

**WATER YEAR : 2011****CHI RIVER BASIN****Lam Phan Chat at Ban Kham Hai , Udon Thani (E.86)**

Lat 17 - 05 - 29 N Long 103 - 34 - 16 E

**Location : on left bank at Ban Kham Hai.**

	<b>Ban</b>	<b>Kham Hai</b>	<b>Amphoe</b>	<b>Wang Sam Mo</b>	<b>Changwat</b>	<b>Udon Thani</b>
<b>Drainage Area</b>	93	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>	2008-2011					
<b>Number of observation</b>	73					
<b>R-Square</b>	0.8565					
<b>Remarks</b>	Continued Sediment Station					

$$QS = 5.6869 QW^{1.22620}$$

**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	1.00	3.30	3.00	62.30	254.40	31.10	1.20	0.10	0.00	0.00	0.00		
2	0.00	0.30	11.70	13.30	54.10	204.90	254.40	1.10	0.10	0.00	0.00	0.00		
3	0.00	0.20	15.00	10.10	131.10	19.60	104.50	1.00	0.10	0.00	0.00	0.00		
4	0.00	0.10	11.70	10.90	62.30	218.50	22.80	1.00	0.00	0.00	0.00	0.00		
5	0.00	0.10	6.50	5.40	19.60	142.60	15.00	0.90	0.00	0.00	0.00	0.00		
6	0.00	0.10	5.40	3.30	13.30	172.20	13.30	0.80	0.00	0.00	0.00	0.00		
7	0.00	0.10	24.40	1.80	10.10	527.20	10.10	0.70	0.00	0.00	0.00	0.00		
8	0.00	0.10	21.20	0.90	27.70	54.10	7.10	0.70	0.00	0.00	0.00	0.00		
9	0.00	0.00	11.70	0.80	14.10	488.90	6.20	0.70	0.00	0.00	0.00	0.00		
10	0.00	0.00	6.80	2.30	12.50	62.30	5.10	0.70	0.00	0.00	0.00	0.00		
11	0.00	0.00	3.90	42.30	12.50	34.80	4.30	0.60	0.00	0.00	0.00	0.00		
12	0.00	0.00	2.70	9.30	11.70	66.40	4.10	0.60	0.00	0.00	0.00	0.00		
13	0.00	18.00	2.40	7.80	10.10	27.70	3.90	0.60	0.00	0.00	0.00	0.00		
14	0.00	6.00	2.70	10.10	8.60	29.40	6.00	0.50	0.00	0.00	0.00	0.00		
15	0.00	18.00	1.70	13.30	12.50	38.50	7.80	0.30	0.00	0.00	0.00	0.00		
16	0.00	7.80	2.70	38.50	136.80	21.20	7.80	0.30	0.00	0.00	0.00	0.00		
17	0.00	14.10	14.10	15.00	66.40	16.50	5.10	0.20	0.00	0.00	0.00	0.00		
18	0.00	5.40	114.60	6.50	54.10	26.10	4.10	0.20	0.00	0.00	0.00	0.00		
19	0.00	42.30	4.30	4.10	99.50	26.10	3.40	0.20	0.00	0.00	0.00	0.00		
20	0.00	26.10	3.50	3.40	191.50	46.20	2.90	0.20	0.00	0.00	0.00	0.00		
21	0.00	9.30	3.40	62.30	62.30	160.20	2.70	0.20	0.00	0.00	0.00	0.00		
22	0.00	6.50	29.40	70.60	22.80	109.50	2.30	0.20	0.00	0.00	0.00	0.00		
23	0.20	4.90	7.80	58.20	15.00	58.20	2.00	0.10	0.00	0.00	0.00	0.00		
24	0.50	4.30	4.60	13.30	19.60	31.10	1.70	0.10	0.00	0.00	0.00	0.00		
25	2.40	6.00	3.90	10.10	84.80	24.40	1.60	0.10	0.00	0.00	0.00	0.00		
26	4.30	3.90	10.10	10.10	27.70	18.00	1.50	0.10	0.00	0.00	0.00	0.00		
27	2.90	2.40	6.00	6.00	21.20	15.00	1.50	0.10	0.00	0.00	0.00	0.00		
28	2.30	1.90	4.20	6.20	15.00	15.00	1.50	0.10	0.00	0.00	0.00	0.00		
29	1.50	0.70	3.60	119.70	18.00	14.10	1.40	0.10	0.00	0.00	0.00	0.00		
30	1.40	0.30	3.00	3.80	27.70	13.30	1.40	0.10	0.00	0.00	0.00	0.00		
31		0.40		279.50	58.20		1.20		0.00	0.00		0.00		
<b>Total</b>	<b>15.50</b>	<b>180.30</b>	<b>346.30</b>	<b>841.90</b>	<b>1383.10</b>	<b>2936.40</b>	<b>537.80</b>	<b>13.70</b>	<b>0.30</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>6255.30</b>	<b>Ton</b>
<b>Mean</b>	<b>0.50</b>	<b>5.80</b>	<b>11.50</b>	<b>27.20</b>	<b>44.60</b>	<b>97.90</b>	<b>17.30</b>	<b>0.50</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>		
<b>Max</b>	<b>4.30</b>	<b>42.30</b>	<b>114.60</b>	<b>279.50</b>	<b>191.50</b>	<b>527.20</b>	<b>254.40</b>	<b>1.20</b>	<b>0.10</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>527.20</b>	
<b>Min</b>	<b>0.00</b>	<b>0.00</b>	<b>1.70</b>	<b>0.80</b>	<b>8.60</b>	<b>13.30</b>	<b>1.20</b>	<b>0.10</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	