

# **Chapter- 2**

## **Description of Project**

## Chapter 2: Description of Project

Project is rejuvenation of Dravyavati River originating from Nahargarh hills to end point. Dravyavati River was the active river of Jaipur which, over the time turned into a Nallah (Amanisha Nallah) due to rapid urbanization & industrialization on both side of the river. This rejuvenation project is based on the concept of watershed rehabilitation, flood prevention, pollution treatment & ecology landscape. Through comprehensive measures, the aim would be to gradually recover the green views on both sides of the river & building up its aquatic ecosystem. This will help in restoring Jaipur 's historic river as the resting corridor for the public facilitating a "harmonious relationship between the citizens of Jaipur & nature". While flowing, the nallah collects storm and waste water from Naharika Nallah & Ambabari. Some portions of the walled city & newly developed areas of Jaipur discharge storm & waste water through "Ganda Nallah" & Sanganer town into the Amanisha Nallah. Further, it collects storm & waste water from Jawahar Nallah after flowing for about 35 Km & ultimately discharges into Dhund River.

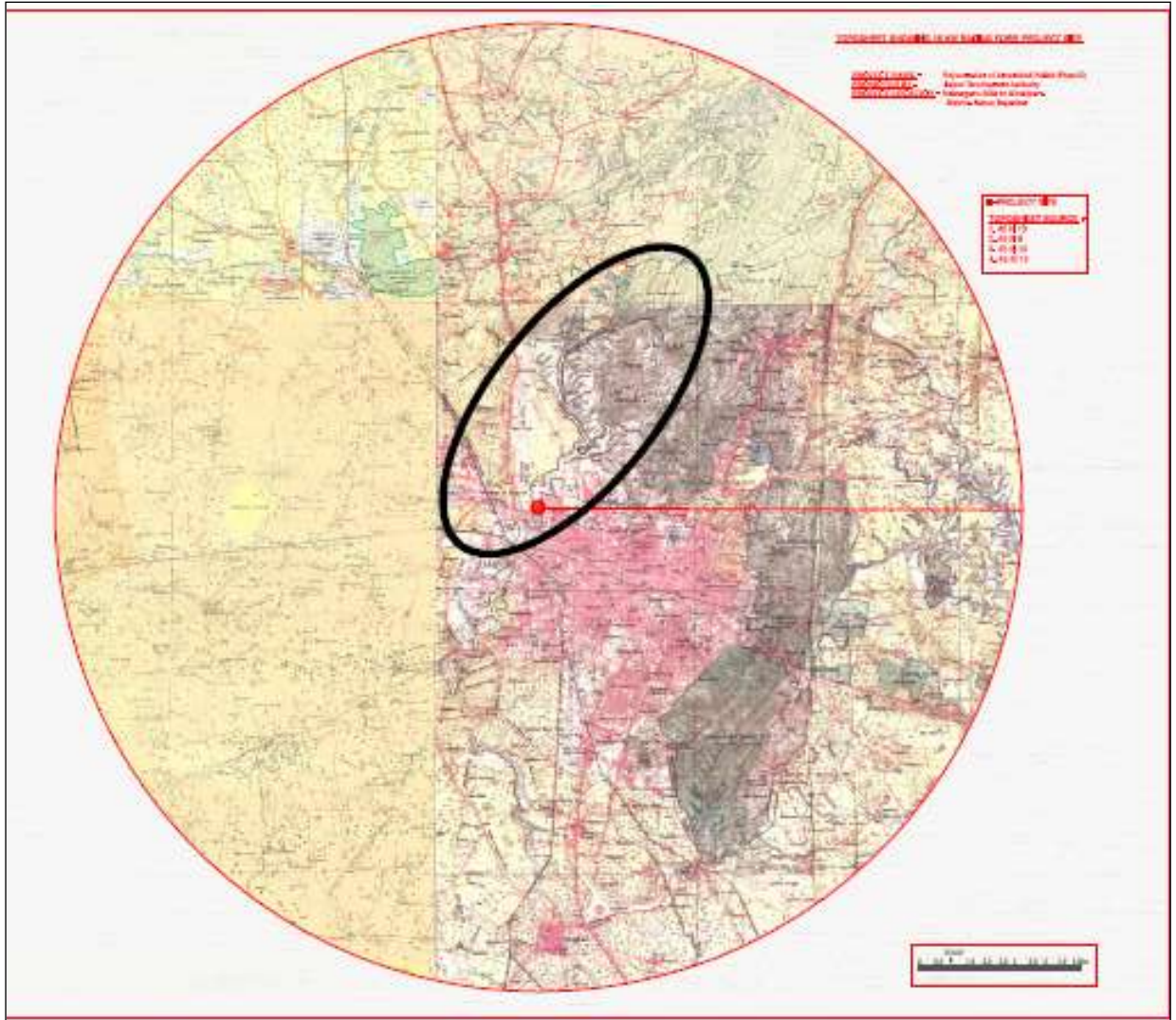
Proponent has been assigned to prepare a project to rejuvenate this river & get it freed from encroachment. Total length of Nallah is 47.50 Km. to make the task convenient proponent divided the work in two phases. Phase I covers length 34.84 Km (299.1 Ha) of the total area of the Amanisha Nallah, for which the Environment Clearance with vide letter no. F1(4)/SEIAA/SEAC/Raj./Sectt/Project/Cat. 8(b)(13203)/16 dated 1 july 2016 has been obtained. **Phase II has total stretch of 12.66 Km (83.55 Ha) which begins from the Nahargarh Hills 0.0 Km to Khatipura at 12.66 Km.** Nahargarh Wildlife Sanctuary falls under the Phase II project, the total area of NWS which falls in phase II is 38.25 Ha, for which permission to work has been obtained from **National Board for Wide Life (NBWL) through 41st meeting minutes vide letter No. F. No. 6-13/2017WL dated 28<sup>th</sup> March 2017 listed on number 41.4.3.3. (Annexure-VI)** A project report has been prepared for rejuvenating this river at total estimated cost of Rs. 1490.85 crore. (Phase I + Phase II). The project is categorized under 8 (b) as per Gazette notifications dated September 14 th , 2006 & its subsequent amendment.

