

3

(3.1)

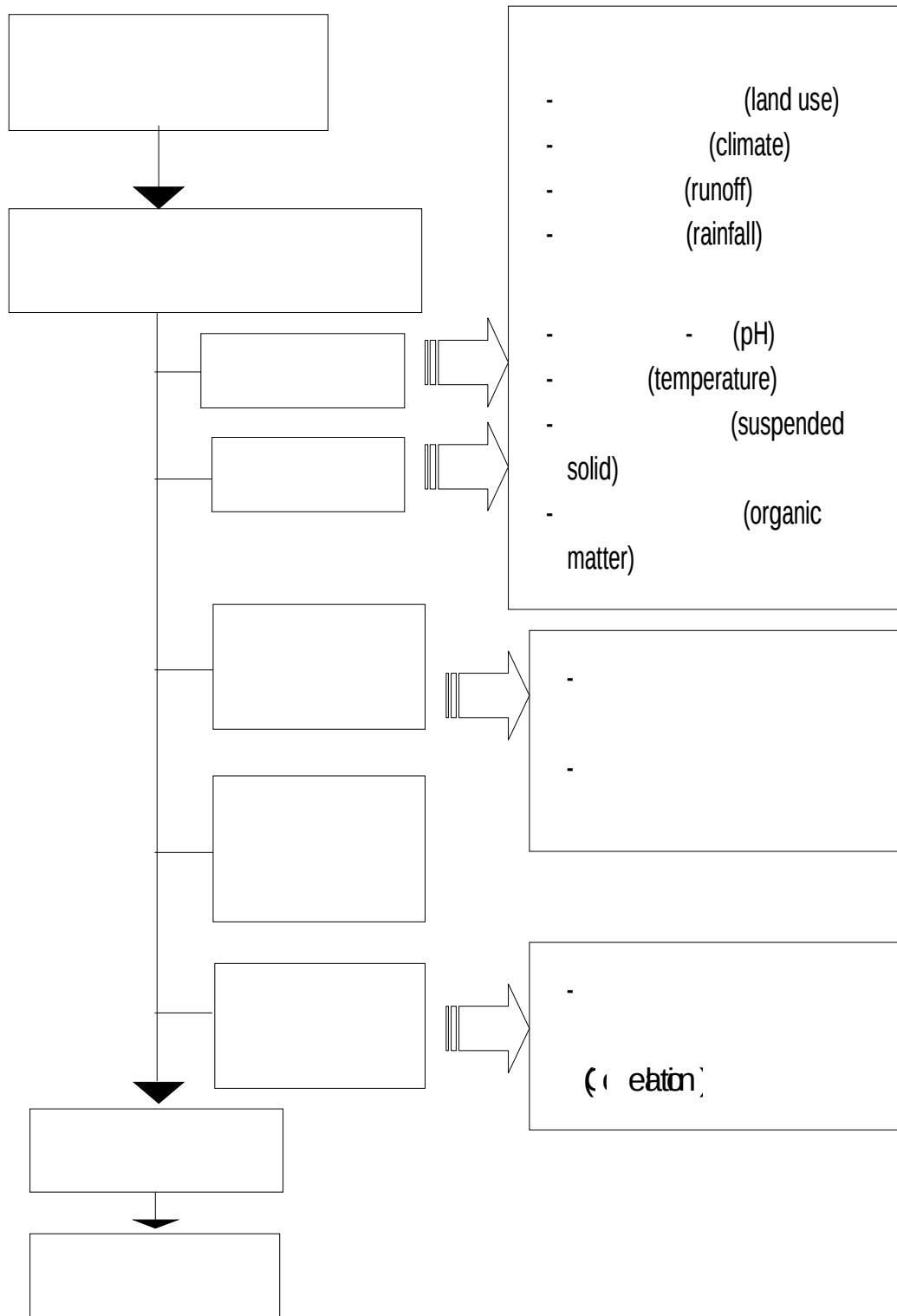
(secondary data)

