

WATER MONITORING REPORT FOR NAMBUL RIVER FOR THE YEAR 2018

STN Code	Sampling Date	Sampling Time	Name Of Monitoring Location	Type Water Body	Name Of Water Body	River Basin	Sub Basin	District	State Name	Monitoring Agency	Frequency of Monitoring	Major Polluting Sources	Visible Effluent Discharge	Weather
2858	18-09-2018	1.45 pm	NAMBUL RIVER AT SAMUSANG (U.K. ROAD), DISTT. IMPHA	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	IMPHAL WEST	MANIPUR	MANIPUR	MONTHLY	Waste Materials Dumping	Effluent Discharge	Clear
2858	26-04-2018	3.37 pm	NAMBUL RIVER AT SAMUSANG (U.K. ROAD), DISTT. IMPHA	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	IMPHAL WEST	MANIPUR	MANIPUR	MONTHLY	Waste Materials	Effluent Discharge	clear
2858	22-10-2018	9.50 am	NAMBUL RIVER AT SAMUSANG (U.K. ROAD), DISTT. IMPHA	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	IMPHAL WEST	MANIPUR	MANIPUR	MONTHLY	Effluent Discharge mainly form RIMS Hospital Quart		Clear
2858	22-12-2018	3:15 PM	NAMBUL RIVER AT SAMUSANG (U.K. ROAD), DISTT. IMPHA	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	IMPHAL WEST	MANIPUR	MANIPUR	MONTHLY	Waste Materials Dumping		Clear
2858	19-05-2018	5.04 pm	NAMBUL RIVER AT SAMUSANG (U.K. ROAD), DISTT. IMPHA	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	IMPHAL WEST	MANIPUR	MANIPUR	MONTHLY	Waste Materials, Dumping etc	Effluent Discharge	Rainy
2858	16-07-2018	4.05 pm	NAMBUL RIVER AT SAMUSANG (U.K. ROAD), DISTT. IMPHA	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	IMPHAL WEST	MANIPUR	MANIPUR	MONTHLY	Effluent from Lamphel side		Cloudy
2858	03-01-2018	4.02 pm	NAMBUL RIVER AT SAMUSANG (U.K. ROAD), DISTT. IMPHA	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	IMPHAL WEST	MANIPUR	MANIPUR	MONTHLY	Human Effluent, Dumping Waste		clear
2858	19-06-2018	4.20 pm	NAMBUL RIVER AT SAMUSANG (U.K. ROAD), DISTT. IMPHA	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	IMPHAL WEST	MANIPUR	MANIPUR	MONTHLY	Waste Water from Lamphel	Effluent Discharge	Clear
2858	26-03-2018	4.30 pm	NAMBUL RIVER AT SAMUSANG (U.K. ROAD), DISTT. IMPHA	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	IMPHAL WEST	MANIPUR	MANIPUR	MONTHLY	RIMS and Human Effluent, Dumping Waste	Nil	Clear
2858	17-11-2018	3.10 pm	NAMBUL RIVER AT SAMUSANG (U.K. ROAD), DISTT. IMPHA	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	IMPHAL WEST	MANIPUR	MANIPUR	MONTHLY	Heavy effluent discharge from Lamphelpat area	Effluent Discharge	Clear
2858	20-08-2018	4.20 pm	NAMBUL RIVER AT SAMUSANG (U.K. ROAD), DISTT. IMPHA	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	IMPHAL WEST	MANIPUR	MANIPUR	MONTHLY	Dumping Waste Materials	Heavy Effluent Discharge	Clear

