

Table 1: Locations and sampling details

Station	Sampling date	Time	Weather	Latitude (N)	Longitude (E)	Elevation (m)	Tidal
LR01	11-Jan-10	10:12:24 a.m	Sunny	02°51'01.2"	101°30'44.4"	7	Low
LR02	11-Jan-10	10:41:06 a.m	Sunny	02°51'04.9"	101°30'52.6"	7	Low
LR03	11-Jan-10	11:09:26 a.m	Sunny	02°50'56.7"	101°30'42.4"	7	Low
LR04	11-Jan-10	11:26:45 a.m	Sunny	02°51'02.7"	101°30'52.8'	10	Low
LR05	11-Jan-10	11:48:55 a.m	Sunny	02°51'07.2"	101°30'59.3'	13	Low
LR06	11-Jan-10	11:59:53 a.m	Sunny	02°51'01.1"	101°30'47.7"	14	Low
LR07	11-Jan-10	12:21:48 p.m	Sunny	02°50'32.6"	101°30'52.6"	16	Low
LR08	11-Jan-10	12:36:09 p.m	Sunny	02°50'36.7"	101°30'51.2"	16	Low
LR09	11-Jan-10	12:50:00 p.m	Sunny	02°50'27.5"	101°30'57.6'	13	Low
LR10	11-Jan-10	1:15:47 p.m	Sunny	02°48'52.9"	101°31'30.4'	16	Low
LR11	11-Jan-10	1:31:22 p.m	Sunny	02°48'55.8"	101°30'24.9"	14	Low
LR12	11-Jan-10	1:46:41 p.m	Sunny	02°48'47.5"	101°31'33.5'	13	Low
LR13	12-Jan-10	9:52:42 a.m	Sunny	03°00'56.7"	101°45'43.3"	16	Low
LR14	12-Jan-10	10:42:43 a.m	Sunny	03°02'25.1"	101°47'18.2"	53	Low
LR15	12-Jan-10	12:36:34 p.m	Sunny	02°57'55.4"	101°47'07.5"	36	Low
LR16	13-Jan-10	10:38:11 a.m	Sunny	02°55'04.1"	101°45'29.5'	42	Low
LR17	13-Jan-10	11:47:30 a.m	Sunny	02°54'40.0"	101°45'13.6"	21	Low
LR18	13-Jan-10	12:23:38 p.m	Sunny	02°54'25.5"	101°44'54.9"	23	Low
LR19	13-Jan-10	12:57:41 p.m	Sunny	02°54'19.0"	101°44'34.5"	26	Low
LR20	13-Jan-10	1:33:48 p.m	Sunny	02°53'46.5"	101°44'02.9"	26	Low
LR21	13-Jan-10	1:56:03 p.m	Sunny	02°53'46.6"	101°43'45.3"	26	Low
LR22	13-Jan-10	2:38:58 p.m	Sunny	02°51'23.4"	101°40'58.7"	22	Low

Table 2: Water Quality Parameter of sampling locations

Station	pH	Turbidity (NTU)	Salinity (ppt)	Secchi disc (m)	Temperature (°C)	Conductivity (µS)	DO (mg/l)
LR01	3.35	22.2	0.2	0.4	28.23	512	5.1
LR02	3.47	17.5	0.1	0.4	28.3	180	5.6
LR03	3.47	89.6	0.2	0.2	28.8	347	3.2
LR04	4.95	129	0.1	0.05	29.63	306.9	4.2
LR05	3.87	118	0.1	0.2	28.57	237	4.2
LR06	5.06	375	0.1	0.2	28.63	194.3	4.2
LR07	5.36	29.5	0.1	0.4	29.37	203.2	4.4
LR08	5.36	285	0.1	0.1	29.47	206.5	4
LR09	5.36	33.2	0.1	0.35	29.43	207.4	4.6
LR10	4.7	25.2	0.1	0.2	29.57	220.6	6.2
LR11	4.87	37.8	0.1	0.15	29.4	189.7	4.7
LR12	4.87	24.2	0.1	0.3	29.43	176.1	3.3
LR13	4.87	23.5	0.1	0.25	28.73	301.9	3.4
LR14	4.87	48	0.1	0.2	28.7	147.3	6.3
LR15	4.87	145	0.1	0.2	29.8	178.4	5.5
LR16	6.68	65.3	0.1	0.15	27.87	165.5	4.7
LR17	6.13	68.1	0.1	0.15	29.5	159.4	5.1
LR18	6.13	56.8	0.1	0.15	29.57	172.9	5.7
LR19	6.13	63.7	0.1	0.15	29.93	174.9	3.7

LR20	6.13	114	0.1	0.15	29.33	174.5	3.5
LR21	6.13	63	0.1	0.15	29.77	165.1	5.8
LR22	6.13	38.2	0.1	0.15	29.03	124.3	6

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<b>Elevation (m)</b>	<b>Tidal</b>
7	Low
7	Low
7	Low
10	Low
13	Low
14	Low
16	Low
16	Low
13	Low
16	Low
14	Low
13	Low
16	Low
53	Low
36	Low
42	Low
21	Low
23	Low
26	Low

26	Low
26	Low
22	Low

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