new network including civil, Electromechanical, smart metering SCADA on EPC mode	166.06
2	Selection of System Integrator for Design, Develop, Implement and Maintain the SCADA System Along with Various Analysing Equipment for Recycled Water Distribution Network for Pan City Chandigarh under Chandigarh Smart City Project.	4.79
3	Implementation of ICCC - Phase II - Finishing & furnishing of Municipal SCADA building at Integrated Command Control Centre, Sector 17, Chandigarh	7.35
4	Engagement of Agency for Design, Build, Operate, Finance Transfer Public Bike Sharing System in Chandigarh on PPP Mode - PHASE III & IV	10.00
5	Engagement of Agency for Design, Build, Operate, Finance Transfer Public Bike Sharing System in Chandigarh on PPP Mode	10.06
6	Procurement of Battery Operated Cart, 10 Nos for Movement of Elderly and Disabled in Sec 17, e rickshaw	0.47
7	Implementation of ICCC	333.61
8	Smart Class Room total 90 Classrooms in 4 schools	4.83
9	Development of Basic Infrastructure for Smart Schools	0.38
10	Mobile Van for Hearing Screening for Elderly Citizens Health ATMs	0.52
11	Water ATMs at different Locations	0.52
12	Monitoring of Individual Street Lights in ABD	2.58
13	Legacy Waste Mining at Daddu Majra Dump Site	34.03
14	Construction and Management of Sanitary Landfill Site	13.44
15	selection of system Integrator for implementation of E Governance Services for Chandigarh Smart City	13.46
16	Underground Utility Mapping Using Ground Penetrating Radar Other Non-Penetrating Techniques	5.99
17	Construction of Material Recovery Facility and Garbage Transfer Stations 3 Nos - Civil Works	16.46
18	Refurbishment of Public Toilets - Package I Sector 17	1.41
19	Refurbishment of Public Toilets - Package II Sector 22	2.64
20	Refurbishment of Public Toilets - Package III Sector 35 43	1.17

S. No.	Project Name	Total Cost (in ₹ crore)
21	Procurement of furniture for 4 smart schools	2.85
22	Construction of Material Transfer stations and Garbage recovery facility - Mechanical works	19.63
23	Provision of SCADA for Solid Waste Management for Route Management, Efficiency of Collection, Mobile Application, Daily Management of Solid Waste Including Dry Wet as per Swachh Bharat Standards and O M for 5 Years	6.40
24	Provisions of 1.8.- 2.0 cum Vehicles for Last Mile Connectivity to Small Lanes Congested Areas of Villages, Manimajra, etc.	2.12
25	Operation and Maintenance of Battery Operated Cart, 10 Nos for Movement of Elderly and Disabled in Sec 17	0.61
26	Procurement of Garbage Hopper Tippers for Door to Door collection 3.2 5.0 cum Vehicles	29.66
27	Furnishing of Chandigarh Smart City Building	6.76
28	Augmentation Enhancement of Raw Water and Clear Water storage capacity at Sector-39 Water works, Chandigarh	34.94
29	Rehabilitation Upgradation of Existing Sewage Treatment Plant On Design, Build and Operate Basis, 1 Year DLP Plus 15 Years O and M, at Diggian, Sector 66, Chandigarh Under Smart City Project	454.21
30	Rehabilitation Upgradation of Existing Sewage Treatment Plant On Design, Build and Operate Basis, 1 Year DLP Plus 15 Years O and M, AtRaipur Kalan and Raipur Khurd, Chandigarh Under Smart City Project	159.14
31	Rehabilitation Upgradation of Existing Sewage Treatment Plants Based On SBR Technology By Adding Additional Units On Design, Build and Operate Basis, 1 Year DLP Plus 15 Years O and M, At 3 BRD and Dhanas, Chandigarh Under Smart City Project	125.56
32	Additional Work for Development of Basic Infrastructure in Smart Schools	1.11
33	Additional Work for Implementation of Smart School in Government Schools in ABD Area and Operation and Maintenance of the Completesystem for a period of Five Years Under Smart City Mission	1.05
34	Construction of Approach Road to Material Recovery Facility-cum-garbage Transfer Station at 3BRD STP	0.90
	TOTAL	1474.71

Information provided by Chandigarh Smart City Limited

Ongoing Projects

S. No.	Project Name	Total Cost (in ₹ crore)	Physical Progress (%)
1	24 X 7 Water Supply- Chandigarh	60.77	5
2	Incinerator for Animal Carcass	1.82	0
	Total	62.59	

Information provided by Chandigarh Smart City Limited

Reply to part (a) of Lok Sabha Unstarred Question No. 2768 for answer 12.12.2024 regarding Drinking Water Supply under Chandigarh Smart City Mission**Major outcomes of Chandigarh Smart City Projects**

Sr. No.	Outcome Indicator	Value
1	Number of services operationalized through ICCCs	16
2	Traffic violations reported through ICCC till November 2024	49.30 Lakhs
3	Traffic Challans issued through ICCC till November 2024	18.93 Lakhs
4	Assistance in criminal cases through CCTV surveillance till November 2024	1,542
5	Number of civic services made available through digital platforms/mobile applications	15
6	Total application processed through e-Governance - Online Building Plan Approval System (OBPAS)	3,843
7	Revenue generated from e-Governance - OBPAS	Rs. 40.54 Crore
8	Number of students benefiting from education facilities built or refurbished, annually	4,808
9	People benefitted by using e-Carts in ABD Area	4.67 Lakh persons

Information provided by Chandigarh Smart City Limited

Annexure - III

Reply to part (d) of Lok Sabha Unstarred Question No. 2768 for answer 12.12.2024 regarding Drinking Water Supply under Chandigarh Smart City Mission

Detail of Budgetary Allocation and Expenditure on Water Supply Project Manimajra, Chandigarh as on 03.12.2024

(In ₹ crore)

Sr. No.	Project Name	Proposed in Smart City Proposal (SCP)	Capex by CSCL	Opex by MCC for 15 years	Budgetary Allocation	Expenditure till date Capex
1	Work for 24*7 Water supply pilot project under SCM in Manimajra Chandigarh consist of retrofitting of existing network, laying of new network including civil, Electromechanical, smart metering SCADA on EPC mode	166.06	74.76	91.30	74.76	57.90

Information provided by Chandigarh Smart City Limited