

Name of Work :- Cleaning & Odour Control of Mithi River & Vakola Nallah in BKC area

LABORATORY TEST RESULTS

Sample Locations	Parameters	Unit	Permissible Limit	VJTI	Pvt. Lab	VJTI	Pvt. Lab	VJTI	Pvt. Lab	VJTI	VJTI	VJTI	Pvt. Lab	VJTI	Pvt. Lab	Pvt. Lab	VJTI	Pvt. Lab	VJTI	Pvt. Lab
A Nala at Pipeline, near Teachers Colony, Santacruz (E)	Sampling Dates			9-Jul-13	9-Jul-13	30-Jul-13	30-Jul-13	13-Aug-13	13-Aug-13	30-Aug-13	17-Sep-13	30-Sep-13	30-Sep-13	22-Oct-13	22-Oct-13	13-Nov-13	22-Nov-13	27-Nov-13	13-Dec-13	13-Dec-13
	pH		6.5-7.5	8.3	7.35	7.8	7.35	7.8	7.17	8.1	7.8	7.8	7.34	8.1	7.42	7.31	7.8	7.28	7.7	7.25
	COD	mg/l	100-150 mg/l	105	72	78	72	63	22.4	129	83	146	160	211	100	128	257	120	197	152
	BOD	mg/l	<50 mg/l	24	20.4	33	20.4	18	7.2	35	25	34	40	28	25.2	42.5	39	32	18	22
	DO	mg/l	>2 mg/l	1.5	2.56	2	2.56	0.4	N.D.	0.6	0	1.6	1.47	0	4.2	0.4	2.5	0	0	0.2
B Below Tata Colony Bridge, BKC, Bandra (E)	Sampling Dates			9-Jul-13	9-Jul-13	30-Jul-13	30-Jul-13	13-Aug-13	13-Aug-13	30-Aug-13	17-Sep-13	30-Sep-13	30-Sep-13	22-Oct-13	22-Oct-13	13-Nov-13	22-Nov-13	27-Nov-13	13-Dec-13	13-Dec-13
	pH		6.5-7.5	8.2	7.07	7.7	7.07	7.6	7.2	7.7	7.7	7.7	7.41	7.8	7.39	6.73	7.7	7.22	7	6.82
	COD	mg/l	100-150 mg/l	65	24	68	24	45	67.2	120	93	137	140	185	120	136	217	148	143	144
	BOD	mg/l	<50 mg/l	21	12	23	12	12	20.4	30	27	32	20.4	29	30	45	38	38	15	32
	DO	mg/l	>2 mg/l	1.5	1.44	2.4	1.44	0.6	N.D.	0.4	0	0.7	1.2	0	3.7	0.3	0	1	0	0.8
C Below Dharavi Bridge, Bandra (E)	Sampling Dates			9-Jul-13	9-Jul-13	30-Jul-13	30-Jul-13	13-Aug-13	13-Aug-13	30-Aug-13	17-Sep-13	30-Sep-13	30-Sep-13	22-Oct-13	22-Oct-13	13-Nov-13	22-Nov-13	27-Nov-13	13-Dec-13	13-Dec-13
	pH		6.5-7.5	8.2	7.01	7.8	7.01	7.7	7.18	7.8	8.1	7.5	7.29	7.3	7.51	6.81	8	7.16	7.8	6.8
	COD	mg/l	100-150 mg/l	122	96	78	96	45	22.4	111	102	128	120	150	76	144	306	136	116	136
	BOD	mg/l	<50 mg/l	25	27.6	30	27.6	13	6	25	30	30	20.4	38	11.7	47.4	27	42	11	30
	DO	mg/l	>2 mg/l	2.2	1.6	2.9	1.6	0.5	N.D.	1	0	1.7	0.8	0	1.9	0.2	3.8	2.2	0	1
	Ammonia (Air monitoring) (At Jetwan Building)	microg/m3	<400 microg/m3	Not detected (Rainy season)		Not detected (Rainy season)		Not detected (Rainy season)		Not detected (Rainy season)	Not detected (Rainy season)	Not detected (Rainy season)	Not detected (Rainy season)	20-Oct-13		13-Nov-13	27-Nov-13		13-Dec-13	
														0.54 for 4 Hrs	2.14 for 4 hrs	0.54 for 24 hrs		0.52 for 4 Hrs		
D Opposite Standard Chrted office, BKC, Bandra (E)	Sampling Dates			9-Jul-13	9-Jul-13	30-Jul-13	30-Jul-13	13-Aug-13	13-Aug-13	30-Aug-13	17-Sep-13	30-Sep-13	30-Sep-13	22-Oct-13	22-Oct-13	13-Nov-13	22-Nov-13	27-Nov-13	13-Dec-13	13-Dec-13
	pH		6.5-7.5	8.3	7.2	7.8	7.2	7.8	7.27	7.8	7.8	7.8	7.51	7.8	7.31	6.67	7.8	7.2	7.6	6.86
	COD	mg/l	100-150 mg/l	105	24	68	24	54	44.8	111	74	110	100	123	91.9	128	247	124	134	144
	BOD	mg/l	<50 mg/l	30	12	18	12	15	15.6	27	25	28	20.4	14	11.9	42.5	32	40	14	28
	DO	mg/l	>2 mg/l	1.8	1.6	2.1	1.6	0.4	N.D.	0.7	0	5	1.87	0	3.1	0.2	4.1	0	0	1.1
E Below MTNL Bridge, BKC, Kurla (W)	Sampling Dates			9-Jul-13	9-Jul-13	30-Jul-13	30-Jul-13	13-Aug-13	13-Aug-13	30-Aug-13	17-Sep-13	30-Sep-13	30-Sep-13	22-Oct-13	22-Oct-13	13-Nov-13	22-Nov-13	7-Jan-00	13-Dec-13	13-Dec-13
	pH		6.5-7.5	7.8	7.17	7.6	7.17	7.7	7.26	7.7	7.8	7.7	7.57	8.3	7.5	7.17	8	7.8	7.5	6.85
	COD	mg/l	100-150 mg/l	98	48	58	48	45	22.4	120	83	119	80	176	100	100	217	116	125	136
	BOD	mg/l	<50 mg/l	26	14.4	17	14.4	14	6	31	29	29	20.4	17	28	27.5	32	27.5	18	38
	DO	mg/l	>2 mg/l	1.6	1.12	2.2	1.12	1.6	N.D.	0.6	0	4	2.27	0	2.2	0	0	0.8	0	1.1