The need and importance of the project is due to severe encroachment, this river has become major threat to property and human life as many activities habitation, commercial and agricultural were happening in flood plain zone. To safeguard this it was felt necessary by the government to get flood plains of this river freed from encroachments and develop the entire area in a way that future encroachment will not take place & to make the river section capable of safely passing the hundred year flood.

**2.1 THE SALIENT FEATURES OF THE PROJECT ARE:-**

- ◆ To develop the Amanisha Nallaha as a center of attraction & as an important natural Asset for the Jaipur city
- ◆ To stop any raw sewage or industrial effluent entering the natural available stream.
- ◆ To treat raw sewage flowing into the river before permitting it into fall into the river.
- ◆ To use the treated sewage to rejuvenate the flow into the existing Nallah.
- ◆ To ensure perennial water flow in the Nallah.
- ◆ To restore to some extent water recharging capabilities of erstwhile Dravyavati river.
- ◆ To ensure a better flood Management & flood risk reduction for the nearby commercial habitable areas.
- ◆ To develop land parcels within or adjoining areas of the Nallah for public use. To make newly developed area a safe & secure place to be used for by common public without any reservations. Development of land Parcels for commercial infrastructure.

Topographical Map Showing Project Site



**Description of Project:**

<b>S. No.</b>	<b>Parameters</b>	<b>Description</b>
<b>1.</b>	<b>Promoter</b>	Jaipur Development Authority, Jaipur
<b>2.</b>	<b>Plant Area</b>	Total length: 12.66 Km (83.55 Ha) (Phase II) Total Catchment area: about 34 square Km
<b>3.</b>	<b>Source of Water</b>	PHED Water Supply
<b>4.</b>	<b>Treatment Facility</b>	1 STP of 15 MLD (SBR) capacity is installed in project area. Total capacity of STPs is 170 MLD (based on SBR Tech), the number of STPs will be 8 in numbers. <b>(Phase I &amp; II)</b>
<b>5.</b>	<b>Power Supply</b>	Power requirement will be round 250 KW during construction phase and will be around 3000 KW during post construction phase, Power will be met through JVVNL Supply
<b>6.</b>	<b>Area of Green Belt</b>	65000 sq m land will be improved by providing landscaping works <b>(Phase I &amp; II)</b>
<b>7.</b>	<b>Project Cost</b>	Rs. 1490.85 Cr. <b>(Phase I &amp; II)</b>

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