

South East Route (IMT Manesar)

The old water channels to Sultanpur Lake from the hills in the south have been blocked by IMT Manesar and the KMP Expressway, We can still try and create a water passage to the lake by using the green belt along the KMP Expressway in a sustainable system of Gabion based channels that allow water passage as well as natural seepage along the paths selected.

The distance to the lake from IMT Manesar is approximately 14 KM, the actual distance will be determined after the concept plan is made and alternate routes marked out.



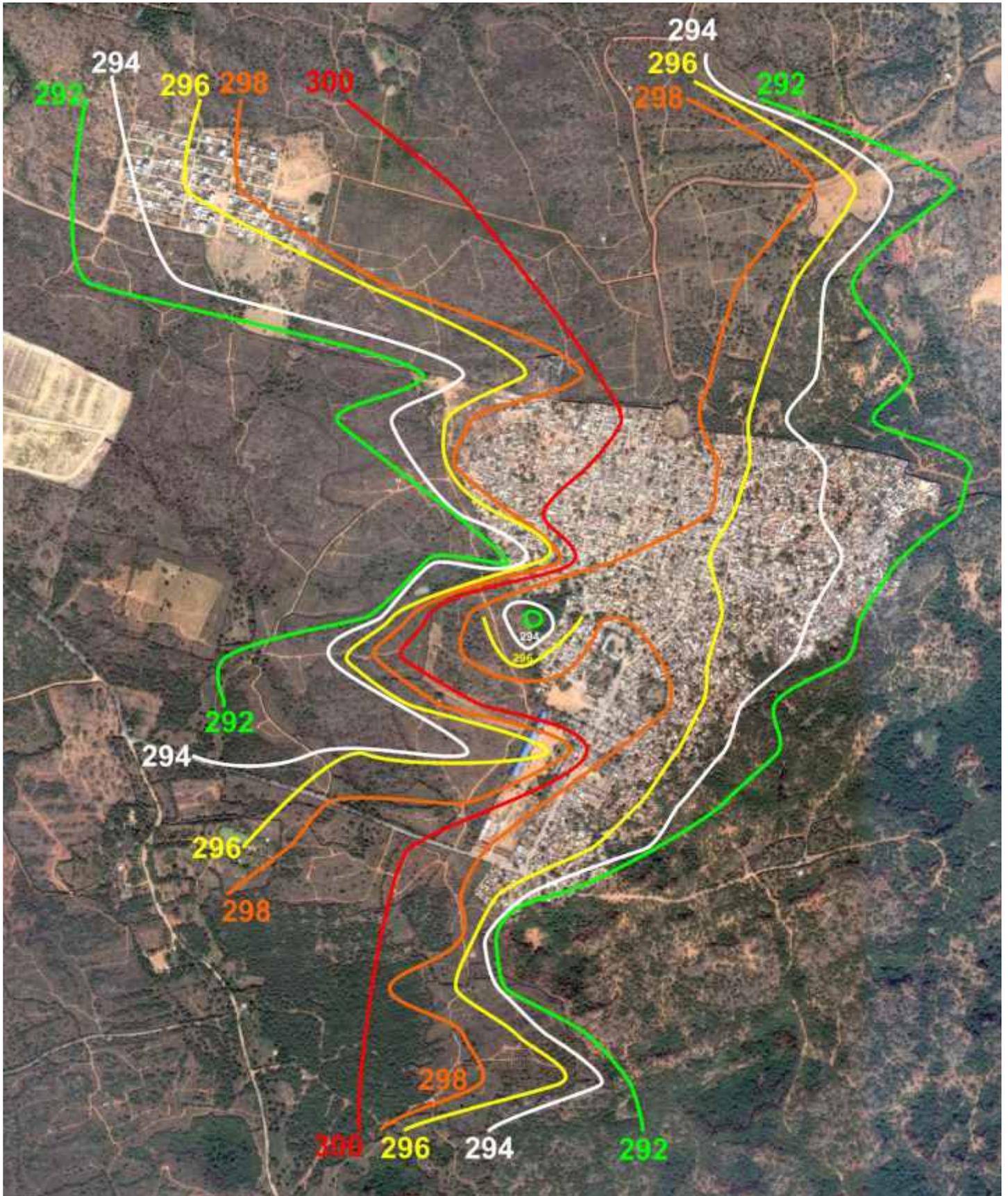
The Concept execution plan can be divided into 4 strategic areas,

- 1- the forest and hill area south of the Maruti factory.
- 2- the area along the KMP till the rail line
- 3- from the rail line till the Farrukhnagar Wazirpur road
- 4- the area around sultanpur lake

These areas need to be mapped for elevation to determine water flow direction and sites for water harvesting along the route. We also need to study the social impact of this route and examine the number of people whose land will be affected.

After the preliminary mapping we can be more accurate on the appropriate route for the link up to Sultanpur lake.

Example projects



This is a study done by us on Bhagirat Nagar in the Bhatti Mines area, for a women's group called Jasma Sanghatan. They wanted to go to the Supreme court to get an order to get their illegal colony scientifically developed, keeping the social and environmental impact in mind. This has been presented to the Delhi Govt. and will soon be filed in the appropriate court to get properly planned water recycling and harvesting systems installed.

Example projects

Historical comparison of Major lakes in the Gurgaon region

2005

DAMADAMA LAKE

2015



2003

DHAUJ LAKE

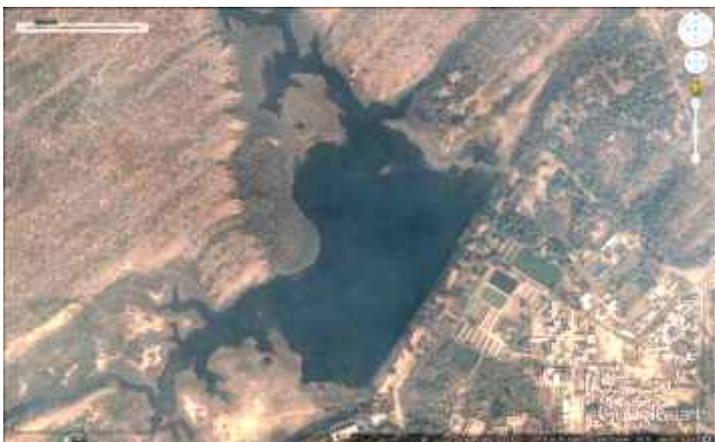
2015



2003

SURAJKUND LAKE

2014



Example projects

This is an on-going project to map out the water routes leading to Surajkund lake in Faridabad. The object is to revive these channels and bring back the water to this famous lake that has dried out completely.



Example projects

This is a study done on the Yamuna River in Delhi. Selected points were studied in yearly gaps to determine course changes and the areas in danger of flooding near the river.

