

ภาคผนวก ค

ข้อมูลผลการทดลองและผลการคำนวณ

ตาราง ค.1 ผลการตรวจวัดและวิเคราะห์การตกสะสมกรบียง

Sample No.	Date	Amount of sample g	Amount of ppt. mm	pH	EC mS/m	SO <sub>4</sub> <sup>2-</sup> $\mu$ eq/l	NO <sub>3</sub> <sup>-</sup> $\mu$ eq/l	Cl <sup>-</sup> $\mu$ eq/l	HCO <sub>3</sub> <sup>-</sup> $\mu$ eq/l	Anion (A) $\mu$ eq/l	NH <sub>4</sub> <sup>+</sup> $\mu$ eq/l	Na <sup>+</sup> $\mu$ eq/l	K <sup>+</sup> $\mu$ eq/l	Ca <sup>2+</sup> $\mu$ eq/l	Mg <sup>2+</sup> $\mu$ eq/l	Cation (C) $\mu$ eq/l	C+A $\mu$ eq/l	R1 %	R2 %
1	01/04/2546	414.9	6.6	5.92	0.45	7.0	7.7	4.1		18.8	7.5	4.1	0.0	13.6	0.0	25.2	44.0	17.4	-13.8
2	02/04/2546	380.3	5.8	6.14	0.49	5.6	7.5	5.2	7.6	25.9	17.3	5.5	0.0	12.2	0.0	35.0	60.9	15.8	-7.0
3	03/04/2546	4628.2	65.8	5.47	0.46	11.6	11.0	6.4		29.0	12.0	8.6	4.9	23.4	5.4	54.3	83.3	33.1	18.9
4	30/04/2546	557.9	8.8	5.08	0.70	9.0	7.3	14.3		30.6	16.7	16.4	4.2	11.4	10.4	59.1	89.7	37.5	11.6
5	04/05/2546	414.4	6.6	5.69	0.65	8.4	10.0	4.5		22.9	28.7	4.6	0.0	16.6	0.0	49.9	72.8	38.8	-5.9
6	07/05/2546	723.3	10.5	5.94	0.84	13.6	11.9	5.5		31.0	35.3	6.7	0.0	27.6	5.8	75.4	106.4	42.5	-4.6
7	09/05/2546	1035.3	15.6	4.90	0.83	10.8	7.5	24.9		43.2	0.0	27.3	0.0	12.4	11.6	51.3	94.5	19.4	11.4
8	11/05/2546	900.6	14.0	5.73	0.47	5.2	5.5	7.4		18.1	12.6	7.5	0.0	20.8	5.8	46.7	64.8	45.7	2.0
9	23/05/2546	335.9	5.0	6.21	1.60	33.6	27.5	18.4	9.0	88.5	33.4	16.7	0.0	92.4	16.0	158.5	247.0	28.5	1.2
10	24/05/2546	4557.3	68.0	5.57	0.66	15.6	10.1	4.5		30.2	18.2	4.8	0.0	30.2	8.4	61.6	91.8	36.0	3.2
11	06/06/2546	8957.5	134.1	4.79	1.02	20.6	15.0	7.0		42.6	27.3	8.1	0.0	25.0	6.8	67.2	109.8	32.3	13.0
12	09/06/2546	177.9	3.9	5.54	1.73	45.8	30.6	22.4		98.8	67.1	19.3	7.1	36.2	9.0	138.7	237.5	17.7	1.0
13	11/06/2546	763.9	11.8	5.52	0.74	19.4	13.0	10.2		42.6	23.0	7.8	0.0	26.8	5.4	63.0	105.6	21.6	5.7
14	13/06/2546	1930.1	28.3	5.46	0.59	13.4	9.0	6.6		29.0	17.9	4.9	2.3	20.4	0.0	45.5	74.5	25.8	3.9
15	14/06/2546	2555.9	37.1	5.48	0.56	11.6	10.2	5.0		26.8	19.1	3.9	0.0	10.0	0.0	33.0	59.8	15.1	-1.6

តារាង ១.១ (ត្រូវ)

Sample No.	Date	Amount of sample g	Amount of ppt. min	pH	EC mS/m	SO <sub>4</sub> <sup>2-</sup> $\mu$ eq/l	NO <sub>3</sub> <sup>-</sup> $\mu$ eq/l	Cl <sup>-</sup> $\mu$ eq/l	HCO <sub>3</sub> <sup>-</sup> $\mu$ eq/l	Anion (A) $\mu$ eq/l	NH <sub>4</sub> <sup>+</sup> $\mu$ eq/l	Na <sup>+</sup> $\mu$ eq/l	K <sup>+</sup> $\mu$ eq/l	Ca <sup>2+</sup> $\mu$ eq/l	Mg <sup>2+</sup> $\mu$ eq/l	Cation (C) $\mu$ eq/l	C+A $\mu$ eq/l	R1 %	R2 %
16	17/06/2546	176.7	3.0	5.95	0.84	14.2	5.9	10.8		30.9	26.8	8.9	0.0	39.0	7.8	82.5	113.4	46.0	-2.6
17	19/06/2546	2177.4	31.3	5.56	0.43	5.8	9.3	3.3		18.4	7.4	1.8	0.0	16.8	6.2	32.2	50.6	30.8	-0.3
18	22/06/2546	1463.7	19.5	5.37	0.65	17.4	13.4	4.7		35.5	21.2	2.6	0.0	14.0	0.0	37.8	73.3	8.5	2.0
19	25/06/2546	2249.2	30.8	6.50	0.35	6.2	5.5	1.6	17.5	30.8	9.7	0.0	0.0	13.4	0.0	23.1	53.9	-13.5	-1.2
20	28/06/2546	537.2	8.2	6.00	0.76	12.6	13.9	9.3		35.8	23.8	7.1	7.1	29.2	5.6	72.8	108.6	34.8	0.9
21	05/07/2546	1334.5	18.2	6.30	0.55	13.0	8.0	12.5	11.1	44.6	14.9	9.9	0.0	23.6	8.8	57.2	101.8	12.9	9.9
22	09/07/2546	5357.6	80.2	5.39	0.56	11.2	8.9	3.9		24.0	18.1	2.4	0.0	12.6	3.6	36.7	60.7	25.9	0.4
23	12/07/2546	403.2	6.0	5.83	0.64	10.6	7.6	16.1		34.3	25.2	10.5	0.0	17.4	5.8	58.9	93.2	27.5	3.7
24	16/07/2546	5057.4	70.9	5.47	0.58	10.6	8.4	5.5		24.5	22.4	3.8	0.0	17.2	4.4	47.8	72.3	35.3	3.2
25	17/07/2546	710.5	10.2	5.65	0.48	11.2	8.8	10.3		30.3	12.9	6.5	0.0	22.8	4.4	46.6	76.9	23.4	11.0
26	20/07/2546	278.8	4.0	6.22	0.82	11.4	5.7	31.1	9.2	57.4	11.9	27.6	2.9	25.6	8.4	76.4	133.8	14.6	3.3
27	22/07/2546	311.6	5.0	6.20	1.01	14.6	11.0	20.3	8.8	54.7	32.2	18.9	5.0	37.0	10.8	103.9	158.6	31.3	2.3
28	27/07/2546	2340.7	34.1	5.28	1.26	29.8	22.0	9.2		61.0	25.6	7.1	0.0	23.2	0.0	55.9	116.9	0.1	-10.9
29	28/07/2546	1122.8	16.0	5.46	0.70	19.0	13.8	5.0		37.8	20.3	4.1	0.0	13.2	0.0	37.6	75.4	4.1	-2.8
30	29/07/2546	364.4	5.6	5.95	0.67	16.6	14.5	7.8		38.9	29.5	5.6	0.0	23.0	0.0	58.1	97.0	20.7	3.4

