

## Stake holders in Yamuna River Cleaning at Delhi

There are several stake holders who have direct responsibility and have been assigned specific functions under the law or as directed by the Supreme Court or the National Green Tribunal. They are:

- Delhi Jal Board: has responsibility under the Delhi Water Board for providing sewage network to the city, running the sewage treatment plants efficiently, preventing pollution in the drains and ensuring that all sewage is captured and reaches the plants, gets treated and recycled for horticultural and other non-potable uses.
- Irrigation & Flood Control Department: is responsible for maintaining natural storm water drains, de-silting of drains, undertaking plantation along the banks of major drains and maintaining regulatory control on drains out-falling into the river Yamuna.
- Delhi Municipal Corporations and the PWD: Delhi Municipal Corporations and the PWD have responsibility for effective solid waste management and for preventing solid waste of any kind being dumped into smaller and bigger drains under their jurisdiction. Not only sewage but solid waste, plastic non- degradable waste and even animal carcasses are thrown into the drains. All such drains eventually go into larger drains which flow into the river or empty directly into the river. Overseeing and arranging for regular de-silting of drains and ensuring that solid waste is disposed of in accordance with Solid Waste Management Rules 2016, the DMC Act and the Bye Laws of 2018 under SWM Rules, being the statutory responsibility of MCDs.
- Deputy Commissioners/ DMs: of Delhi Districts should be using their authority as the designated District Environment Protection Officers under the Environment (Protection) Act 1986 and as to prevent pollution and take action as per law.
- Commissioner Industries and DSIIDC: have powers under the Delhi Common Effluent Treatment Plant Act of 2000 and Rules of 2001 to prevent untreated industrial effluent and other waste from industries going into drains/sewer network.
- DDA: Responsible for demarcation and protection of floodplains and rejuvenation through creation of wetlands, water bodies and planting riparian vegetation and removal of encroachment from the flood plains.
- Upper River Yamuna Board: To ensure adequate release of fresh water flow downstream of Hathankund Barrage.

- Ministry of Water Resources, River Development & Ganga Rejuvenation and National Mission for Clean Ganga (NMCG): To ensure minimum E-flows for maintenance of water quality, effective abatement of pollution and rejuvenation of river Ganga of which river Yamuna is a tributary. Promote environmentally sustainable development in the river basin and flood plains with the objective of revival of river Ganga and its tributaries.
- UP State: To prevent untreated sewage from Indirapuri, Loni and Sahibabad and its adjoining areas polluting the Shahdara drain and the river at downstream of Okhla. Also to see that the flood plains of the Yamuna on the UP side are protected against encroachment and rejuvenated as advised by experts.
- Haryana State: To prevent untreated sewage and industrial effluent being discharged from Leg 1, Leg 2 and the Badshahpur drain in Gurgaon, which are flowing into Najafgarh Drain; release of adequate fresh water (10 cumecs) as per the Supreme Court order at Hathanikund. Also, ensuring that the sewage and industrial effluent from cities, namely, Yamuna Nagar, Panipat, Karnal, Sonapat, Kundali upstream of Wazirabad do not reach river Yamuna untreated.
- CPCB: Monitor quality of water in river Yamuna through adequate number of water quality monitoring stations, measuring quantity and quality of waste water flowing through different drains joining river Yamuna, monitor the STPs and CETPs ETPs for quality standards of treated waste water /industrial effluent both through online monitoring system and physical monitoring and to undertake any study or survey incidental to rejuvenation of river Yamuna.
- DPCC: Monitor quality of water in river Yamuna through adequate number of water quality monitoring stations, measuring quantity and quality of waste water flowing through different drains joining river Yamuna, monitor the STPs and CETPs for quality standards of treated waste water/industrial effluent and to undertake any study or survey incidental to rejuvenation of river Yamuna.