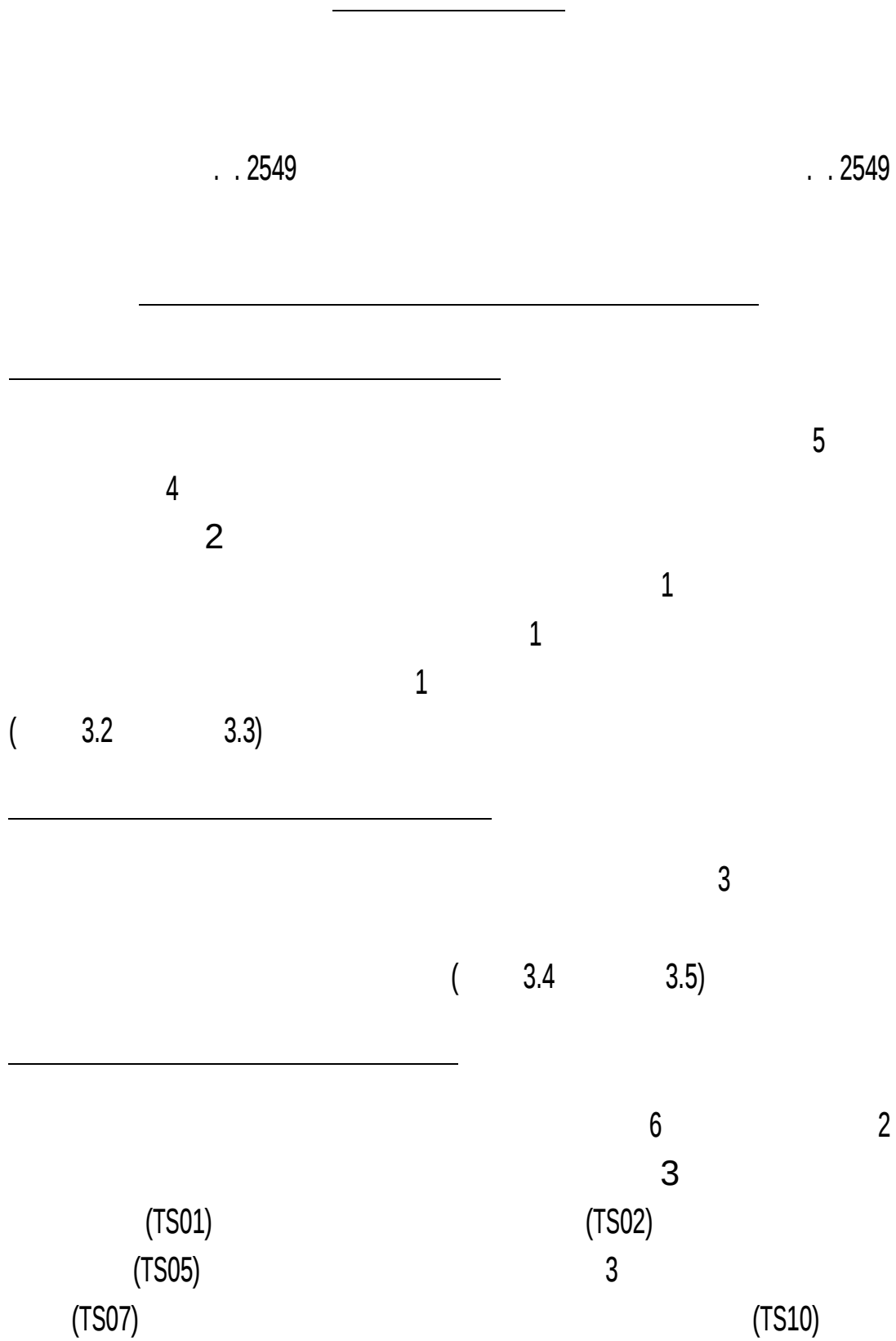
. . 2549

-

