



H.P. STATE POLLUTION CONTROL BOARD
"HIM PARIVESH" PHASE-III, NEW SHIMLA-171 009
Phone: 0177 2673766, 2673274 Fax: 0177 2673018



ASSESSMENT REPORT ON IDOL IMMERSION

The practice of idol immersion in water bodies of the State is either nil or practiced at a very small scale. The water quality assessment of water body during Ganesh Chaturthi in district Kangra was assessed on Baner Khad U/s at Chamunda Temple and Baner Khad D/s Chamunda Temple pre-immersion and during immersion period in the month of September 2020 & 2021. For ascertaining water quality, Physico-chemical parameters such as pH, DO, BOD, COD, Conductivity, Turbidity, TDS, Total Solids and Metals (Chromium, Lead, Zinc and Copper) were analysed in the samples. The results of the water quality was found within the prescribed standards adhering to ISO 10500:2012 & the Central Pollution Control Board water quality criteria and ENVIS standards. The analysis results of water quality are annexed at Annexure-A.

M L Y, 14/09/20
Pr. Scientific Officer
HPSPCB, HQ, Shimla

ANNEXURE-A




HIMACHAL PRADESH STATE POLLUTION CONTROL BOARD
HIM PARIVESH, PHASE-III, BELOW BCS, NEW SHIMLA-9
PHONE NO.- 0177-2373766, 2673276 FAX-2673018

Sr. No.	Location of Sample	Date	Temp. °C	pH	Cond. uS	DO mg/l	TDS mg/l	TSS mg/l	COD mg/l	BOD mg/l	TC MPN/100 ml	FC MPN/100 ml	NO ₃ -N mg/l	NH ₃ -N mg/l	T. Alkalinity mg/l	P. Alkalinity mg/l	Total Chromium mg/l
1	River Banner U/s Chamunda Temple	04.09.2020	18	8.02	109.0	8.3	70.0	8.0	2.0	0.1	33	2	0.21	BDL	70.0	BDL	-
2	River Banner D/s Chamunda Temple	04.09.2020	18	7.96	94.0	8.7	58.0	5.0	1.0	0.1	26	2	0.16	BDL	16.0	BDL	-
3	River Banner U/s Chamunda Temple	01.09.2021	18	7.54	111.0	9.2	78.0	BDL	BDL	BDL	24	2	BDL	BDL	70.0	BDL	-
4	River Banner D/s Chamunda Temple	01.09.2021	17	7.65	135.0	9.0	93.0	BDL	BDL	BDL	27	2	BDL	BDL	75.0	BDL	-
5	River Banner U/s Chamunda Temple	18.09.2021	-	7.11	107.0	-	75.0	1.0	1.0	0.1	25	2	-	-	50.0	-	0.074
6	River Banner D/s Chamunda Temple	18.09.2022	-	7.18	112.0	-	81.0	1.0	1.0	0.1	31	2	-	-	55.0	-	0.060

BDL- Below Detection Limit

ND-Not Detected

ANNEXURE-A

			HIMACHAL PRADESH STATE POLLUTION CONTROL BOARD HIM PARIVESH, PHASE-III, BELOW BCS, NEW SHIMLA-9 PHONE NO.- 0177-2373766, 2673276 FAX-2673018																
Turbidity NTU	Manganese mg/l	Total Iron mg/l	Total Hardness mg/l	Ca Co3 mg/l	MgCo3 mg/l	F- mg/l	Boron mg/l	Chloride mg/l	Sulphate mg/l	PO-4 mg/l	Na ⁺ mg/l	K ⁺ mg/l	Ca ⁺⁺ mg/l	Mg ⁺ mg/l	Copper mg/l	Nickel mg/l	Zinc mg/l	Lead mg/l	Cadmium mg/l
BDL	-	-	42	26	16	0.13	BDL	12.78	5.21	BDL	8.79	0.34	10.43	3.9	-	-	-	-	-
BDL	-	-	38	24	14	0.07	BDL	11.36	4.14	BDL	8.92	0.58	9.62	3.42	-	-	-	-	-
BDL	-	-	60	34	26	BDL	BDL	12.78	11.48	BDL	BDL	BDL	13.63	6.34	-	-	-	-	-
BDL	-	-	66	36	30	BDL	BDL	14.20	12.95	BDL	BDL	BDL	14.44	7.32	-	-	-	-	-
Nil	BDL	0.12	54	-	-	-	-	5.68	-	-	-	-	-	-	BDL	BDL	ND	BDL	BDL
Nil	BDL	0.15	58	-	-	-	-	7.10	-	-	-	-	-	-	BDL	0.025	ND	BDL	BDL

BDL-Below Detection limit

ND-Not Detected