

WATER SUPPLY & SANITATION

Centrally Sponsored Scheme of National River Conservation Plan (NRCP)

Annual Plan Outlay 2014-15: ₹ 6213 Lakh

The National River Conservation Directorate (NRCD) in the Ministry of Environment, Forests and Climate Change is implementing the Centrally Sponsored Schemes of National River Conservation Plan (NRCP) and National Plan for Conservation of Aquatic Eco-systems (NPCA) for conservation of rivers, lakes and wetlands in the country. The objective of the River Action Plans is to improve water quality of rivers through implementation of pollution abatement schemes in identified polluted stretches of rivers. NPCA aims at conserving aquatic ecosystems (lakes and wetlands) through implementation of sustainable conservation plans, and governed with application of uniform policy and guidelines.

The Centrally sponsored Scheme of National River Conservation Plan (NRCP) is being implemented by the central Government jointly with the State Government on a cost-sharing basis. The pollution abatement works under NRCP presently cover identified polluted stretches of 39 major rivers in 185 towns spread over 20 States in the country. The sanctioned cost of the projects under NRCP is ₹ 8100.48 crore (including ₹ 433 crore incurred under GAP-I). The sewage treatment capacity of 4417 mld has been created under River Action Plans.

Pollution Abatement Works So far:

The following pollution abatement works are taken up:

Interception and Diversion works to capture the raw sewage flowing into the river through open drains and divert them for treatment. (I&D)

- i) Sewage Treatment Plants for treating the diverted sewage. (STP)
- ii) Low Cost Sanitation works to prevent open defecation on river banks. (LCS)
- iii) Electric Crematoria and Improved Wood Crematoria and Improved Wood Crematoria to conserve the use of wood and help in ensuring proper cremation of bodies brought to the burning ghats. (EC&IWC)
- iv) River Front Development works such as improvement of bathing ghats etc. (RED)
- v) Other Measures like plantation, public awareness etc.

Funding Pattern for NRCP

The funding pattern for the river cleaning programme has undergone several changes over the years. The GAP Phase I which started in 1985 was a 100% Centrally Sponsored scheme. The funding pattern has changed to 50:50 between the Central Government and the State Governments in 1993. This was revised again to 100% GOI funding w.e.f. 01.04.1997. The funding pattern is 70:30 between Centre and States with

effect from 01.04.2001. The Yamuna Action Plan is being implemented with a funding pattern of 85:15 between the Central Government and the State Governments.

To supplement efforts of State Governments in abatement of pollution of river Yamuna, Yamuna Action Plan (YAP) was launched by the Government of India with financial assistance from Japan International Cooperation Agency (JICA) in a phased manner as well as from internal resources. The first phase of YAP which was started in April, 1993 in the three States of UP, Delhi & Haryana covering 21 towns was completed in February, 2003 at a cost of ₹ 703.10 crore and 38 sewage treatment plants with treatment capacity of 753.25 mld, (of which 401.25 mld in U.P., 322 mld in Haryana and 30 mld in Delhi) were created. YAP Phase-II was started in 2003 also with JICA assistance. An expenditure of ₹ 811.31 crore has been incurred in three States of Delhi, Haryana and Uttar Pradesh under this phase. New sewage treatment capacity of 189 mld (Delhi 135 mld and Uttar Pradesh 54 mld) was created and rehabilitation of 328 mld existing STP capacity at Delhi was done under this phase.

The Central Government has approved Phase-III of YAP at a total cost of ₹ 1656 crore for Delhi with loan assistance from JICA. The project cost will be shared between the Govt of India and the Government of NCT of Delhi on 85:15 basis. The share of GoI in the project will be ₹ 1407.6 crore and that of Govt of NCT of Delhi will be ₹ 248.40 crore. Loan agreement with JICA has already been signed. The project is scheduled for completion by December, 2018.

The proposed works under the project are :

- a) Rehabilitation/modernization of STPs, total 814 mld capacity at Okhla, Kondli and Rithala in Delhi
- b) Setting up of tertiary treatment facilities at the above STPs
- c) Construction of a new state of art STP in place of old STP of 136 mld capacity at Okhla.
- d) Rehabilitation of sewer lines/rising mains in the two catchments of Kondli and Rithala
- e) Public Outreach Activities.

The project is being implemented by DJB under the supervision of the Department of Urban Development, Government of NCT of Delhi. Project Management Consultant (PMC) has been appointed by DJB to assist in project implementation. DPR, for 6 components of the project have been submitted by DJB, which are various stage of appraised by in depended appraisal agency (IIT, Delhi& IIT, Roorkee)/ under processing in the Ministry for sanction.