2860	26-04-2018	4.52 pm	NAMBUL RIVER AT NAOREMTHONG, IMPHAL WEST, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	IMPHAL WEST	MANIPUR	MANIPUR	MONTHLY	Waste Materials	Outpouring discharge	clear
2860	22-10-2018	1.10 pm	NAMBUL RIVER AT NAOREMTHONG, IMPHAL WEST, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	IMPHAL WEST	MANIPUR	MANIPUR	MONTHLY	Effluent Discharge both Side Dumping	Effluent Discharge	Clear
2860	16-07-2018	11.02 am	NAMBUL RIVER AT NAOREMTHONG, IMPHAL WEST, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	IMPHAL WEST	MANIPUR	MANIPUR	MONTHLY	Dumping, Waste	Effluent Discharge	Cloudy
2860	23-02-2018	11.05 am	NAMBUL RIVER AT NAOREMTHONG, IMPHAL WEST, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	IMPHAL WEST	MANIPUR	MANIPUR	MONTHLY	Human Effluent, Dumping Waste	Effluent Discharge	clear
2860	19-05-2018	11.30 am	NAMBUL RIVER AT NAOREMTHONG, IMPHAL WEST, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	IMPHAL WEST	MANIPUR	MANIPUR	MONTHLY	Dump Waste Particles	Effluent Discharge	Cloudy
2860	03-01-2018	10.42 am	NAMBUL RIVER AT NAOREMTHONG, IMPHAL WEST, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	IMPHAL WEST	MANIPUR	MANIPUR	MONTHLY	Sewage, Human - Waste, Dumping-Waste etc.		clear
2860	22-12-2018	3:40 PM	NAMBUL RIVER AT NAOREMTHONG, IMPHAL WEST, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	IMPHAL WEST	MANIPUR	MANIPUR	MONTHLY	Dumping Waste Materials		Clear
2860	19-06-2018	4.30 pm	NAMBUL RIVER AT NAOREMTHONG, IMPHAL WEST, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	IMPHAL WEST	MANIPUR	MANIPUR	MONTHLY	Waste Water, Solid Waste	Effluent Discharge	Clear
2860	26-03-2018	9.10 am	NAMBUL RIVER AT NAOREMTHONG, IMPHAL WEST, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	IMPHAL WEST	MANIPUR	MANIPUR	MONTHLY	Visibility Effluent Discharge, Dumping Waste	Effluent Discharge	Clear
2860	17-11-2018	3.30 pm	NAMBUL RIVER AT NAOREMTHONG, IMPHAL WEST, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	IMPHAL WEST	MANIPUR	MANIPUR	MONTHLY	Domestic Effluent, Dumping Waste	Effluent Discharge	Clear
2860	18-09-2018	10.20 am	NAMBUL RIVER AT NAOREMTHONG, IMPHAL WEST, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	IMPHAL WEST	MANIPUR	MANIPUR	MONTHLY	Dumping Waste Materials	Nil	Clear
1626	26-04-2018	11.48 am	HEIRANGOITHONG, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	Imphal West	MANIPUR	MANIPUR	MONTHLY	Dumping Waste Material	Slightly Smell	clear
1626	23-02-2018	12.40 pm	HEIRANGOITHONG, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	IMPHAL WEST	MANIPUR	MANIPUR	MONTHLY	Plastic and Sewage Effluent	Effluent Discharge River both side	clear

1626	03-01-2018	11.23 am	HEIRANGOITHONG, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	IMPHAL WEST	MANIPUR	MANIPUR	MONTHLY	Human Sewage, Waste, Dumping etc.		clear
1626	16-07-2018	1.58 pm	HEIRANGOITHONG, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	Imphal West	MANIPUR	MANIPUR	MONTHLY	Solid Waste Dumping	Effluent Discharge	Cloudy
1626	22-12-2018	12:20 PM	HEIRANGOITHONG, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	Imphal West	MANIPUR	MANIPUR	MONTHLY	Dumping Waste Materials		Clear
1626	17-11-2018	12.52 pm	HEIRANGOITHONG, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	Imphal West	MANIPUR	MANIPUR	MONTHLY	Dumping Waste Materials	Effluent Discharge	Clear
1626	17-03-2018	2.55 pm	HEIRANGOITHONG, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	Bishnupur	MANIPUR	MANIPUR	MONTHLY	Domestic Effluent, Waste, Boating, Fishing		Clear
1626	19-05-2018	1.30 pm	HEIRANGOITHONG, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	Imphal West	MANIPUR	MANIPUR	MONTHLY	Waste Materials, Dumping etc	Flow discharged	Cloudy
1626	19-06-2018	2.05 pm	HEIRANGOITHONG, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	Imphal West	MANIPUR	MANIPUR	MONTHLY	Waste Water, Solid Waste	Effluent Discharge	Clear
1626	20-08-2018	1.3 pm	HEIRANGOITHONG, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	Imphal West	MANIPUR	MANIPUR	MONTHLY	Waste Materials Dumping		Clear
1626	18-09-2018	2.30 pm	HEIRANGOITHONG, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	Imphal West	MANIPUR	MANIPUR	MONTHLY	Dumping Waste Materials	Discharge from the both side of the river	Clear
1626	20-10-2018	2.01 pm	HEIRANGOITHONG, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	Imphal West	MANIPUR	MANIPUR	MONTHLY	Domestic Effluent, Dumping Waste	Effluent Discharge	Clear
1625	26-04-2018	11.20 am	HUMP BRIDGE, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	Imphal West	MANIPUR	MANIPUR	MONTHLY	Dumping Waste Material	Effluent Discharge	clear
1625	18-09-2018	10:00 AM	HUMP BRIDGE, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	Imphal West	MANIPUR	MANIPUR	MONTHLY	Dumping Waste Materials	Heavy Effluent Discharge	Clear
1625	19-05-2018	1.20 pm	HUMP BRIDGE, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	Imphal West	MANIPUR	MANIPUR	MONTHLY	Dumping, Waste Domestic Effluent	Effluent Discharge	Cloudy

