

Greater Karachi Bulk Water Supply Scheme Phase-V, Stage II, 2nd 100 MGD, K-III Project (Contract WN-14: Syphon 19 Link Pipeline 84” dia PRCC)

Background of Work

The Project is the part and parcel of K-III Scheme to provide an additional 100MGD water to the city of Karachi. President of Pakistan inaugurated the K-III scheme by laying of foundation stone of this Work as a component of K-III Scheme.



Scope of Work

- ✚ To replace the existing 84” dia Syphon which was commissioned in 1960 had attained its due design life and to maintain the supply of 42 million gallon per day supply of potable water. New Syphon laid parallel to the existing Syphon alignment.
- ✚ Shifting of 36” dia PRCC pipeline and 48” dia butterfly valve falling on the alignment of the proposed Syphon, crossings of High Pressure Gas Lines, making of new RCC Transition chambers, underwater special works for repairing of existing leaked chambers and making connections to commission the Syphon.

✚ Excavation	31400.00	Cu.m
✚ Laying of 84” Dia RCC Pipes	1264.00	RM
✚ Laying of 36” Dia RCC Pipes	290.00	RM
✚ Steel Reinforcement	35	Tons
✚ Granular fill bedding materials	4224.00	Cu.m



Client

Karachi Water & Sewerage Board,
Karachi.

Consultant

Techno Consult International

Location

Karachi University of Karachi

Cost of Works

18.064 Million

PRCC pipes 84" dia and 36" dia and
rubber washers provided by the Employer free of cost.

Year of Completion

September 18th, 2004