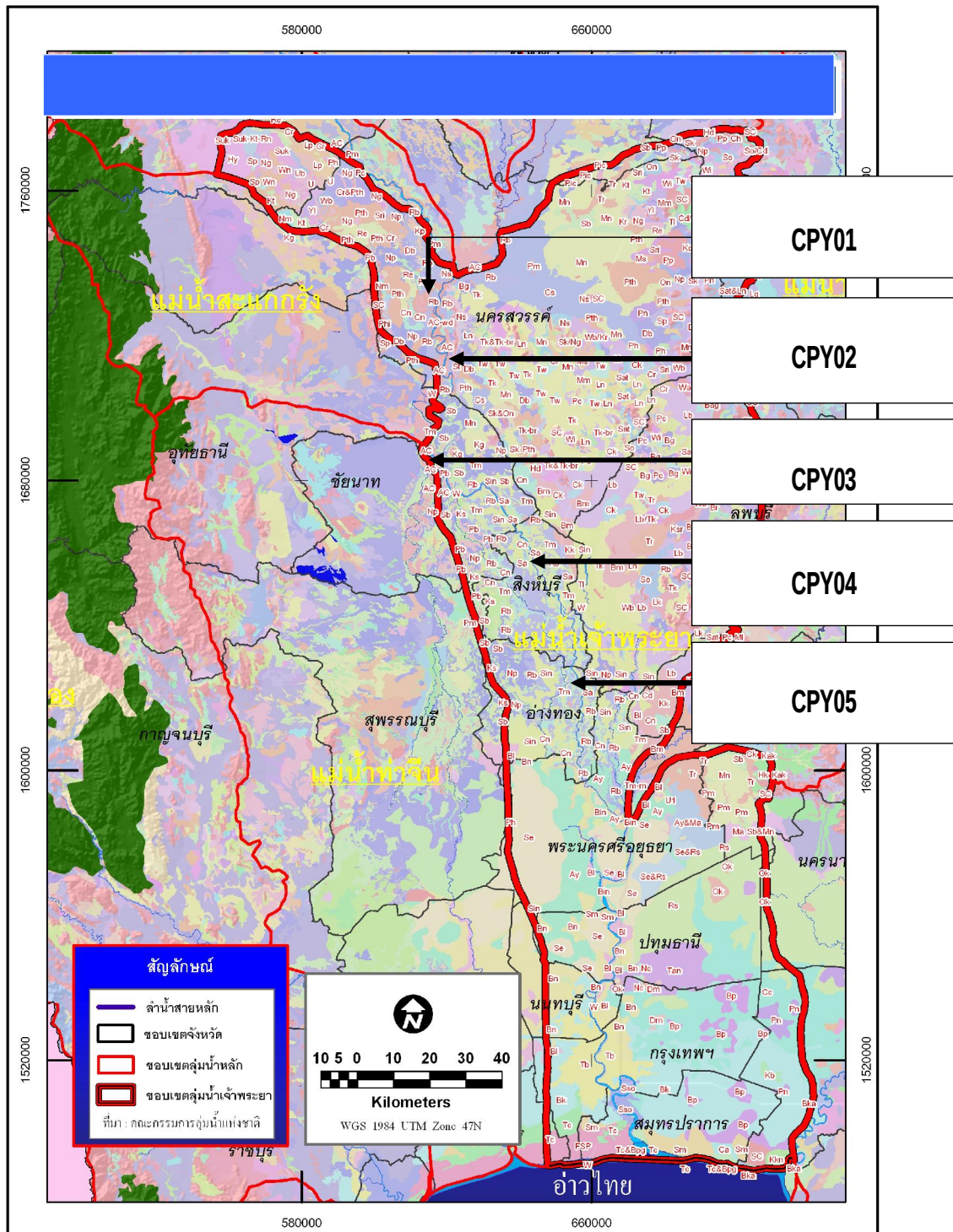
(primary data)