1625	03-01-2018	11.8 am	HUMP BRIDGE, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	IMPHAL WEST	MANIPUR	MANIPUR	MONTHLY	Sewage, Human - Waste, Dumping-Waste etc.		clear
1625	22-12-2018	12:40 PM	HUMP BRIDGE, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	Imphal West	MANIPUR	MANIPUR	MONTHLY	Dumping Waste Materials		Clear
1625	16-07-2018	11.20 am	HUMP BRIDGE, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	Imphal West	MANIPUR	MANIPUR	MONTHLY	Naga Nallah Effluent		Cloudy
1625	17-11-2018	9.55 am	HUMP BRIDGE, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	Imphal West	MANIPUR	MANIPUR	MONTHLY	Dumping Waste Materials	Effluent Discharge	Clear
1625	26-03-2018	10.20 am	HUMP BRIDGE, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	Imphal West	MANIPUR	MANIPUR	MONTHLY	Sewage Effluent, Human Plastic and Dumping Waste P	Human Effluent Discharge	Clear
1625	19-06-2018	12:00 PM	HUMP BRIDGE, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	Imphal West	MANIPUR	MANIPUR	MONTHLY	Waste Water of Naga Nallah	Effluent Discharge	Sunny
1625	20-10-2018	9.50 am	HUMP BRIDGE, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	Imphal West	MANIPUR	MANIPUR	MONTHLY	Solid Waste and Effluent Discharge	Effluent Discharge	Clear
1625	02-08-2018	2.00 pm	HUMP BRIDGE, MANIPUR	RIVER	NAMBUL	MEDIUM AND MINOR	NAMBUL	Imphal West	MANIPUR	MANIPUR	MONTHLY	Dumping Waste Materials	Heavy Effluent Discharge	Clear
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Approx Depth	Human Activities	Floating Matter	Colour	Odour	Flow	Temp	DO	pH	Conductivity	BOD	Nitrate N	Total Coliform	Turbidity	Total Alkalinity	Chlorides	COD	Total Hardness
1.5	.....	Waste Materials	Slightly Black	Unpleasant	Slow	29	3.26	7.1	257.5	5.7	28	165	175	105	25.56	24.1	42
1	Others	Waste Materials	Brown	Unpleasant	Slow	24.9	4.9	7.8	895	1.68		265	117	70	11.36	5.3	44
1.5	Fishing,	Domestic Waste Materials	Blackish	Bad Smell	Slow	27.4	3.24	7.2	239.1	0.8	48	150	102	80	12.78	2.14	63
1.5	.....Others	Domestic Waste Materials	Brown	Unpleasant	Slow	19	4.4	8	298	2.2	40	150	96	150	39.76	27.9	86
1 1/2	.....Others	Waste Materials	Straw	Odourless	Slow	26.8	1.5	7.8	689.5	78.06		300	185	95	12.78	104.8	52
3.5	.....	Waste Materials	Pale Muddy	Bad	Medium	27.5	1.6	6.9	305.1	6.9		175	245	70	21.3	22.6	38
2	.....Wading,	Plastic Materials	Brown	Un - Pleasant	slow	18.1	5.2	6.9	946.5	2.3		315	89	60	12.78	4.3	34
3	....Fishing,....	Nil	Muddy	Bad	Medium	25	13.2	6.7	661.2	6.71		275	301	50	29.82	8.9	36
1	....Fishing,....Wading,	Plastic and Some Aquatic Plants	Slightly Black	Unpleasant	Slow	21	4.3	6.7	1015	2.8		350	135	60	711	4.8	42
1.5	..Washing,.....	Waste Materials	Slightly Black	ill smelling	Slow	18	3.44	7.3	318.1	2.2	40	155	113	180	42.6	27.8	80
2	..Washing,.....	Some Plastic Waste Materials	Turbid	Unpleasant	Medium	27	2.78	7.2	192.2	4.1		160	185	115	22.72	23.7	58
1	.....Others	Waste Materials	Brown	Unpleasant	Slow	25	2.8	7.4	742.1	0.37		380	108	70	11.36	4.8	54