ตาราง ท.1 (ต่อ)

Sample No.	Date	Amount of sample g	Amount of ppt. mm	pH	EC mS/m	SO <sub>4</sub> <sup>2-</sup> $\mu$ eq/l	NO <sub>3</sub> <sup>-</sup> $\mu$ eq/l	Cl <sup>-</sup> $\mu$ eq/l	HCO <sub>3</sub> <sup>-</sup> $\mu$ eq/l	Anion (A)		NH <sub>4</sub> <sup>+</sup> $\mu$ eq/l	Na <sup>+</sup> $\mu$ eq/l	K <sup>+</sup> $\mu$ eq/l	Ca <sup>2+</sup> $\mu$ eq/l	Mg <sup>2+</sup> $\mu$ eq/l	Cation (C) $\mu$ eq/l	C+A $\mu$ eq/l	R1	R2
										$\mu$ eq/l	$\mu$ eq/l								%	%
31	01/08/2546	420.9	6.1	6.18	1.22	28.4	22.4	13.0	8.4	72.2	41.4	10.5	5.2	56.2	9.0	122.3	194.5	26.0	4.2	
32	02/08/2546	1002.5	14.7	6.14	0.30	6.2	3.5	7.8	7.6	25.1	10.7	6.7	0.0	14.0	0.0	31.4	56.5	12.2	13.1	
33	04/08/2546	279.9	4.2	6.24	1.26	18.4	8.9	63.6	9.6	100.5	20.4	44.0	0.0	41.4	16.6	122.4	222.9	10.0	7.5	
34	09/08/2546	1321.1	18.0	5.22	0.63	12.8	28.9	7.7		49.4	31.8	8.7	0.0	26.2	0.0	66.7	116.1	19.1	23.3	
35	10/08/2546	552.9	5.6	5.48	1.06	23.6	15.1	9.4		48.1	28.0	10.3	0.0	17.2	0.0	55.5	103.6	10.0	-11.1	
36	11/08/2546	241.0	3.8	5.87	0.76	12.4	8.2	12.5		33.1	11.3	11.5	0.0	27.4	6.8	57.0	90.1	27.6	-8.5	
37	28/08/2546	296.4	4.2	6.55	1.53	28.4	14.5	25.0	19.7	87.6	43.3	22.4	2.5	93.4	4.4	166.0	253.6	31.0	3.9	
38	30/08/2546	430.2	6.6	6.03	0.37	3.2	4.0	3.2	5.9	16.3	9.9	2.7	0.0	16.2	0.0	28.8	45.1	29.1	-7.1	
39	08/09/2546	341.5	4.6	6.36	0.88	13.2	5.0	22.1	12.7	53.0	19.8	19.9	0.0	33.2	0.0	72.9	125.9	16.1	-3.2	
40	14/09/2546	304.5	4.0	6.25	1.24	21.8	6.9	43.7	9.8	82.2	21.6	39.0	0.0	30.8	0.0	91.4	173.6	5.6	-3.2	
41	15/09/2546	854.0	12.2	5.74	0.90	15.6	6.6	34.7		56.9	10.1	34.7	3.2	19.2	2.4	69.6	126.5	11.3	0.0	
42	18/09/2546	3253.7	42.0	5.68	0.37	7.4	3.0	4.4		14.8	9.2	7.2	0.0	12.0	0.0	28.4	43.2	34.6	-1.0	
43	19/09/2546	216.8	3.2	5.76	0.56	10.4	5.7	12.0		28.1	11.8	9.1	4.5	29.2	3.0	57.6	85.7	35.7	6.2	
44	20/09/2546	601.2	9.0	5.86	0.49	7.2	5.6	11.5		24.3	7.0	11.6	0.0	20.2	0.0	38.8	63.1	24.6	-2.4	
45	22/09/2546	546.6	8.4	5.75	0.57	10.0	8.6	7.2		25.8	8.1	11.5	0.0	27.6	0.0	47.2	73.0	31.0	-2.3	

ตาราง ก.1 (ต่อ)

Sample No.	Date	Amount of sample g	Amount of ppt. mm	pH	EC mS/m	SO <sub>4</sub> <sup>2-</sup> µeq/l	NO <sub>3</sub> <sup>-</sup> µeq/l	Cl <sup>-</sup> µeq/l	HCO <sub>3</sub> <sup>-</sup> µeq/l	Anion (A) µeq/l	NH <sub>4</sub> <sup>+</sup> µeq/l	Na <sup>+</sup> µeq/l	K <sup>+</sup> µeq/l	Ca <sup>2+</sup> µeq/l	Mg <sup>2+</sup> µeq/l	Cation (C) µeq/l	C+A µeq/l	R1 %	R2 %
46	27/09/2546	1762.1	24.8	5.85	0.42	8.0	3.7	6.5		18.2	7.7	7.0	0.0	15.8	0.0	30.5	48.7	27.4	-5.6
47	28/09/2546	1327.5	19.3	5.81	0.20	2.6	1.5	2.4		6.5	7.2	3.7	0.0	16.2	0.0	27.1	33.6	63.0	16.5
48	30/09/2546	2298.9	29.6	5.79	0.25	5.4	4.2	4.9		14.5	9.9	3.9	0.0	17.0	0.0	30.8	45.3	38.2	18.4
49	03/10/2546	1354.2	19.2	6.31	0.44	12.8	25.2	9.4	11.3	58.7	20.6	15.3	7.0	46.4	9.4	98.7	157.4	25.6	40.3
50	04/10/2546	3476.4	44.8	5.85	0.24	3.8	3.1	2.9		9.8	10.3	3.3	0.0	16.4	0.0	30.0	39.8	52.4	12.6
51	06/10/2546	2109.2	31.0	5.86	0.24	4.6	2.9	2.9		10.4	9.3	4.6	0.0	16.8	0.0	30.7	41.1	51.0	15.1
52	07/10/2546	611.8	9.2	6.07	0.46	15.8	5.3	5.8	6.5	33.4	15.2	6.5	0.0	14.0	10.6	46.3	79.7	17.1	9.1
53	09/10/2546	1080.1	15.2	6.18	0.41	10.2	6.1	4.4	8.4	29.1	16.2	4.0	0.0	17.4	0.0	37.6	66.7	13.6	6.4
54	10/10/2546	583.2	8.5	6.29	0.44	9.8	6.3	5.9	10.8	32.8	15.3	6.7	0.0	20.4	0.0	42.4	75.2	13.4	6.7
55	12/10/2546	1341.6	18.7	6.08	0.28	5.4	3.6	6.9	6.7	22.6	8.3	10.4	0.0	21.8	0.0	40.5	63.1	29.4	20.4
56	13/10/2546	192.4	3.1	6.60	0.45	7.2	3.1	7.7	22.1	40.1	21.2	7.4	5.2	20.8	0.0	54.6	94.7	15.6	13.9
57	14/10/2546	585.3	8.5	5.72	0.22	3.8	1.9	3.1		8.8	7.4	4.0	0.0	14.8	0.0	26.2	35.0	52.3	15.4
58	15/10/2546	767.3	11.0	5.89	0.37	8.2	3.7	7.6		19.5	4.3	10.4	0.0	24.8	0.0	39.5	59.0	35.3	6.6
59	17/10/2546	1470.0	20.6	5.76	0.24	4.0	1.7	3.2		8.9	7.8	4.4	0.0	17.6	0.0	29.8	38.7	56.0	13.6
60	19/10/2546	979.0	14.8	5.86	0.25	5.4	2.4	2.4		10.2	11.7	4.5	0.0	17.0	0.0	33.2	43.4	54.4	15.6

