

# One City – One-Operator

February 9, 2021

**In News:** Mathura sewage project is India's 1<sup>st</sup> Integrated Sewage Infrastructure project based on One City – One-Operator concept.

## About One City – One-Operator

- This project integrates building of new STPs (sewage treatment plant) & maintenance of existing infrastructure under one operator for entire city.
- In this project treated sewage water will be reused by IOCL.
- Tripartite Concession Agreement was signed b/w National Mission for Clean Ganga (NMCG), UP Jal Nigam & Triveni Engineering & Industries Ltd. to develop Integrated Sewage Infrastructure for Mathura on Hybrid Annuity-based PPP mode.

## Tripartite Concession Agreement for Sewage Infrastructure

- Union Minister for Water Resources, River Development & Ganga Rejuvenation, Shipping, Road Transport & Highways Nitin Gadkari, presided over signing of agreement.
- Agreement was signed b/w NMCG & Indian Oil Corporation Limited (IOCL) for reuse of 2 cr. litres per day of treated sewage water by IOCL's refinery in Mathura.
- Mathura sewage project is India's 1<sup>st</sup> Integrated Sewage Infrastructure project based on One City – One-Operator concept. This project integrates building of new STPs (sewage treatment plant) & maintenance of existing infrastructure under one operator for entire city.
- In this project treated sewage water will be reused by IOCL. This project is based on Hybrid Annuity Mode, 3<sup>rd</sup> of this type in this sector after HAM based STPs that are being developed in Haridwar & Varanasi.
- Components of this project comprise construction,

operation, & maintenance of 30 MLD STP in Masani. Work regarding this is offered to Triveni Engineering & Industries Ltd. for estimated cost of Rs. 437.95 cr. on Hybrid Annuity Mode.

- Project involves development & rehabilitation of Masani Sewerage Infrastructure, upgradation & rehabilitation of existing Masani STP w/capacity of 6.8 MLD, upgradation & rehabilitation of 2 existing STPs (14.5 MLD & 16 MLD) in Trans-Yamuna region of Mathura, creating total sewage treatment capacity of 67.3 MLD.
- 20 MLD Tertiary Treatment Plant (TTP) will be established for supply of treated wastewater to Mathura refinery of IOCL.
- Cost for development & operation of TTP for 15 years is Rs. 162.38 cr.
- IOCL will fund the entire operations & maintenance cost of TTP which will be nearly Rs. 82.38 cr. for 15 years.
- IOCL will pay Rs. 8.70 per kilo litre for partial capital cost for development of TTP. This will save 2 cr. litres per day in Yamuna river, which was earlier utilised by IOCL.
- This will encourage recycle & reuse of treated wastewater in India.