3.1





3.2



3.3
5 (-) (. . 2549)



() (CPY01)



() (CPY02)



() (CPY03)

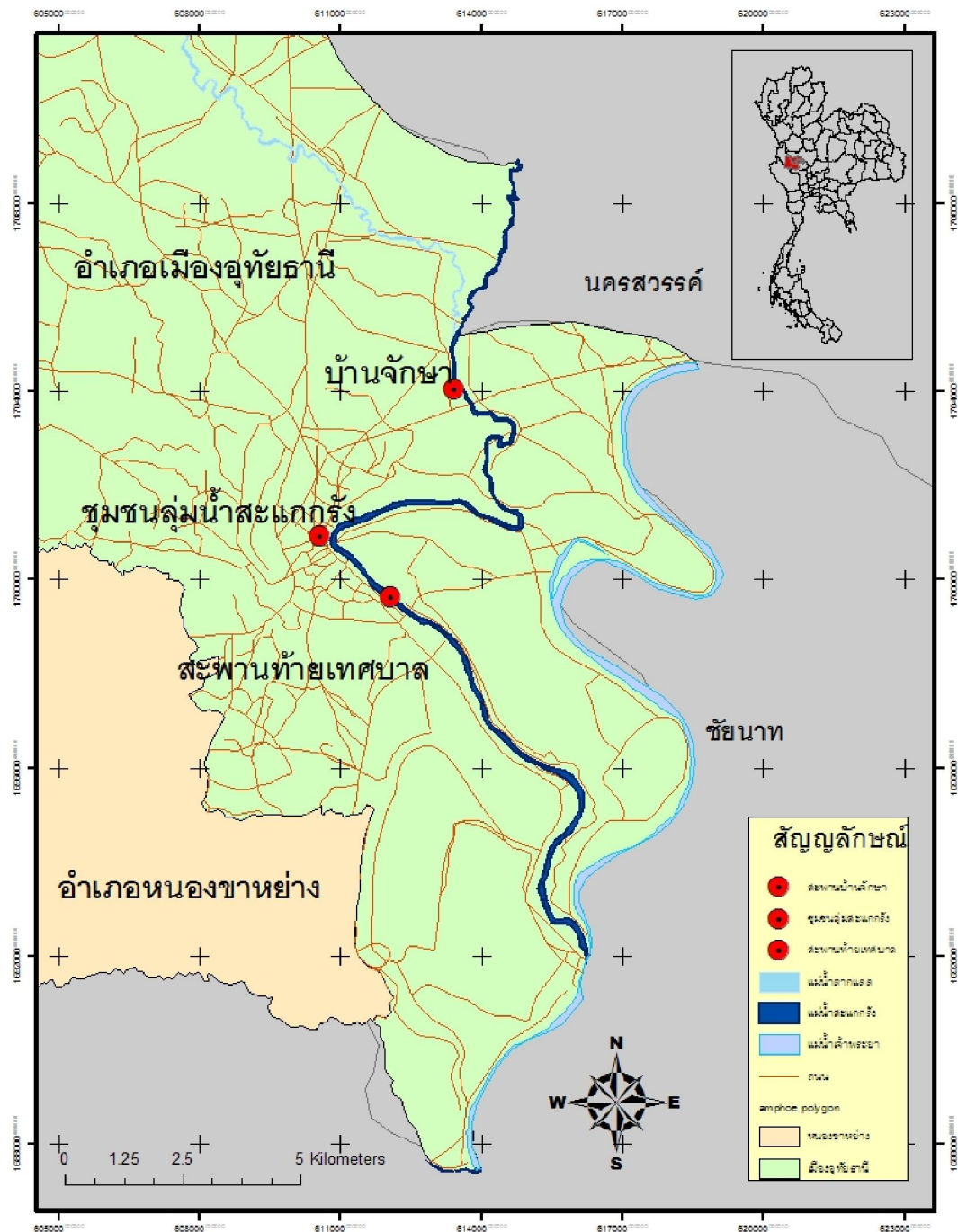


() (CPY04)