តារាង ៧.១ (ត្រ)

Sample No.	Date	Amount of sample g	Amount of ppt. mm	pH	EC mS/m	SO <sub>4</sub> <sup>2-</sup> $\mu$ eq/l	NO <sub>3</sub> <sup>-</sup> $\mu$ eq/l	Cl <sup>-</sup> $\mu$ eq/l	HCO <sub>3</sub> <sup>-</sup> $\mu$ eq/l	Anion (A) $\mu$ eq/l	NH <sub>4</sub> <sup>+</sup> $\mu$ eq/l	Na <sup>+</sup> $\mu$ eq/l	K <sup>+</sup> $\mu$ eq/l	Ca <sup>2+</sup> $\mu$ eq/l	Mg <sup>2+</sup> $\mu$ eq/l	Cation (C) $\mu$ eq/l	C+A $\mu$ eq/l	R1 %	R2 %
61	20/10/2546	3448.0	50.5	5.72	0.14	2.2	0.8	0.7		3.7	4.3	0.0	0.0	4.4	0.0	8.7	12.4	48.3	4.9
62	23/10/2546	279.7	4.0	5.28	0.75	26.8	10.6	5.8		43.2	23.0	6.3	0.0	25.4	0.0	54.7	97.9	16.2	7.3
63	27/10/2546	2205.2	32.2	5.19	0.57	12.8	4.1	15.3		32.2	8.6	13.6	0.0	12.4	0.0	34.6	66.8	12.1	8.8
64	29/10/2546	4147.2	61.9	5.57	0.35	6.2	1.5	12.1		19.8	4.3	11.5	0.0	7.6	6.0	29.4	49.2	23.7	7.9
65	30/10/2546	283.1	4.4	5.82	0.57	7.8	2.7	25.7		36.2	6.7	23.0	0.0	9.0	10.2	48.9	85.1	16.4	3.3
66	01/11/2546	282.7	4.2	5.62	1.57	32.8	7.3	70.4		110.5	19.8	67.9	3.7	14.2	16.6	122.2	232.7	6.0	1.8
67	02/11/2546	3675.2	54.0	5.61	0.34	4.6	1.1	11.0		16.7	2.6	10.2	0.0	6.8	0.0	19.6	36.3	13.8	-1.9
68	03/11/2546	586.3	9.1	6.00	0.13	0.4	0.3	1.5		2.2	4.4	5.3	0.0	18.4	0.0	28.1	30.3	85.9	26.2
69	09/11/2546	1068.1	15.8	5.35	0.42	13.6	2.5	2.5		18.6	14.0	4.0	0.0	8.0	0.0	26.0	44.6	24.2	5.7
70	11/11/2546	931.6	13.8	5.52	0.49	9.0	4.9	12.1		26.0	7.2	13.7	0.0	14.0	0.0	34.9	60.9	18.6	1.6
71	12/11/2546	2396.4	35.6	5.86	0.23	2.8	0.8	5.0		8.6	5.6	6.1	0.0	17.4	0.0	29.1	37.7	56.0	12.5
72	13/11/2546	403.8	7.2	5.90	0.37	5.8	2.2	9.3		17.3	8.8	8.8	0.0	12.4	0.0	30.0	47.3	28.7	-1.8
73	14/11/2546	902.1	14.0	5.89	0.20	1.8	1.9	2.5		6.2	3.0	4.1	0.0	8.2	0.0	15.3	21.5	45.6	-4.7
74	22/11/2546	848.6	12.8	5.73	0.25	2.8	1.1	7.4		11.3	3.7	7.9	0.0	10.8	0.0	22.4	33.7	36.4	6.4
75	23/11/2546	4267.0	64.7	5.85	0.21	2.6	0.5	5.7		8.8	4.6	8.9	0.0	6.2	0.0	19.7	28.5	41.2	5.4

ตาราง ค.1 (ต่อ)

Sample No.	Date	Amount of sample g	Amount of ppt. mm	pH	EC mS/m	SO <sub>4</sub> <sup>2-</sup> µeq/l	NO <sub>3</sub> <sup>-</sup> µeq/l	Cl <sup>-</sup> µeq/l	HCO <sub>3</sub> <sup>-</sup> µeq/l	Anion (A) µeq/l	NH <sub>4</sub> <sup>+</sup> µeq/l	Na <sup>+</sup> µeq/l	K <sup>+</sup> µeq/l	Ca <sup>2+</sup> µeq/l	Mg <sup>2+</sup> µeq/l	Cation (C) µeq/l	C+A µeq/l	R1 %	R2 %
76	24/11/2546	309.7	5.0	6.07	0.45	7.4	2.2	12.7	6.5	28.8	12.7	12.9	0.0	19.6	0.0	45.2	74.0	23.0	6.1
77	25/11/2546	1811.1	25.0	5.77	0.27	4.6	1.1	6.7		12.4	3.2	8.9	0.0	10.0	0.0	22.1	34.5	31.5	2.4
78	26/11/2546	358.2	5.7	5.65	0.76	10.0	4.5	35.5		50.0	6.1	26.4	6.0	12.6	0.0	51.1	101.1	3.2	-0.3
79	30/11/2546	3739.0	54.0	5.58	0.33	8.8	0.6	6.4		15.8	0.9	6.1	0.0	11.6	0.0	18.6	34.4	14.7	-0.6
80	01/12/2546	776.2	12.0	4.89	2.17	57.8	14.9	76.4		149.1	36.1	71.6	9.7	12.4	11.6	141.4	290.5	1.7	5.7
81	02/12/2546	418.0	6.2	4.73	1.79	53.8	11.1	50.4		115.3	26.0	45.6	3.3	8.2	12.6	95.7	211.0	-0.4	8.1
82	03/12/2546	323.9	4.2	4.93	2.05	54.4	9.5	94.0		157.9	21.0	84.0	10.1	21.4	14.8	151.3	309.2	1.6	9.6
83	05/12/2546	809.7	14.2	5.44	0.84	10.8	3.0	40.2		54.0	5.3	39.0	3.8	13.6	7.6	69.3	123.3	14.9	4.9
84	06/12/2546	366.8	5.4	5.11	2.20	38.0	15.3	130.1		183.4	16.5	117.2	8.5	13.6	22.8	178.6	362.0	0.8	9.3
85	07/12/2546	666.4	10.1	5.34	1.52	24.4	11.0	71.7		107.1	17.4	69.5	3.6	22.2	15.0	127.7	234.8	10.5	5.5
86	08/12/2546	894.0	13.2	5.55	0.77	12.6	6.4	32.2		51.2	8.5	31.7	0.0	19.4	0.0	59.6	110.8	9.9	3.9
87	09/12/2546	19497.6	288.0	5.80	0.26	4.0	1.2	11.0		16.2	4.3	12.9	0.0	18.2	0.0	35.4	51.6	39.1	19.6
88	10/12/2546	504.5	8.1	6.05	0.15	4.8	2.0	7.6	6.2	20.6	8.4	7.0	0.0	18.6	0.0	34.0	54.6	25.7	43.4
89	12/12/2546	1068.2	15.5	5.43	0.92	18.0	4.8	49.6		72.4	6.6	47.1	8.6	17.6	6.0	85.9	158.3	10.6	11.9
90	13/12/2546	310.2	4.7	4.73	2.49	57.0	19.0	104.8		180.8	27.2	96.6	10.0	17.6	17.6	169.0	349.8	1.9	9.3

