



Office of the Senior Chemist
Public Health Engineering Department, Rajasthan
Regional Laboratory, Bikaner

Report of the Chemical Examination of Water

No. Lab. Tech. Chem. 2016-17/ 1595

Date 01/01/2017

To
Manish Singh Bhati,
Manish Singh Bhati,
Opposite RiCCO Industrial Area Khara.

District BIKANER
Block DISANCR

Sample Taken : Manish Singh Bhati

Reference No. : 0, Dated : 17/01/2017
Date of Receipt : 17/01/2017

Source	Permissible Value as per IS : 10500/1991		TW	Tank
Location			Tube Well No 1	Storage Tank (Canal)
Other Habitats	Desirable Limit	Permissible Limit in absence of alternate Source	KHARA	KHARA
Village/Town			KHARA	KHARA
Gram Panchayat			KHARA	KHARA
Date of Collection			17/01/2017	17/01/2017
Date of Examination			23/01/2017	23/01/2017
Sample No.			1517	1518

Note:- All results except pH are in mg/L

pH	6.5 to 8.5	No relaxation	7.6	8.0
Turbidity (NTU)	5	10	Clear	Clear
Colour	5	25	Colourless	Colourless
Odour	Agreeable	Agreeable	Smell less	Smell less
Temperature	—	—	25	25
Total Alkalinity	200	600	220	120
Total Hardness (as CaCO ₃)	300	600	2860	140
Calcium Hardness (as CaCO ₃)	75	200	1380	70
Magnesium Hardness (as CaCO ₃)	30	150	1580	70
Chloride (Cl)	250	1000	4890	40
Sulphate (as SO ₄)	200	400	900	20
Nitrate (as NO ₃)	45	45	40	4
Fluoride	1.0	1.5	1.16	0.31
Total Dissolved Solids	500	2000	9730	203
Iron	0.3	1.0	—	—
Residual Chlorine	0.2	1.0	—	—

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