() (CPY05)

3.4



3.5
3 (-) (. . 2549)



() (SKK01)



() (SKK02)



() (SKK03)

(TS11)

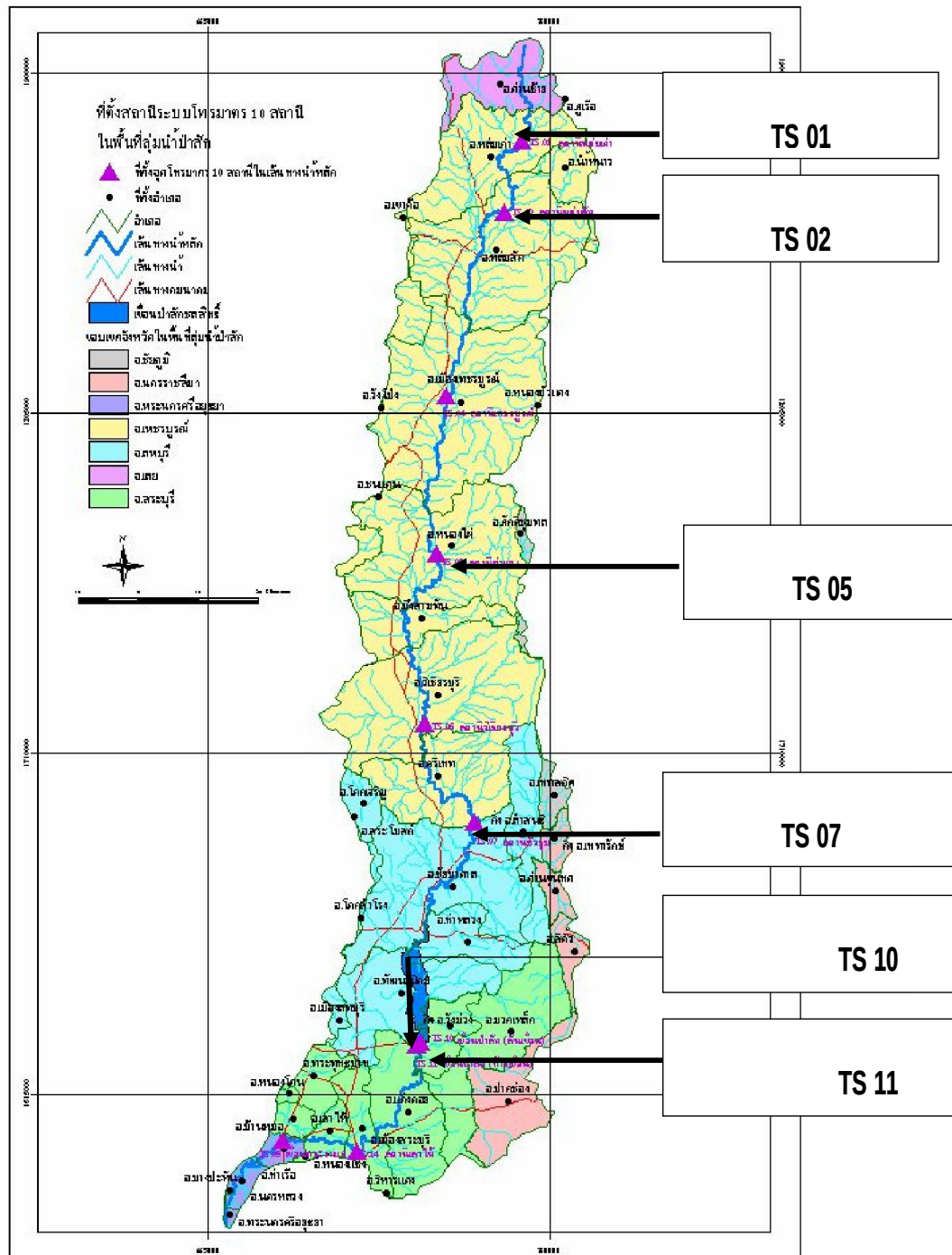
(3.6 3.7)