ตาราง ร.1 (ต่อ)

Sample No.	Date	Amount of sample g	Amount of ppt. mm	pH	EC mS/m	SO <sub>4</sub> <sup>2-</sup> $\mu$ eq/l	NO <sub>3</sub> <sup>-</sup> $\mu$ eq/l	Cl <sup>-</sup> $\mu$ eq/l	HCO <sub>3</sub> <sup>-</sup> $\mu$ eq/l	Anion (A) $\mu$ eq/l	NH <sub>4</sub> <sup>+</sup> $\mu$ eq/l	Na <sup>+</sup> $\mu$ eq/l	K <sup>+</sup> $\mu$ eq/l	Ca <sup>2+</sup> $\mu$ eq/l	Mg <sup>2+</sup> $\mu$ eq/l	Cation (C) $\mu$ eq/l	C+A $\mu$ eq/l	R1 %	R2 %
91	14/12/2546	1386.9	21.0	5.39	0.52	10.2	4.8	17.0		32.0	7.9	19.7	0.0	16.0	0.0	43.6	75.6	19.7	10.0
92	15/12/2546	61.9	0.9	5.34	3.40	80.8	35.7	199.6		316.1	61.7	222.8	62.9	79.6	42.6	469.6	785.7	20.0	22.0
93	20/12/2546	2090.7	28.8	5.04	1.18	30.0	7.9	54.3		92.2	95.9	254.3	14.8	40.2	50.4	455.6	547.8	66.9	51.0
94	22/12/2546	110.1	1.4	3.95	8.89	179.2	66.4	268.8		514.4	18.1	546.3	12.3	42.0	37.2	655.9	1170.3	19.8	11.9
95	27/12/2546	478.6	7.0	4.74	2.71	47.2	13.3	150.7		211.2	27.4	150.9	11.2	17.2	30.6	237.3	448.5	9.5	13.6
96	29/12/2546	254.5	4.0	5.02	1.85	32.2	8.2	109.3		149.7	6.9	97.7	9.7	21.4	23.4	159.1	308.8	6.0	11.9
97	08/01/2547	206.8	2.7	5.26	2.17	36.2	14.6	118.6		169.4	19.7	133.6	7.3	25.6	40.8	227.0	396.4	15.7	11.4
98	09/01/2547	1415.9	20.4	5.20	1.63	26.8	9.2	95.9		131.9	12.2	113.0	0.0	15.2	34.0	174.4	306.3	15.6	14.0
99	12/01/2547	305.9	4.4	4.92	2.36	41.0	19.0	154.0		214.0	15.2	173.4	0.0	22.2	30.6	241.4	455.4	8.4	17.1
100	22/01/2547	144.9	2.3	4.72	5.34	69.8	29.8	308.2		407.8	19.1	321.2	9.6	35.8	70.8	456.5	864.3	7.7	7.5
101	28/01/2547	68.4	1.0	5.07	4.30	66.0	24.9	245.1		336.0	31.5	253.5	6.0	35.2	62.4	388.6	724.6	8.3	7.2
102	31/01/2547	515.2	7.6	4.98	1.38	37.0	18.3	64.2		119.5	19.4	76.6	0.0	29.6	24.0	149.6	269.1	14.5	21.0
103	02/02/2547	693.8	10.3	5.67	0.41	10.4	11.3	13.3		35.0	15.6	15.2	0.0	22.0	10.0	62.8	97.8	30.0	27.2
104	06/02/2547	1245.6	18.3	5.29	1.00	22.2	37.0	37.0		96.2	29.6	44.9	0.0	32.6	14.8	121.9	218.1	13.8	23.8
105	08/03/2547	1663.7	24.4	4.71	2.52	27.2	17.5	116.8		161.5	20.8	119.1	12.6	47.8	27.8	228.1	389.6	21.0	11.8





ตาราง ค.2 ผลการคำนวณค่าฟลักซ์การตกสะสมกรดย่อย

Sample No.	Date	SO <sub>4</sub> <sup>2-</sup> μmol/m <sup>2</sup> .d	NO <sub>3</sub> <sup>-</sup> μmol/m <sup>2</sup> .d	Cl <sup>-</sup> μmol/m <sup>2</sup> .d	Anion μmol/m <sup>2</sup> .d	NH <sub>4</sub> <sup>+</sup> μmol/m <sup>2</sup> .d	Na <sup>+</sup> μmol/m <sup>2</sup> .d	K <sup>+</sup> μmol/m <sup>2</sup> .d	Ca <sup>2+</sup> μmol/m <sup>2</sup> .d	Mg <sup>2+</sup> μmol/m <sup>2</sup> .d	H <sup>+</sup> μmol/m <sup>2</sup> .d	Cation μmol/m <sup>2</sup> .d
1	01/04/2546	22.0	49.0	26.0	96.9	47.9	26.4	0.0	43.6	0.0	7.7	125.5
2	02/04/2546	16.6	43.6	30.5	90.7	101.2	32.4	0.0	35.4	0.0	4.2	173.3
3	03/04/2546	410.1	784.2	453.5	1647.9	852.6	613.9	347.4	830.6	190.5	240.7	3075.8
4	30/04/2546	38.7	62.1	122.9	223.7	142.7	140.5	35.7	48.8	44.5	71.2	483.3
5	04/05/2546	27.0	63.3	28.5	118.8	182.4	29.4	0.0	52.7	0.0	13.0	277.5
6	07/05/2546	75.1	131.9	61.4	268.4	392.5	74.4	0.0	153.5	32.5	12.7	665.7
7	09/05/2546	85.1	119.6	396.2	600.9	0.0	434.1	0.0	98.9	91.7	200.1	824.8
8	11/05/2546	35.9	76.7	101.8	214.3	174.3	103.3	0.0	143.6	40.3	25.7	487.3
9	23/05/2546	86.6	141.9	94.9	323.5	172.4	86.2	0.0	238.2	41.0	3.2	541.1
10	24/05/2546	542.7	708.3	317.3	1568.3	1273.9	335.6	0.0	1053.2	291.5	188.7	3142.9
11	06/06/2546	1421.3	2066.3	961.4	4449.0	3750.8	1109.5	0.0	1722.6	473.4	2230.0	9286.3
12	09/06/2546	62.7	83.6	61.2	207.5	183.2	52.8	19.3	49.4	12.3	7.9	324.9
13	11/06/2546	114.1	152.5	119.5	386.1	269.4	91.2	0.0	157.3	32.2	35.4	585.5
14	13/06/2546	197.3	265.7	195.4	658.4	531.8	143.9	67.1	303.3	0.0	102.7	1148.8
15	14/06/2546	226.6	399.3	197.3	823.2	747.5	151.2	0.0	197.7	0.0	129.9	1226.4

ตาราง ก.2 (ต่อ)