1.5	*****	Domestic Waste Materials	Colorless	Odorless	Slow	27.1	2.43	7.1	148.8	2.5	50	165	118	85	21.3	12.5	44
4	*****	Waste Materials	Pale Muddy	Odourless	Medium	27.2	1.7	6.9	317.2	6.2		255	213	90	22.72	23.8	38
1	*****	Nil	light brown	odouless	slow	18	3.7	6.9	985.5	2.6		425	131	75	29.82	4.5	38
1.5	,,,Fishing,,,,	Waste Materials	Brown	Odorless	Slow	26.8	1.4	7.9	437.5	81.04		400	135	85	24.14	114.6	52
2	*****Wading,	Plastics	Brown	Un - Pleasant	slow	17.3	4.5	6.7	969.1	2.5		400	99	70	14.2	4.6	54
1.5	*****		Brown	Septic	Slow	18	3.8	7.5	2192	5.4	35	145	82	90	21.3	26.2	56
3	*****	Nil	Cloudy	Bad	Medium	26	13.6	6.5	553.2	6.71		370	251	75	24.14	10.7	34
1	*****	Hyacinth (Aquatic Plant)	Light Brown	Unpleasant	Slow	21.3	4.4	6.8	938.1	0.14		395	158	80	29.82	4.8	42
1.5	,Washing,,,,,	Domestic Waste Materials	Colorless	Bad Smell	Slow	19	3.84	7.2	236.1	3.453	30	150	102	85	18.46	25.6	44
2	*****	Waste Naoremthong Bazar material	Colorless	Odorless	Slow	29	3.84	6.8	253.2	4.35	35	165	151	125	28.4	22.4	54
1	,,,Fishing,,,,,Others	Waste Materials	Brown	Smelling	Slow	27.6	1.5	7.8	1318	8.42		105	201	85	9.94	9.8	66
1	,,,Fishing,,,,,Others	Plastics material	Brown	Slightly Smell	slow	20	0.41	6.8	2150	8.4		915	180	60	7.1	10.4	64
1	Bathing,,,Fishing,,,,,	Plastics	Brown	Un-pleasant	slow	20.2	1.7	6.7	115.8	1.2		800	375	110	19.88	4.3	68

3.5	*****	Waste Materials	Muddy	Odourless	Medium	27	1.7	6.8	326.2	3.9		540	242	50	18.46	23.2	42
1	*****Others		Brown	Unpleasant	Slow	19	4.3	7.3	2851	5.7	30	350	98	80	21.3	29	78
1.5	*****	Domestic Waste Materials	Slightly Black	ill smelling	Slow	20	3.442	6.9	308.5	5.3	30	370	115	146	31.24	31.7	62
4	Bathing,Washing,,,Fishing,Boating,, Tourism,Wading,	Some Aquatic Plants	Colourless	Odourless	Very Slow	22.7	9.1	8.3	270.8	0.39		95	19	45	7.1	11.8	34
2	*****Others	Waste Materials	Straw	Ice smelling	Slow	26.7	1.2	7.9	1120	74.85		1115	189	95	11.36	110	76
3	*****	Waste Materials	Muddy	Bad	Medium	28	9.7	6.5	670	4.02		780	290	50	18.64	8.6	38
2	*****	Domestic Waste Materials	Light Brown	Slightly Smelling	Medium	29	1.62	7.2	221.5	4		470	175	110	22.72	22.6	68
2	*****	Plastic Waste Materials	Turbid	Unpleasant	Slow	30	1.62	6.8	258.1	3.9	26	480	168	115	25.56	27.2	52
1.5	,Washing*****	Polythene with domestic waste	Slightly Turbid	Slightly Muddy Smell	Slow	22.2	3.82	6.9	273.2	6.3	35	385	121	110	22.72	18.3	48
1.5	,,,Fishing,,,,,Others	Waste Materials	Brown	Smelling	Slow	27.4	1.2	7.9	1525.1	8.1		1305	225	90	9.94	8.6	72
2	*****	Plastic Waste Materials	Turbid	Unpleasant	Slow	30	1.01	6.9	271.4	4.5	40	785	189	125	26.9	25.6	56
1	*****Others	Waste Materials	Brown	ill smelling	Slow	26.7	1.1	7.8	1308	68.7		1450	225	85	12.78	88.6	70
1	*****Wading,	Plastics	Brown	Slightly Smell	slow	19.1	1.9	6.7	998.9	20		11.9	368	125	26.98	25.2	56

