

WATER YEAR : 2011**MUN RIVER BASIN****Lam Takhong at Vaccine Serum Office, Nakhon Ratchasima (M.89)**

Lat 14 - 41 - 39 N Long 101 - 25 - 00 E

Location : on left bank at the bridge infront of Vaccine Serum Office.

	Ban -	Amphoe Pak Chong	Changwat Nakhon Ratchasima
Drainage Area	713 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1981 - 1988,1991,1997 - Cont'd		
Actual Measurement	1981 - 1988,1991,1997 - Cont'd		
Using Rating Curve Water Year	2011		
Number of observation	23		
R-Square	0.7158		
Remarks	Continued Sediment Station		

$$QS = 3.9101 QW^{1.34520}$$

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	47.30	58.80	58.50	362.60	230.40	106.90	305.00	69.60	51.20	50.40	49.40	47.60		
2	47.30	65.20	260.80	127.10	466.90	132.20	233.40	65.20	51.20	50.20	49.10	48.10		
3	47.30	55.80	301.80	83.10	526.20	145.40	503.20	60.90	51.20	49.90	49.10	49.70		
4	47.30	55.20	167.00	69.60	345.90	97.20	734.20	58.50	51.20	49.90	49.40	48.10		
5	47.30	54.70	111.90	67.40	212.60	106.90	366.80	58.00	51.20	49.90	49.70	47.60		
6	49.10	53.90	67.40	57.10	153.40	80.80	554.10	57.40	51.20	49.70	49.70	47.60		
7	53.70	54.40	57.40	55.80	114.40	104.50	654.80	57.10	51.20	49.70	49.10	47.60		
8	51.70	52.60	56.60	54.40	90.10	99.60	331.00	58.50	51.20	49.40	48.90	48.10		
9	51.70	51.50	55.20	53.40	74.00	114.40	273.20	80.80	51.20	49.40	48.60	48.10		
10	50.70	51.20	54.20	54.20	69.60	440.20	236.40	74.00	51.20	49.10	49.40	48.40		
11	49.90	51.20	71.80	153.40	78.50	1726.00	640.10	58.50	51.20	49.10	49.10	49.10		
12	49.90	69.60	69.60	153.40	74.00	2012.90	714.20	56.90	51.20	49.10	48.60	48.40		
13	49.90	94.80	58.00	83.10	58.30	1438.90	805.60	56.10	51.20	49.10	48.60	48.10		
14	51.50	85.40	58.00	69.60	74.00	1200.10	471.40	55.50	51.20	49.10	48.60	48.40		
15	51.20	85.40	54.20	167.00	167.00	689.30	334.30	55.20	51.20	49.10	48.40	48.10		
16	51.20	85.40	54.70	186.60	192.30	375.30	418.30	55.00	51.20	49.10	48.40	48.10		
17	51.20	85.40	54.20	142.70	121.90	308.20	458.00	54.70	51.20	49.10	48.40	48.10		
18	49.90	65.20	53.90	148.00	111.90	279.50	392.30	54.20	51.20	49.10	47.80	47.80		
19	49.90	63.00	53.90	137.40	200.90	295.40	295.40	53.90	51.20	49.10	47.80	48.10		
20	48.90	56.90	54.40	251.60	212.60	198.10	236.40	53.70	51.20	49.10	46.50	47.60		
21	49.90	56.60	71.80	341.70	153.40	227.40	198.10	53.90	51.00	49.10	46.80	47.80		
22	53.70	55.20	58.00	279.50	114.40	175.40	169.80	53.90	50.20	49.10	48.10	47.80		
23	50.40	53.90	54.20	224.40	87.70	186.60	148.00	53.90	50.20	49.10	47.80	47.60		
24	48.90	53.40	53.90	145.40	69.60	535.50	132.20	53.90	50.20	49.10	47.60	47.60		
25	48.60	60.90	53.90	127.10	97.20	1311.10	119.40	53.40	50.20	49.10	48.10	47.60		
26	49.40	55.20	53.10	148.00	65.20	568.20	106.90	53.10	50.20	49.10	48.10	47.60		
27	49.90	60.90	54.40	145.40	58.30	2235.20	99.60	53.10	50.20	49.10	47.60	47.30		
28	51.20	58.30	714.20	99.60	71.80	959.90	94.80	52.90	50.20	49.10	47.30	47.30		
29	57.40	83.10	230.40	104.50	76.30	503.20	90.10	52.90	50.20	49.10	47.30	47.10		
30	121.90	85.40	140.10	134.80	85.40	354.20	80.80	52.60	49.90	49.10		47.10		
31		58.80		150.70	83.10		76.30		49.90	49.10		47.10		
Total	1578.20	1977.30	3257.50	4378.60	4537.30	17008.50	10274.10	1727.30	1576.40	1528.70	1403.30	1484.60	50731.80	Ton
Mean	52.60	63.80	108.60	141.20	146.40	567.00	331.40	57.60	50.90	49.30	48.40	47.90		
Max	121.90	94.80	714.20	362.60	526.20	2235.20	805.60	80.80	51.20	50.40	49.70	49.70	2235.20	
Min	47.30	51.20	53.10	53.40	58.30	80.80	76.30	52.60	49.90	49.10	46.50	47.10	46.50	