Sample No.	Date	SO <sub>4</sub> <sup>2-</sup> μmol/m <sup>2</sup> .d	NO <sub>3</sub> <sup>-</sup> μmol/m <sup>2</sup> .d	Cl <sup>-</sup> μmol/m <sup>2</sup> .d	Anion μmol/m <sup>2</sup> .d	NH <sub>4</sub> <sup>+</sup> μmol/m <sup>2</sup> .d	Na <sup>+</sup> μmol/m <sup>2</sup> .d	K <sup>+</sup> μmol/m <sup>2</sup> .d	Ca <sup>2+</sup> μmol/m <sup>2</sup> .d	Mg <sup>2+</sup> μmol/m <sup>2</sup> .d	H <sup>+</sup> μmol/m <sup>2</sup> .d	Cation μmol/m <sup>2</sup> .d
16	17/06/2546	19.2	16.0	29.4	64.6	72.8	24.1	0.0	52.8	10.6	3.0	163.3
17	19/06/2546	98.1	312.0	109.6	519.6	247.3	61.2	0.0	280.0	103.7	92.1	784.3
18	22/06/2546	195.1	301.4	105.7	602.2	475.6	57.5	0.0	157.9	0.0	95.8	786.8
19	25/06/2546	106.3	191.0	54.6	351.9	335.6	0.0	0.0	232.2	0.0	10.9	578.7
20	28/06/2546	52.0	114.4	76.5	243.0	196.0	58.4	58.9	120.5	23.4	8.2	465.5
21	05/07/2546	133.2	163.9	256.1	553.1	305.2	202.8	0.0	241.7	90.1	10.3	850.2
22	09/07/2546	460.6	732.0	320.7	1513.3	1488.6	197.4	0.0	518.1	148.0	335.0	2687.2
23	12/07/2546	32.8	47.0	99.6	179.5	156.0	65.0	0.0	53.8	17.9	9.2	301.9
24	16/07/2546	411.5	652.1	427.0	1490.6	1739.0	295.0	0.0	667.7	170.8	263.1	3135.5
25	17/07/2546	61.1	96.0	112.3	269.4	140.7	70.9	0.0	124.3	24.0	24.4	384.3
26	20/07/2546	24.4	24.4	133.1	181.9	50.9	118.1	12.4	54.8	18.0	2.6	256.7
27	22/07/2546	34.9	52.6	97.1	184.6	154.0	90.4	23.9	88.5	25.8	3.0	385.7
28	27/07/2546	535.4	790.5	330.6	1656.4	919.8	255.1	0.0	416.8	0.0	188.6	1780.3
29	28/07/2546	163.7	237.8	86.2	487.8	349.9	70.7	0.0	113.8	0.0	59.8	594.1
30	29/07/2546	46.4	81.1	43.6	171.2	165.0	31.3	0.0	64.3	0.0	6.3	266.9

Sample No.	Date	SO <sub>4</sub> <sup>2-</sup> μmol/m <sup>2</sup> .d	NO <sub>3</sub> <sup>-</sup> μmol/m <sup>2</sup> .d	Cl <sup>-</sup> μmol/m <sup>2</sup> .d	Anion μmol/m <sup>2</sup> .d	NH <sub>4</sub> <sup>+</sup> μmol/m <sup>2</sup> .d	Na <sup>+</sup> μmol/m <sup>2</sup> .d	K <sup>+</sup> μmol/m <sup>2</sup> .d	Ca <sup>2+</sup> μmol/m <sup>2</sup> .d	Mg <sup>2+</sup> μmol/m <sup>2</sup> .d	H <sup>+</sup> μmol/m <sup>2</sup> .d	Cation μmol/m <sup>2</sup> .d
31	01/08/2546	91.7	144.7	84.0	320.5	267.5	67.8	33.6	181.6	29.1	4.3	583.8
32	02/08/2546	47.7	53.9	120.0	221.6	164.7	103.1	0.0	107.7	0.0	11.1	386.6
33	04/08/2546	39.5	38.2	273.3	351.0	87.7	189.1	0.0	88.9	35.7	2.5	403.8
34	09/08/2546	129.8	586.1	156.2	872.0	644.9	176.4	0.0	265.7	0.0	122.2	1209.2
35	10/08/2546	100.1	128.2	79.8	308.1	237.6	87.4	0.0	73.0	0.0	28.1	426.1
36	11/08/2546	22.9	30.3	46.2	99.5	41.8	42.5	0.0	50.7	12.6	5.0	152.6
37	28/08/2546	64.6	66.0	113.7	244.3	197.0	101.9	11.4	212.5	10.0	1.3	534.1
38	30/08/2546	10.6	26.4	21.1	58.1	65.4	17.8	0.0	53.5	0.0	6.2	142.9
39	08/09/2546	34.6	26.2	115.9	176.7	103.8	104.3	0.0	87.0	0.0	2.3	297.4
40	14/09/2546	50.9	32.3	204.3	287.5	101.0	182.3	0.0	72.0	0.0	2.6	357.9
41	15/09/2546	102.3	86.5	454.9	643.7	132.4	454.9	41.9	125.8	15.7	23.9	794.7
42	18/09/2546	184.8	149.8	219.8	554.4	459.5	359.6	0.0	299.7	0.0	104.4	1223.1
43	19/09/2546	17.3	19.0	39.9	76.2	39.3	30.3	15.0	48.6	5.0	5.8	143.9
44	20/09/2546	33.2	51.7	106.1	191.0	64.6	107.1	0.0	93.2	0.0	12.7	277.6
45	22/09/2546	41.9	72.2	60.4	174.5	68.0	96.5	0.0	115.8	0.0	14.9	295.1

Sample No.	Date	SO <sub>4</sub> <sup>2-</sup> μmol/m <sup>2</sup> .d	NO <sub>3</sub> <sup>-</sup> μmol/m <sup>2</sup> .d	Cl <sup>-</sup> μmol/m <sup>2</sup> .d	Anion μmol/m <sup>2</sup> .d	NH <sub>4</sub> <sup>+</sup> μmol/m <sup>2</sup> .d	Na <sup>+</sup> μmol/m <sup>2</sup> .d	K <sup>+</sup> μmol/m <sup>2</sup> .d	Ca <sup>2+</sup> μmol/m <sup>2</sup> .d	Mg <sup>2+</sup> μmol/m <sup>2</sup> .d	H <sup>+</sup> μmol/m <sup>2</sup> .d	Cation μmol/m <sup>2</sup> .d
46	27/09/2546	108.2	100.1	175.8	384.1	208.3	189.3	0.0	213.7	0.0	38.2	649.5
47	28/09/2546	26.5	30.6	48.9	106.0	146.7	75.4	0.0	165.1	0.0	31.6	418.7
48	30/09/2546	95.3	148.2	172.9	416.4	349.4	137.6	0.0	300.0	0.0	57.2	844.2
49	03/10/2546	133.0	523.8	195.4	852.3	428.2	318.0	145.5	482.3	97.7	10.2	1481.9
50	04/10/2546	101.4	165.4	154.8	421.6	549.7	176.1	0.0	437.6	0.0	75.4	1238.7
51	06/10/2546	74.5	93.9	93.9	262.3	301.1	148.9	0.0	272.0	0.0	44.7	766.7
52	07/10/2546	74.2	49.8	54.5	178.4	142.8	61.0	0.0	65.7	49.8	8.0	327.3
53	09/10/2546	84.6	101.1	73.0	258.7	268.6	66.3	0.0	144.3	0.0	11.0	490.1
54	10/10/2546	43.9	56.4	52.8	153.1	137.0	60.0	0.0	91.3	0.0	4.6	292.9
55	12/10/2546	55.6	74.1	142.1	271.8	170.9	214.2	0.0	224.5	0.0	17.1	626.7
56	13/10/2546	10.6	9.2	22.7	42.5	62.6	21.9	15.4	30.7	0.0	0.7	131.3
57	14/10/2546	17.1	17.1	27.9	62.0	66.5	35.9	0.0	66.5	0.0	17.1	186.0
58	15/10/2546	48.3	43.6	89.5	181.4	50.6	122.5	0.0	146.0	0.0	15.2	334.4
59	17/10/2546	45.1	38.4	72.2	155.7	176.0	99.3	0.0	198.6	0.0	39.2	513.1
60	19/10/2546	40.6	36.1	36.1	112.7	175.8	67.6	0.0	127.7	0.0	20.7	391.9

