

**WATER YEAR : 2011****MUN RIVER BASIN****Lam Chi at Ban Lum Din, Surin (M.159)**

Lat 15 - 08 - 24 N Long 103 - 25 - 57 E

**Location : on right bank at Ban Lum Din.**

	<b>Ban Lum Din</b>	<b>Amphoe Chom Phra</b>	<b>Changwat Surin</b>
<b>Drainage Area</b>	4,806 sq.km.		
<b>Method of sampling</b>	Depth Integrating		
<b>Instrument Used</b>	US.D-49		
<b>Period of Available Records</b>	2008-Cont'd		
<b>Actual Measurement</b>	2008-Cont'd		
<b>Using Rating Curve Water Year</b>	2005-2011		
<b>Number of observation</b>	190		
<b>R-Square</b>	0.8360		
<b>Remarks</b>	Continued Sediment Station		

$$QS = 9.4968 QW^{0.80720}$$

**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	14.60	46.20	57.00	367.30	1202.70	1299.90	141.10	23.10	5.90	0.00		
2	0.00	0.00	17.30	44.60	57.50	412.80	1213.30	1087.20	125.20	17.90	4.00	0.00		
3	0.00	0.00	18.60	42.00	57.00	434.40	1255.50	981.50	103.60	13.20	2.40	0.00		
4	0.00	0.00	19.90	39.80	63.40	459.60	1344.00	905.30	90.80	9.10	1.70	0.00		
5	0.00	0.00	21.80	35.40	64.30	461.90	1367.20	842.80	81.80	8.70	1.20	0.00		
6	0.00	0.00	22.40	32.60	58.90	445.90	1380.10	783.50	76.70	6.70	0.00	0.00		
7	0.00	0.00	24.30	30.80	60.40	417.10	1385.20	725.20	70.60	5.10	0.00	0.00		
8	0.00	0.00	26.70	29.10	55.50	390.20	1374.90	683.60	62.40	5.40	0.00	0.00		
9	0.00	0.00	30.80	27.30	48.30	373.10	1359.50	657.00	57.50	5.10	1.20	0.00		
10	0.00	0.00	37.00	26.10	47.80	455.10	1328.50	623.90	51.90	4.90	0.00	0.00		
11	0.00	0.00	38.70	23.70	44.10	466.40	1307.70	594.10	45.70	4.70	0.00	0.00		
12	0.00	0.00	39.20	22.40	41.40	628.10	1286.90	570.40	38.70	4.70	0.00	0.00		
13	0.00	0.00	39.20	23.70	35.90	749.10	1284.30	544.30	31.40	3.60	0.00	0.00		
14	0.00	0.00	39.80	26.70	48.80	817.50	1310.30	524.60	26.10	0.00	0.00	0.00		
15	0.00	0.00	39.20	32.00	51.40	851.20	1351.70	504.60	22.40	0.00	0.00	0.00		
16	0.00	0.00	42.00	35.40	53.40	859.60	1431.90	468.70	23.10	0.40	0.00	0.00		
17	0.00	0.00	46.70	38.20	52.40	849.10	1562.60	439.00	23.10	0.40	0.00	0.00		
18	0.00	0.00	50.40	38.20	54.40	838.60	1656.80	409.00	21.80	0.00	0.00	0.00		
19	0.00	0.00	54.40	37.60	58.50	830.20	1749.20	390.20	17.90	0.00	0.00	0.00		
20	0.00	0.00	58.90	37.60	177.40	802.70	1873.90	367.30	15.90	0.00	0.00	0.00		
21	0.00	0.00	61.90	37.60	255.30	759.90	1966.20	342.10	18.60	0.00	0.00	0.00		
22	0.00	0.00	66.30	46.20	279.50	725.20	2044.70	322.40	16.60	0.00	0.00	0.00		
23	0.00	0.00	68.70	52.90	267.40	742.60	2069.10	302.50	19.30	2.40	0.00	0.00		
24	0.00	0.00	67.20	56.00	257.00	789.90	2054.50	277.70	18.60	4.00	0.00	0.00		
25	0.00	0.00	65.30	58.50	243.00	870.00	2034.90	253.50	18.60	26.10	0.00	0.00		
26	0.00	0.00	57.00	60.90	216.80	907.50	1916.70	235.90	18.60	23.10	0.00	0.00		
27	0.00	1.90	54.90	64.80	203.70	931.50	1850.40	213.90	17.90	21.80	0.00	0.00		
28	0.00	4.50	53.40	56.50	212.50	1035.80	1771.60	196.60	21.20	20.50	0.00	0.00		
29	0.00	8.70	49.90	59.40	226.90	1126.10	1686.70	177.40	21.20	18.60	0.00	0.00		
30	0.00	11.70	47.30	60.40	265.70	1184.50	1556.70	158.90	15.90	13.90	0.00	0.00		
31		13.20		61.90	304.50		1410.80		32.00	9.10		0.00		
Total	0.00	40.00	1273.80	1284.50	3920.10	20982.90	48388.50	15883.00	1346.20	252.50	16.40	0.00	93387.90	<b>Ton</b>
Mean	0.00	1.30	42.50	41.40	126.50	699.40	1560.90	529.40	43.40	8.10	0.60	0.00		
Max	0.00	13.20	68.70	64.80	304.50	1184.50	2069.10	1299.90	141.10	26.10	5.90	0.00	2069.10	
Min	0.00	0.00	14.60	22.40	35.90	367.30	1202.70	158.90	15.90	0.00	0.00	0.00	0.00	