

**WATER YEAR : 2011**  
**SOUTHERN PENINSULA WEST COAST**  
**Lower Khlong Tha Prae at Ban Ta Lam , Satun (X.264)**

Lat 06 - 47 - 46 N Long 99 - 57 - 17 E

**Location : on right bank at Ban Ta Lam.**

	<b>Ban Ta Lam</b>	<b>Amphoe Tha Pae</b>	<b>Changwat Satun</b>
<b>Drainage Area</b>	223 sq.km.		
<b>Method of sampling</b>	Depth Integrating		
<b>Instrument Used</b>	US.D-49		
<b>Period of Available Records</b>	2009-Cont'd		
<b>Actual Measurement</b>	2009-Cont'd		
<b>Using Rating Curve Water Year</b>	2011		
<b>Number of observation</b>	24		
<b>R-Square</b>	0.8356		
<b>Remarks</b>	Continued Sediment Station		

$$QS = 4.8380 QW^{1.35330}$$

**Suspended Sediment , in Tons per Day. Water Year 1 April 2011 to 31 March 2012**

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	98.60	42.70	5.80	17.90	19.90	422.70	142.20	35.50	42.70	147.30	21.90	13.50		
2	95.20	27.00	18.60	17.90	18.60	356.50	100.40	37.30	42.70	216.00	21.20	12.40		
3	80.10	18.60	14.80	17.30	10.70	249.60	76.90	36.40	41.80	160.20	18.60	12.40		
4	72.10	17.30	39.10	17.30	8.40	160.20	78.50	33.70	40.90	133.60	17.90	14.80		
5	19.20	12.40	33.70	19.90	6.50	106.00	80.10	33.70	33.70	62.20	16.00	14.80		
6	40.00	14.80	29.50	12.40	4.80	59.70	76.90	39.10	30.30	25.30	16.00	13.50		
7	39.10	12.40	18.60	12.40	4.50	33.70	75.30	41.80	32.00	24.60	14.80	13.50		
8	42.70	23.90	10.70	11.50	4.20	33.70	81.80	42.70	32.00	23.90	14.80	14.80		
9	32.00	26.20	100.40	4.80	3.60	33.70	83.40	51.00	98.60	22.60	16.60	13.50		
10	18.60	18.60	25.30	4.80	3.60	33.70	73.70	39.10	67.30	32.00	27.00	12.40		
11	17.30	18.60	54.70	4.80	5.20	10536.00	67.30	37.30	45.00	32.00	17.90	13.50		
12	12.40	17.30	33.70	4.80	4.80	7462.20	75.30	35.50	25.30	42.70	14.80	13.50		
13	11.90	12.40	33.70	4.80	4.50	1240.40	59.70	35.50	25.30	1394.90	13.50	13.50		
14	10.70	14.80	22.60	4.80	4.20	578.60	54.70	33.70	23.90	910.20	13.50	13.50		
15	10.30	39.10	18.60	4.80	6.90	282.60	51.00	33.70	30.30	278.80	14.80	12.40		
16	8.40	46.20	17.90	4.80	12.40	165.50	49.80	33.70	40.00	113.70	14.80	13.50		
17	13.50	64.80	12.40	4.80	48.60	135.60	49.80	32.00	25.30	93.50	17.30	13.50		
18	12.40	76.90	16.00	4.80	88.40	119.60	46.20	40.90	24.60	68.90	17.30	13.50		
19	16.60	25.30	17.30	4.50	36.40	115.70	45.00	52.20	25.30	66.10	14.80	14.80		
20	25.30	42.70	17.30	4.80	12.40	100.40	54.70	49.80	25.30	95.20	14.80	14.80		
21	42.70	45.00	16.60	3.60	11.50	90.10	51.00	76.90	23.90	106.00	14.10	16.60		
22	42.70	40.90	12.40	4.80	34.60	75.30	49.80	81.80	22.60	86.80	17.30	16.00		
23	27.00	30.30	30.30	4.80	66.10	49.80	47.40	139.70	19.90	66.10	16.60	14.80		
24	16.00	17.90	26.20	4.80	62.20	54.70	47.40	519.60	18.60	45.00	16.00	14.80		
25	5.50	12.40	12.40	3.30	135.60	88.40	38.20	417.90	18.60	28.60	14.80	25.30		
26	5.50	12.40	12.40	17.90	1686.00	271.30	39.10	532.10	17.30	28.60	14.10	23.90		
27	4.80	10.70	12.40	18.60	804.50	613.10	39.10	464.50	16.00	32.00	13.50	13.50		
28	8.40	9.50	11.10	18.60	705.90	282.60	37.30	452.40	14.80	27.80	12.90	12.40		
29	10.30	12.40	10.70	23.30	613.10	91.80	35.50	108.00	11.90	21.20	12.40	12.40		
30	12.40	9.90	10.30	33.70	525.80	31.20	34.60	53.40	11.10	15.40		12.40		
31		7.60		17.30	434.60		33.70		11.10	14.10		12.40		
<b>Total</b>	851.70	781.00	695.50	334.60	5388.50	23874.40	1875.80	3620.90	938.10	4415.30	470.00	446.60	43692.40	<b>Ton</b>
<b>Mean</b>	28.40	25.20	23.20	10.80	173.80	795.80	60.50	120.70	30.30	142.40	16.20	14.40		
<b>Max</b>	98.60	76.90	100.40	33.70	1686.00	10536.00	142.20	532.10	98.60	1394.90	27.00	25.30	10536.00	
<b>Min</b>	4.80	7.60	5.80	3.30	3.60	31.20	33.70	32.00	11.10	14.10	12.40	12.40	3.30	