Sample No.	Date	SO <sub>4</sub> <sup>2-</sup> μmol/m <sup>2</sup> .d	NO <sub>3</sub> <sup>-</sup> μmol/m <sup>2</sup> .d	Cl <sup>-</sup> μmol/m <sup>2</sup> .d	Anion μmol/m <sup>2</sup> .d	NH <sub>4</sub> <sup>+</sup> μmol/m <sup>2</sup> .d	Na <sup>+</sup> μmol/m <sup>2</sup> .d	K <sup>+</sup> μmol/m <sup>2</sup> .d	Ca <sup>2+</sup> μmol/m <sup>2</sup> .d	Mg <sup>2+</sup> μmol/m <sup>2</sup> .d	H <sup>+</sup> μmol/m <sup>2</sup> .d	Cation μmol/m <sup>2</sup> .d
61	20/10/2546	58.2	42.3	37.1	137.6	227.6	0.0	0.0	116.4	0.0	100.9	444.9
62	23/10/2546	57.5	45.5	24.9	127.9	98.7	27.0	0.0	54.5	0.0	22.5	202.8
63	27/10/2546	216.6	138.8	517.9	873.4	291.1	460.4	0.0	209.9	0.0	218.6	1179.9
64	29/10/2546	197.4	95.5	770.3	1063.1	273.7	732.1	0.0	241.9	191.0	171.3	1610.1
65	30/10/2546	16.9	11.7	111.7	140.4	29.1	99.9	0.0	19.6	22.2	6.6	177.4
66	01/11/2546	71.2	31.7	305.5	408.4	85.9	294.7	16.1	30.8	36.0	10.4	473.9
67	02/11/2546	129.8	62.1	620.6	812.4	146.7	575.5	0.0	191.8	0.0	138.5	1052.4
68	03/11/2546	1.8	2.7	13.5	18.0	39.6	47.7	0.0	82.8	0.0	9.0	179.1
69	09/11/2546	111.5	41.0	41.0	193.5	229.5	65.6	0.0	65.6	0.0	73.2	434.0
70	11/11/2546	64.3	70.1	173.0	307.4	103.0	195.9	0.0	100.1	0.0	43.2	442.2
71	12/11/2546	51.5	29.4	183.9	264.9	206.0	224.4	0.0	320.0	0.0	50.8	801.2
72	13/11/2546	18.0	13.6	57.6	89.3	54.5	54.5	0.0	38.4	0.0	7.8	155.3
73	14/11/2546	12.5	26.3	34.6	73.4	41.5	56.8	0.0	56.8	0.0	17.8	172.9
74	22/11/2546	18.2	14.3	96.4	129.0	48.2	102.9	0.0	70.3	0.0	24.3	245.7
75	23/11/2546	85.2	32.8	373.4	491.3	301.3	583.0	0.0	203.1	0.0	92.5	1179.8

Sample No.	Date	SO <sub>4</sub> <sup>2-</sup> μmol/m <sup>2</sup> .d	NO <sub>3</sub> <sup>-</sup> μmol/m <sup>2</sup> .d	Cl <sup>-</sup> μmol/m <sup>2</sup> .d	Anion μmol/m <sup>2</sup> .d	NH <sub>4</sub> <sup>+</sup> μmol/m <sup>2</sup> .d	Na <sup>+</sup> μmol/m <sup>2</sup> .d	K <sup>+</sup> μmol/m <sup>2</sup> .d	Ca <sup>2+</sup> μmol/m <sup>2</sup> .d	Mg <sup>2+</sup> μmol/m <sup>2</sup> .d	H <sup>+</sup> μmol/m <sup>2</sup> .d	Cation μmol/m <sup>2</sup> .d
76	24/11/2546	17.6	10.5	60.4	88.4	60.4	61.3	0.0	46.6	0.0	4.0	172.4
77	25/11/2546	63.9	30.6	186.3	280.8	89.0	247.4	0.0	139.0	0.0	47.2	522.6
78	26/11/2546	27.5	24.7	195.2	247.4	33.5	145.2	33.0	34.6	0.0	12.3	258.6
79	30/11/2546	252.5	34.4	367.3	654.3	51.7	350.1	0.0	332.9	0.0	151.0	885.6
80	01/12/2546	344.3	177.5	910.3	1432.2	430.1	853.1	115.6	73.9	69.1	153.5	1695.3
81	02/12/2546	172.6	71.2	323.4	567.2	166.8	292.6	21.2	26.3	40.4	119.5	666.8
82	03/12/2546	135.2	47.2	467.3	649.7	104.4	417.6	50.2	53.2	36.8	58.4	720.6
83	05/12/2546	67.1	37.3	499.7	604.1	65.9	484.8	47.2	84.5	47.2	45.1	774.8
84	06/12/2546	107.0	86.1	732.5	925.7	92.9	659.9	47.9	38.3	64.2	43.7	946.9
85	07/12/2546	124.8	112.5	733.4	970.7	178.0	710.9	36.8	113.5	76.7	46.8	1162.7
86	08/12/2546	86.5	87.8	441.9	616.2	116.6	435.0	0.0	133.1	0.0	38.7	723.5
87	09/12/2546	598.6	359.2	3292.3	4250.1	1287.0	3861.0	0.0	2723.6	0.0	474.4	8345.9
88	10/12/2546	18.6	15.5	58.9	92.9	65.1	54.2	0.0	72.0	0.0	6.9	198.2
89	12/12/2546	147.6	78.7	813.3	1039.6	108.2	772.3	141.0	144.3	49.2	60.9	1276.0
90	13/12/2546	135.7	90.5	499.0	725.1	129.5	459.9	47.6	41.9	41.9	88.7	809.5

ตาราง ก.2 (ต่อ)

Sample No.	Date	SO <sub>4</sub> <sup>2-</sup> μmol/m <sup>2</sup> .d	NO <sub>3</sub> <sup>-</sup> μmol/m <sup>2</sup> .d	Cl <sup>-</sup> μmol/m <sup>2</sup> .d	Anion μmol/m <sup>2</sup> .d	NH <sub>4</sub> <sup>+</sup> μmol/m <sup>2</sup> .d	Na <sup>+</sup> μmol/m <sup>2</sup> .d	K <sup>+</sup> μmol/m <sup>2</sup> .d	Ca <sup>2+</sup> μmol/m <sup>2</sup> .d	Mg <sup>2+</sup> μmol/m <sup>2</sup> .d	H <sup>+</sup> μmol/m <sup>2</sup> .d	Cation μmol/m <sup>2</sup> .d
91	14/12/2546	108.6	102.2	361.9	572.7	168.2	419.4	0.0	170.3	0.0	86.7	844.6
92	15/12/2546	38.4	33.9	189.7	262.0	58.6	211.7	59.8	37.8	20.2	4.3	392.5
93	20/12/2546	481.4	253.5	1742.7	2477.6	3077.8	8161.4	475.0	645.1	808.8	292.7	13460.7
94	22/12/2546	151.5	112.2	454.4	718.1	30.6	923.5	20.8	35.5	31.4	189.7	1231.5
95	27/12/2546	173.4	97.7	1107.2	1378.3	201.3	1108.6	82.3	63.2	112.4	133.7	1701.5
96	29/12/2546	62.9	32.0	427.0	521.9	27.0	381.7	37.9	41.8	45.7	37.3	571.4
97	08/01/2547	57.4	46.3	376.4	480.2	62.5	424.0	23.2	40.6	64.7	17.4	632.5
98	09/01/2547	291.2	200.0	2084.4	2575.6	265.2	2456.0	0.0	165.2	369.5	137.1	3393.0
99	12/01/2547	96.3	89.2	723.2	908.7	71.4	814.3	0.0	52.1	71.9	56.5	1066.1
100	22/01/2547	77.6	66.3	685.6	829.6	42.5	714.5	21.4	39.8	78.8	42.4	939.4
101	28/01/2547	34.6	26.1	257.3	318.1	33.1	266.1	6.3	18.5	32.8	8.9	365.7
102	31/01/2547	146.3	144.7	507.8	798.8	153.4	605.8	0.0	117.1	94.9	82.8	1054.1
103	02/02/2547	55.4	120.4	141.7	317.4	166.2	161.9	0.0	117.2	53.3	22.8	521.2
104	06/02/2547	212.2	707.5	707.5	1627.2	566.0	858.5	0.0	311.7	141.5	98.1	1975.7
105	08/03/2547	347.3	446.9	2982.9	3777.2	531.2	3041.7	321.8	610.4	355.0	498.0	5358.0