1	Others	Waste Materials	Brown	Rotten Egg	Slow	19	4	7.2	330	5.9	30	735	112	80	21.3	29	78
3		Waste Materials	Pale Muddy	Bad	Medium	26	1.6	6.9	402	5.8		900	251	50	15.62	21.8	50
1.5		Plastic bags, domestic waste material	Slightly Black	ill smelling	Slow	20	3.646	6.8	349.2	5.7	30	750	128	135	29.8	29.6	58
2 1/2	Fishing	Mostly Plastic Matters	Light Brown	Highly Smell	Medium	22.1	0.3	7.5	1352.1	3.72		1300	218	130	25.56	5.9	58
3		Waste Materials	Turbid	Bad Turbid	Medium	29	12.17	7.1	847.8	6.12		1105	311	60	21.3	7.1	34
1.5		Domestic Waste Materials	Slightly Black	Unpleasant Smell	Slow	28.1	3.62	6.8	260.4	7.5	35	550	130	100	17.04	12.2	46
2.5		Waste Materials and white thermocool box cover	Brown	Slightly Smelling	Medium	29	1.57	7.1	395.1	5.7		790	202	95	26.98	23.2	58

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Calcium	Magnesium	Sodium	TDS	TSS	Phosphate	Potassium
22	4.88	5	134	432	0.05	2
23	5.124	18	450.4	782	5.4	
32	7.32	11	126.2	324	0.15	4
44	10.25	24	156	346.4	3	
27	6.1	21	216.4	412.6	3.5	
20	4.392	4	162.4	492.2		
18	3.904	22	498	782	0.6	
19	4.148	3	334.2	750.8	0.25	
22	4.88	20	549.2	904	0.5	
41	9.516	22	164	340.2	2.5	7
30	6.832	4	98.6	452.6	0.12	1
28	6.344	20	390.4	582.4	4	

21.3	5.124	5	78	210.6	0.16	2
29	4.392	3	158	460.8		
20	4.392	10	480.6	864.2	0.6	
27	6.1	21	256.8	542	3	
28	6.344	20	510	796	0.3	
29	6.588	22	112.4	274.2	1.5	7
18	3.904	3	298	660.2	0.1	
22	4.88	20	536.8	744	4	
23	5.124	23	122.6	280.4	1.2	8
28	6.34	5	126.6	410	0.09	2
34	7.808	26	693.4	972.6	4.2	
33	7.564	24	1069	1210.6	2.5	
35	8.062	23	609.4	826.2		

22	4.88	5	168.2	526.4		
40	9.272	22	148	322	4	7
32	7.32	18	156.2	334.6	2	6
18	3.904	5	140	246.2		
39	9.02	23	572.6	882	0.3	
20	4.392	4	340	822	0.2	
35	8.052	4	102.4	428		2
27	6.5	5	130.2	426	0.16	2
25	5.61	8	116.4	312.6	0.27	3
37	8.54	24	802	1136	5.1	
29	6.58	6	138.6	493.2	0.25	2
36	8.29	22	668.2	986.4	4	
29	6.588	21	526.2	872		

40	9.272	22	178.2	380	5	3
26	5.856	4	212.6	540.2		
30	6.832	29	186	362.4	1.5	7
30	6.832	22	712.8	1088	3.3	
18	3.904	3	430.6	852.4	0.25	
24	5.368	7	142	348	0.35	3
30	6.832	5	204.8	468.6	0.6	2