CPY01

UTM 1734745 620418 351

(3.1)

3.6



3.7

6 (-) (. . 2549)



() (TS01)



() (TS02)



() (TS05)



() (TS07)



() (TS10)



() (TS11)

CPY02
UTM 1705836 621846
308

CPY03
UTM 1677150 622316 263

CPY04
UTM 1644482 613436 210

CPY05
UTM 1613489 656592 177

3.1

(. . 2549)

		UTM	
	()		
CPY01	351	1734745	620418
CPY02	308	1705836	621846
CPY03	263	1677150	622316
CPY04	210	1644482	613436
CPY05	177	1613489	656592

	<u>SKK01</u>			
	UTM 1704042	613438		16
	(3.2)			
	<u>SKK02</u>			
	UTM 1700942	610569		
12				
	<u>SKK03</u>			
	UTM 1699644	612090		9
		3.2		
		(. . 2549)		
			UTM	
		()		
SKK01		16	1704042	613438
SKK02		12	1700942	610569
SKK03		9	1699644	612090

$(\quad, 2548)$

50

TS07
UTM 1688517 735484 224
2,058.58
50.00
32.20 10.64 5.14 1.67 0.24
0.10 (, 2548)

TS10
UTM 1643698 722511
129 3,562.36
62.53
23.12 4.61 4.27 2.62 2.18 0.68 (, 2548)

TS11
UTM 1699022 613574
127 680.12
45.45
28.73 16.90 5.41 3.45 0.06
(, 2548)

3.3

(. . 2549)

		UTM		
		()		
TS01		507	1881154	750951
TS02		475	1862187	745097
TS05		372	1769037	727564
TS07		224	1668517	735484
TS10		129	1643698	722511
TS11		127	1699022	613574
: TS ()		, 2546		

1,000

3

4

1 (ekman grab) (3 – 4)

2548)

4

Nogueira, Sandra

and Sandra (2003) Marvin and Brindle (1990)

(2545)

(acetonitrile, pesticide grade)

(methanol, HPLC grade) (water, HPLC grade)

(dichloromethane, pesticide grade)

(ethyl acetate, pesticide grade)

98.00 99.99

- 18 (solid-phase extraction, SPE cartridge C-

18) (erbmeyer flask) 500 (vacuum tank)

(shaker)

(High Performance

Liquid Chromatograph HPLC) Rheodyne

7125 Constr Metric 4100

Thermo Separation Products Spectro

Monitor 300 Thermo

Membrane Software CHRON-A-DAT-100

BARSPEC SYSTEM

(eluted) SPE

1:1 3

2.5 2.5

3 800 2.5

3 1

3 3

2

7 20

(mesh) 50 500

9:1 200

(shaker) 4

(clean-up) SPE (eluted) 3

3

1 3 3

2 (high performance liquid

chromatograph, HPLC)

Scope (HPLC) Constrametric 4100/Chrom-A-
UV-Vis adsorbance Detector Thermo
Hypersil Gold 5 μ m 250 4.6
- 70 30 1
220 20
(recovery)

(recovery) (spike) (standard
atrazine)

95.97 107.74
70-110

(peak)

$$= \frac{C \times A \times a}{V \times B} \text{ ppb}$$

$$= \frac{C \times A \times a}{W \times B} \text{ ppm}$$

C = ()

A =

B =

a = ()

V = ()

W = ()

ppb = (part per billion)

ppm = (part per million)

analysis) (Pearson correlation) paired t-test
 (regression