Sample No.	Date	SO <sub>4</sub> <sup>2-</sup> μmol/m <sup>2</sup> .d	NO <sub>3</sub> <sup>-</sup> μmol/m <sup>2</sup> .d	Cl <sup>-</sup> μmol/m <sup>2</sup> .d	Anion μmol/m <sup>2</sup> .d	NH <sub>4</sub> <sup>+</sup> μmol/m <sup>2</sup> .d	Na <sup>+</sup> μmol/m <sup>2</sup> .d	K <sup>+</sup> μmol/m <sup>2</sup> .d	Ca <sup>2+</sup> μmol/m <sup>2</sup> .d	Mg <sup>2+</sup> μmol/m <sup>2</sup> .d	H <sup>+</sup> μmol/m <sup>2</sup> .d	Cation μmol/m <sup>2</sup> .d
106	09/03/2547	100.1	240.2	1193.4	1533.7	303.4	1320.5	57.1	89.5	115.7	33.2	1919.3
107	17/03/2547	152.6	244.9	374.4	771.9	480.9	516.4	129.5	392.2	124.2	46.7	1689.9
108	18/03/2547	27.9	61.8	86.0	175.7	119.9	111.2	55.1	126.7	29.8	6.1	448.8
109	22/03/2547	16.7	35.5	34.9	87.1	57.9	45.2	10.0	38.8	10.6	1.4	164.0
110	23/03/2547	116.5	172.5	124.1	413.2	313.3	160.4	0.0	299.7	0.0	102.3	875.7
<b>Max</b>	<b>12 months</b>	1421.3	2066.3	3292.3	4449.0	3750.8	8161.4	475.0	2723.6	808.8	2230.0	13460.7
<b>Min</b>	<b>12 months</b>	1.8	2.7	13.5	18.0	0	0	0	18.5	0	0.7	125.5
<b>Total</b>	<b>12 months</b>	13825.6	17115.2	36462.9	67403.8	33414.2	44966.8	2684.1	22430.3	5373.8	9360.1	118229.4

ตาราง ค.3 ผลการตรวจวัดและวิเคราะห์การตกตะกอนทั้งหมด

No.		Sampling period				Flow		F0																
		Start		End		Avg. Temp.	Air Vol. (meas.)	Air Vol. (calc.)	SO <sub>4</sub> <sup>2-</sup>	NO <sub>3</sub> <sup>-</sup>	Cl <sup>-</sup>	NH <sub>4</sub> <sup>+</sup>	Na <sup>+</sup>	K <sup>+</sup>	Mg <sup>2+</sup>	Ca <sup>2+</sup>								
Date	Time	Date	Time	(°C)	(m <sup>3</sup> )	(m <sup>3</sup> )	Samp.	Bla.	Samp.	Bla.	Samp.	Bla.	Samp.	Bla.	Samp.	Bla.								
1	23/04/2546	9.00	30/04/2546	9.00	5.70	5.61	0.0000	0.00	0.2865	0.08	0.1394	0.11	0.0000	0.00	0.1942	0.17	0.0000	0.00	0.0000	0.00	0.1810	0.17		
2	22/05/2546	9.40	29/05/2546	9.40	9.29	9.16	0.0000	0.00	0.0739	0.06	0.1010	0.09	0.0000	0.00	0.1840	0.17	0.0000	0.00	0.0000	0.00	0.0000	0.00		
3	23/06/2546	8.40	30/06/2546	8.40	10.01	9.87	0.0590	0.04	0.1455	0.11	0.0263	0.02	0.1170	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.1752	0.13		
4	18/07/2546	8.50	25/07/2546	8.50	10.03	9.91	0.0000	0.00	0.2025	0.14	0.0333	0.02	0.1556	0.00	0.0000	0.00	0.0000	0.00	0.4975	0.00	0.0000	0.00	0.1904	0.00
5	11/08/2546	8.40	18/08/2546	8.40	10.00	9.87	0.1556	0.15	0.0593	0.05	0.0220	0.02	0.0684	0.00	0.0923	0.00	0.0000	0.00	0.0000	0.00	0.0078	0.00	0.1477	0.00
6	12/09/2546	9.40	19/09/2546	9.40	10.24	10.11	0.1748	0.00	0.0127	0.00	0.0098	0.00	0.1175	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00
7	15/10/2546	9.45	22/10/2546	9.45	9.93	9.84	1.0736	0.08	0.1333	0.00	0.1456	0.06	0.1351	0.00	0.1386	0.06	0.3834	0.00	0.0000	0.00	0.0000	0.00	0.2230	0.07
8	22/11/2546	9.30	29/11/2546	9.30	10.04	9.96	0.1993	0.10	0.0000	0.00	0.1860	0.03	0.1132	0.02	0.1991	0.05	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.4084	0.20
9	23/12/2546	10.10	30/12/2546	10.10	10.19	10.14	0.2916	0.04	0.1310	0.00	0.2115	0.03	0.2208	0.02	0.1885	0.03	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.2189	0.18
10	22/01/2547	10.10	29/2/2547	10.10	10.06	9.97	0.0984	0.00	0.9273	0.02	2.6764	0.00	0.3409	0.00	2.3971	0.00	0.0000	0.00	0.0000	0.00	0.4854	0.00	0.5226	0.27
11	12/02/2547	9.00	19/02/2547	9.00	10.58	10.48	0.0406	0.02	0.0149	0.00	0.0470	0.01	0.1607	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.3288	0.24
12	12/03/2547	10.45	19/03/2547	10.45	9.72	9.58	0.9012	0.03	0.4427	0.00	0.2442	0.00	0.2138	0.00	0.4249	0.00	0.1984	0.00	0.0000	0.00	0.2210	0.00	0.6733	0.00

