

Result 4		Water quality in the project areas is improved																						
Indicator 4.1	Water quality in water bodies canals, etc.)	Name of Water body	Levels																			Physical Charact		
	Source:Report on Ecocity Development Plan, Vrindavan, by IIT Kharagpur		pH	BOD	DO(mg/l t)	FC	SS	Bacteria Count CFU/ml	T.D.S.(g m/lt)	Sodium (ppm)	Ammoni um(ppm)	Potassiu m(ppm)	Magnesi um (ppm)	Calcium (ppm)	Flouride (ppm)	Chloride (ppm)	Nitrite (ppm)	Bromide (ppm)	Nitrate (ppm)	Phospha te (ppm)	Sulphate (ppm)	Fe (ppm)	Colour	Odour
		Pyao Water,from Banke Bihari Temple	6.95		8.1			Absent	1.2	27.91	0.04	0.25	321.67	333.98	0.99	387.09	11.53	0.13	57.11	0.54	220.96	0.377	Colourless	Odourless
		Yamuna Water near Kesi Ghat (near ferry)	7.32		8.2			733	1.1	997.71	134	99	151.2	356.04	0.72	319.03	1.97	0.35	2.8	9.93	84.69	0.248	Yellowish	Odourless
		River Yamuna near Kesi Ghat	6.85		7.7			66	1.3	115.14	166.2	158.63	12.69	401.43	0.76	370.64	10.96	0.35	1.62	11.77	116.31	0.32	Yellowish	Odourless
		Ranganathji Temple,Public pyao	7.17		7.4			Absent	0.80	787.27	-	49.58	233.7	45.75	0.8	187.14	5.81	0.05	19.07	0.11	81.73	0.497	Colourless	Odourless
Indicator 4.2	Water quality of storm water run-off	Location/ Stretch ID	Levels																			Colour	Odour	
			pH	BOD	DO	FC	SS	Bacteria Count CFU/ml	T.D.S.(g m/lt)															
		Data not available																						
Indicator 4.3	Ground water quality	Location/ Stretch ID	Levels																			Colour	Odour	
	Source:Report on Ecocity Development Plan, Vrindavan, by IIT Kharagpur		pH	BOD	DO(mg/l t)	Total Colifor m	SS	Bacteria Count CFU/ml	T.D.S.(g m/lt)	Sodium (ppm)	Ammoni um(ppm)	Potassiu m(ppm)	Magnesi um (ppm)	Calcium (ppm)	Flouride (ppm)	Chloride (ppm)	Nitrite (ppm)	Bromide (ppm)	Nitrate (ppm)	Phospha te (ppm)	Sulphate (ppm)	Fe (ppm)	Colour	Odour
		Hand pump near KesiGhat,groundwater Yamuna	6.3		5			400	0.6	522.07	134	99	151.2	356.04	0.5	116.15	3.41	0.08	1.46	0.01	19.6	0.62	Colourless	Odourless
		Hand Pump, near Chir Ghat	7.09		5.4			Absent	0.49	147.57	-	-	171	159.11	0.65	135.59	4.12	0.09	1.51	0.54	33.03	0.278	Colourless	Odourless
		Shahji Temple, Pyao,Ground water	7.3		6.8			Absent	2	1819.12	-	245.6	593.33	578	4.41	705.61	1.8	108	263.87	-	456.34	0.292	Colourless	Odourless

	Hand Pump,near Brahma Kund , Ground Water	7.47		6.7			1953200	3.2	2427.46	-	66.9	766.13	1346.09	1.08	758.59	-	1.85	437.14	0.434	825.99	0.307	Colourless	Odourless
--	---	------	--	-----	--	--	---------	-----	---------	---	------	--------	---------	------	--------	---	------	--------	-------	--------	-------	------------	-----------

Characteristics							Remarks
Classification							
Taste	Highly polluted	Polluted	Close to standards	Well within standards	Not within Standards		
-					✓	Excessive levels of Chloride, Phosphate, Nitrate, and Calcium	
-					✓	Excessive levels of Ammonium, Chloride, Phosphate, Nitrate, Sodium, Calcium and Potassium	
-					✓	Excessive levels of Chloride, Phosphate, Nitrate, Sodium, and Potassium	
-					✓	Excessive levels of Chloride, Phosphate, Nitrate, Sodium, and Potassium	

Classification				
Taste	Highly polluted	Polluted	Close to standards	Well within standards

Classification						Remarks
Taste	Highly polluted	Polluted	Close to standards	Well within standards	Not within Standards	
-					✓	Excessive levels of Calcium, Sodium, Potassium and Phosphate
-					✓	Except phosphate, it is well within standards
-					✓	Excessive levels of Fluoride, chloride, Nitrate, Sulphate, Sodium, Calcium and Potassium

 **PDF Complete**
Your complimentary use period has ended.
Thank you for using PDF Complete.
[Click Here to upgrade to Unlimited Pages and Extended Features](#)

-	✓				✓	Excessive levels of Nitrate, chloride, Sulphate, Sodium, Calcium and Potassium			
---	---	--	--	--	---	--	--	--	--