WATER YEAR : 2011

MUN RIVER BASIN

Lam Se Bai at Ban Chiang Pheng, Yasothon (M.32)

Lat 15 - 50 - 18 N Long 104 - 27 - 35 E

Location : on right bank at Phawaphutanon bridge.

Ban Chiang Pheng **Amphoe** Pa Tiu **Changwat** Yasothon

Drainge Area	1,646 sq.km.
Method of sampling	Depth Integrating
Instrument Used	US.D-49
Period of Available Records	1998-Cont'd
Actual Measurement	1998-Cont'd
Using Rating Curve Water Year	2011
Number of observation	27
R-Square	0.7950
Remarks	Continued Sediment Station

$$QS = 1.4678\ QW^{1.21220}$$

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	0.00	0.00	0.00	11.60	139.00	950.40	303.00	28.30	0.00	0.00	0.00	0.00		
2	0.00	0.00	0.00	15.50	188.90	958.70	707.80	28.30	0.00	0.00	0.00	0.00		
3	0.00	0.00	0.00	28.30	229.60	975.30	884.50	28.30	0.00	0.00	0.00	0.00		
4	0.00	0.00	0.00	22.20	306.60	1000.30	933.80	28.30	0.00	0.00	0.00	0.00		
5	0.00	0.00	0.00	14.20	288.60	1017.10	835.60	28.30	0.00	0.00	0.00	0.00		
6	0.00	0.00	0.00	5.60	324.80	1033.90	673.80	28.30	0.00	0.00	0.00	0.00		
7	0.00	0.00	0.00	10.30	560.60	1067.60	483.00	30.40	0.00	0.00	0.00	0.00		
8	0.00	0.00	0.00	10.30	1042.30	1127.10	246.10	30.40	0.00	0.00	0.00	0.00		
9	0.00	0.00	0.00	9.10	1495.10	1195.80	136.70	30.40	0.00	0.00	0.00	0.00		
10	0.00	0.00	0.00	12.90	1907.30	1247.70	59.80	30.40	0.00	0.00	0.00	0.00		
11	0.00	0.00	0.00	62.90	2350.60	1326.40	10.30	32.60	0.00	0.00	0.00	0.00		
12	0.00	0.00	0.00	117.60	2741.20	1414.70	30.40	32.60	0.00	0.00	0.00	0.00		
13	0.00	0.00	0.00	135.50	2472.20	1361.60	116.90	32.60	0.00	0.00	0.00	0.00		
14	0.00	0.00	0.00	164.30	2046.10	1317.60	154.60	34.70	0.00	0.00	0.00	0.00		
15	0.00	0.00	0.00	197.30	1686.80	1282.60	253.10	36.90	0.00	0.00	0.00	0.00		
16	0.00	0.00	0.00	163.00	1649.00	1230.40	457.60	36.90	0.00	0.00	0.00	0.00		
17	0.00	0.00	0.00	139.00	1759.70	1110.00	528.00	36.90	0.00	0.00	0.00	0.00		
18	0.00	0.00	0.00	120.30	1833.20	1000.30	347.90	36.90	0.00	0.00	0.00	0.00		
19	0.00	0.00	0.00	113.00	2089.10	892.70	242.60	34.70	0.00	0.00	0.00	0.00		
20	0.00	0.00	0.00	66.00	2494.40	783.50	174.50	32.60	0.00	0.00	0.00	0.00		
21	0.00	0.00	0.00	113.80	2164.80	680.60	139.00	32.60	0.00	0.00	0.00	0.00		
22	0.00	0.00	0.00	149.70	2067.60	554.10	119.90	26.30	0.00	0.00	0.00	0.00		
23	0.00	0.00	0.00	220.60	1907.30	426.20	117.60	0.00	0.00	0.00	0.00	0.00		
24	0.00	0.00	1.90	320.30	1576.20	315.70	104.00	0.00	0.00	0.00	0.00	0.00		
25	0.00	0.00	11.60	413.80	1300.10	246.10	53.80	0.00	0.00	0.00	0.00	0.00		
26	0.00	0.00	12.90	567.20	1152.80	193.10	47.80	0.00	0.00	0.00	0.00	0.00		
27	0.00	0.00	11.60	370.70	1033.90	155.80	42.00	0.00	0.00	0.00	0.00	0.00		
28	0.00	0.00	11.60	242.60	983.60	137.80	36.90	0.00	0.00	0.00	0.00	0.00		
29	0.00	0.00	10.30	188.90	933.80	135.50	34.70	0.00	0.00	0.00	0.00	0.00		
30	0.00	0.00	11.60	155.80	942.10	135.50	32.60	0.00	0.00	0.00		0.00		
31		0.00		135.50	950.40		30.40		0.00	0.00		0.00		
Total	0.00	0.00	71.50	4297.80	42617.70	25274.10	8338.70	697.70	0.00	0.00	0.00	0.00	81297.50	**Ton**
Mean	0.00	0.00	2.40	138.60	1374.80	842.50	269.00	23.30	0.00	0.00	0.00	0.00		
Max	0.00	0.00	12.90	567.20	2741.20	1414.70	933.80	36.90	0.00	0.00	0.00	0.00	2741.20	
Min	0.00	0.00	0.00	5.60	139.00	135.50	10.30	0.00	0.00	0.00	0.00	0.00	0.00	