No.	Sampling period				Flow				F1						F2		F3			
	Start		End		Avg. Temp.	Air Vol. (meas.)	Air Vol. (calc.)	SO <sub>4</sub> <sup>2-</sup> mg/l	NO <sup>3-</sup> mg/l	Cl <sup>-</sup> mg/l	NH <sub>4</sub> <sup>+</sup> mg/l	SO <sub>4</sub> <sup>2-</sup> mg/l	Cl <sup>-</sup> mg/l	NH <sub>4</sub> <sup>+</sup> mg/l	SO <sub>4</sub> <sup>2-</sup> mg/l	Cl <sup>-</sup> mg/l	NH <sub>4</sub> <sup>+</sup> mg/l			
	Date	Time	Date	Time	(°C)	(m <sup>3</sup> )	(m <sup>3</sup> )	Samp.	Bla.	Samp.	Bla.	Samp.	Bla.	Samp.	Bla.	Samp.	Bla.			
1	23/04/2546	9.00	30/04/2546	9.00	29.5	5.70	5.61	0.0000	0.2743	0.05	0.3036	0.15	0.0000	0.00	0.0969	0.00	0.0000	0.00	1.7055	0.00
2	22/05/2546	9.40	29/05/2546	9.40	29.3	9.29	9.16	0.0000	0.0972	0.08	0.3347	0.26	0.0000	0.00	0.0000	0.00	0.4205	0.00		
3	23/06/2546	8.40	30/06/2546	8.40	29.0	10.01	9.87	0.0653	0.2388	0.09	0.7678	0.23	0.0000	0.00	0.1899	0.05	0.0000	0.00	3.3847	0.08
4	18/07/2546	8.50	25/07/2546	8.50	28.6	10.03	9.91	0.0000	0.2269	0.18	0.4592	0.31	0.0000	0.00	0.0000	0.00	0.0871	0.05	2.8811	0.00
5	11/08/2546	8.40	18/08/2546	8.40	28.9	10.00	9.87	0.1710	0.1174	0.07	0.6584	0.22	0.0000	0.00	0.1916	0.03	0.0000	0.00	2.7043	0.00
6	12/09/2546	9.40	19/09/2546	9.40	28.7	10.24	10.11	0.4659	0.0767	0.00	0.6599	0.00	0.1500	0.00	0.7968	0.06	0.1006	0.03	2.7780	0.00
7	15/10/2546	9.45	22/10/2546	9.45	27.6	9.93	9.84	0.5965	0.0793	0.00	0.6953	0.61	0.2077	0.00	0.7332	0.23	0.1151	0.09	1.6091	0.00
8	22/11/2546	9.30	29/11/2546	9.30	27.4	10.04	9.96	0.3791	0.1263	0.01	0.7628	0.61	0.1112	0.07	0.4382	0.07	0.1746	0.04	0.9490	0.00
9	23/12/2546	10.10	30/12/2546	10.10	26.4	10.19	10.14	0.3779	0.052393	0.09	0.9062	0.61	0.2110	0.00	0.2458	0.00	0.4407	0.12	0.7524	0.00
10	22/01/2547	10.10	29/2/2547	10.10	27.7	10.06	9.97	0.0000	0.1318	0.05	0.9792	0.59	0.1360	0.00	0.1128	0.02	0.1270	0.02	0.6314	0.00
11	12/02/2547	9.00	19/02/2547	9.00	27.9	10.58	10.48	0.1714	0.032796	0.16	1.1225	0.53	0.2914	0.04	0.4090	0.10	0.1603	0.01	0.5617	0.00
12	12/03/2547	10.45	19/03/2547	10.45	29.2	9.72	9.58	0.3288	0.051507	0.00	0.8084	0.65	0.2534	0.03	0.6238	0.06	0.1850	0.03	1.5196	0.00

ตาราง ก.4 ผลการคำนวณค่าความเข้มข้นของก๊าซและอนุภาคของการทดสอบกรดแห้ง

Sample No.	Sampling period				Average Temp. (°C)	Air Volume (m <sup>3</sup> )	Gas			
	Start		End				SO <sub>2</sub> nmol/m <sup>3</sup>	HNO <sub>3</sub> nmol/m <sup>3</sup>	HCl nmol/m <sup>3</sup>	NH <sub>3</sub> nmol/m <sup>3</sup>
	Date	Time	Date	Time						
1	23/04/2546	9.00	30/04/2546	9.00	29.5	5.61	12.89	15.44	336.85	
2	22/05/2546	9.40	29/05/2546	9.40	29.3	9.16	0.61	4.60	50.88	
3	23/06/2546	8.40	30/06/2546	8.40	29.0	9.87	4.77	30.59	371.19	
4	18/07/2546	8.50	25/07/2546	8.50	28.6	9.91	1.53	10.89	322.30	
5	11/08/2546	8.40	18/08/2546	8.40	28.9	9.87	3.58	25.06	303.74	
6	12/09/2546	9.40	19/09/2546	9.40	28.7	10.11	2.45	40.75	320.94	
7	15/10/2546	9.45	22/10/2546	9.45	27.6	9.84	21.82	6.38	204.61	
8	22/11/2546	9.30	29/11/2546	9.30	27.4	9.96	13.20	16.85	110.44	
9	23/12/2546	10.10	30/12/2546	10.10	26.4	10.14	11.86	34.37	105.31	
10	22/01/2547	10.10	29/02/2547	10.10	27.7	9.97	1.94	28.08	85.34	
11	12/02/2547	9.00	19/02/2547	9.00	27.9	10.48	8.95	40.00	86.03	
12	12/03/2547	10.45	19/03/2547	10.45	29.2	9.58	18.41	18.45	201.61	

ตาราง ก.4 (ต่อ)

Sample No.	Sampling period				Average Temp. (°C)	Air Volume (m <sup>3</sup> )	Particle							
	Start		End				SO <sub>4</sub> <sup>2-</sup> nmol/m <sup>3</sup>	NO <sub>3</sub> <sup>-</sup> nmol/m <sup>3</sup>	Cl <sup>-</sup> nmol/m <sup>3</sup>	NH <sub>4</sub> <sup>+</sup> nmol/m <sup>3</sup>	Na <sup>+</sup> nmol/m <sup>3</sup>	K <sup>+</sup> nmol/m <sup>3</sup>	Mg <sup>2+</sup> nmol/m <sup>3</sup>	Ca <sup>2+</sup> nmol/m <sup>3</sup>
	Date	Time	Date	Time										
1	23/04/2546	9.00	30/04/2546	9.00	29.5	5.61	0.00	11.74	2.95	0.00	3.75	0.00	0.00	0.98
2	22/05/2546	9.40	29/05/2546	9.40	29.3	9.16	0.00	0.40	0.68	0.00	1.33	0.00	0.00	0.00
3	23/06/2546	8.40	30/06/2546	8.40	29.0	9.87	0.46	1.02	0.36	13.14	0.00	0.00	0.00	2.39
4	18/07/2546	8.50	25/07/2546	8.50	28.6	9.91	0.00	2.03	0.59	17.41	0.00	25.68	0.00	9.59
5	11/08/2546	8.40	18/08/2546	8.40	28.9	9.87	0.16	0.43	0.40	7.68	8.13	0.00	0.65	7.47
6	12/09/2546	9.40	19/09/2546	9.40	28.7	10.11	3.60	0.40	0.55	12.88	0.00	0.00	0.00	0.00
7	15/10/2546	9.45	22/10/2546	9.45	27.6	9.84	21.06	4.37	4.96	15.22	7.03	19.92	0.00	7.81
8	22/11/2546	9.30	29/11/2546	9.30	27.4	9.96	2.12	0.00	9.01	10.04	12.67	0.00	0.00	10.69
9	23/12/2546	10.10	30/12/2546	10.10	26.4	10.14	5.19	4.17	10.10	22.50	13.85	0.00	0.00	2.01
10	22/01/2547	10.10	29/02/2547	10.10	27.7	9.97	2.05	29.35	151.46	37.91	209.17	0.00	40.06	12.69
11	12/02/2547	9.00	19/02/2547	9.00	27.9	10.48	0.41	0.46	1.99	17.00	0.00	0.00	0.00	4.28
12	12/03/2547	10.45	19/03/2547	10.45	29.2	9.58	18.92	14.90	14.37	24.73	38.56	10.59	18.97	35.05