

## Introduction to Bahiyal Direct Distributary Canal offtaking at CH.206.100 KMS of NMC

<b>1</b>	Name of Distry. Canal	:	<b>Bahiyal Direct Distributary</b>
<b>2</b>	Off taking chainage from NMC ( Km.)	:	206.100 Kms.
<b>3</b>	Type of Canal	:	Ridge Canal
<b>4</b>	Length of Direct Distry. (Km.)	:	0.50 Km.
<b>5</b>	F.S.L. of Main Canal (mt.)	:	68.27 mt.
<b>6</b>	F.S.L. of Direct Distry (mt.)	:	
	Off taking Point (mt)	:	66.81 mt.
	Tail Point (mt)	:	66.61 mt.

This 0.50 km long canal passes through Dehgam taluka of Gandhinagar. It emanates from Narmada Main Canal at ch. 206.10kms near Bahiyal village (RL 66.81m ) and runs upto tail near Bahiyal village (RL66.61 m).

There are Wheat, Paddy, Castor, Cotton, Bajari, Juwar crops generally being sown in the command area of this canal. The soil in the command area is of Sandy-loam type of soil. It serves 2000 Ha. of CCA in the total command area of 2203 GCA. The general slope in the canal reach is gradual. There is no fall structure constructed on the canal.

The canal was constructed between 2001 to 2005 at a total cost of Rs 15.97 lakhs. It is capable of running discharge at head 1.48 cumecs (52.26cusecs) and at tail 0.170 cumecs (6.01 cusecs).

There are no bridges, nalla or river crossings located on the canal for passing through the region.

### Bahiyal Distributary (Direct Offtake)

Canal Name	Canal Classification	Offtaking Chainage (km)	Total Length (km)	Completed Length (km)	Water Flown Length (km)	Ongoing work Length (km)	Yet to take up Length (km)	Total Sub Minors		Completed SM		SM to Takeup	
								Nos	CCA (Ha)	Nos	CCA (Ha)	Nos	CCA (Ha)
<b>Bahiyal</b>	<b>Distributary</b>	<b>206.1</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>	<b>0</b>	<b>0</b>	<b>43</b>	<b>2000</b>	<b>42</b>	<b>1936.8</b>	<b>1</b>	<b>63.2</b>
Bahiyal-2 Minor	Minor (Open)	0.02	0.71	0.71	0.71	0	0	2	59	2	59	0	0
Ghamij Minor	Minor (Open)	0.155	5.81	5.81	5.81	0	0	17	823	17	823	0	0
Bardoli-Kothi Minor	Minor (Open)	0.55	2.25	2.25	2.25	0	0	5	240.21	5	240.21	0	0
Kodrالی Minor	Minor (Open)	0.55	7.19	7.19	7.19	0	0	19	877.79	18	814.59	1	63.2