

ภาคผนวก ค

รายงานผลการตรวจวัดคุณภาพสิ่งแวดล้อม



TEST REPORT

Analysis No. : R24-3059

Report Date : 13/09/24

Received Date : 30/08/24

Analysis Date : 06/09/24

Customer : Technical Division of Thai Environmental Technic Limited
For Thai Peroxide Co., Ltd./EIA

Job No. : S670215/Aug

Address : 70 Moo 4 Sudbantad Rd., T. Tarndiew
A. Kaengkhoi Saraburi 18110

Sampling By : TET

Type of Sample : Stack

Contact : Tel. (036) 240 210, 240 243 Fax. (036) 240 211

Sampling Conditions :

Item	Description	Unit	Result
			2408-AS1213
			Oxidation Vent Stack (SRS)
1	Sampling Date	-	28/08/24
2	Stack Diameter	m	Ø 0.50
3	Temperature ⁽¹⁾	°C	40
4	Stack Gas Velocity ⁽¹⁾	m/s	10.2
5	Flow Rate ⁽¹⁾	m³/s	2.0
6	Flow Rate ⁽²⁾	Nm³/s	1.9
7	O ₂ Rate ⁽¹⁾ , dry basis	%	12.4
8	CO ₂ Rate ⁽¹⁾ , dry basis	%	5.2
9	Absolute Stack Pressure ⁽¹⁾	mm.Hg	757.3

Parameter	Unit	Method	Result	Analysis Date
			2408-AS1213	
			Oxidation Vent Stack (SRS)	
HC as Methane ⁽²⁾	ppm	Sampling bag, Methane-non Methane Analyzer (US.EPA Method 25A, Aug 03, 2017)	2.80	06/09/24

Remarks : Oxidation Vent Stack (SRS) = 47P 0712762 UTM 1611994

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
13/09/24



Approved by

Mrs. Porntip Pethshee
Laboratory Manager
13/09/24

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E-mail : admin@tet1995.com

Page 2 of 3

Tel : 0-2373-7799 (Auto) Fax : 0-2373-7979

TEST REPORT

Analysis No. : R24-3059

Report Date : 13/09/24

Received Date : 28/08-02/09/24

Analysis Date : 30/08-03/09/24

Customer : Technical Division of Thai Environmental Technic Limited
For Thai Peroxide Co., Ltd./EIA

Job No. : S670215/Aug

Address : 70 Moo 4 Sudbantad Rd., T. Tarndiew
A. Kaengkhoi Saraburi 18110

Sampling By : TET

Type of Sample : Ambient Air

Contact : Tel. (036) 240 210, 240 243 Fax. (036) 240 211

Sampling Point	Sample No.	Sampling Date	Result	
			SO ₂ (mg/m ³)	HC as Methane (ppm)
Wat Tal Diew School (47P 0711970 UTM 1612860)	2408-AA1042	26-27/08/24	< 0.001	1.56
	2408-AA1173	27-28/08/24	< 0.001	1.81
	2408-AA1210	28-29/08/24	< 0.001	1.71
	2409-AA0009	29-30/08/24	< 0.001	1.84
	2409-AA0012	30-31/08/24	< 0.001	1.49
Ban Gud Ngern (47P 0712166 UTM 1613590)	2408-AA1043	26-27/08/24	< 0.001	1.72
	2408-AA1174	27-28/08/24	< 0.001	1.72
	2408-AA1211	28-29/08/24	< 0.001	1.80
	2409-AA0010	29-30/08/24	< 0.001	1.59
	2409-AA0013	30-31/08/24	< 0.001	1.35
Standard			0.30	-

Remarks : Concentration of each gas in ambient is based on 1 atm and 25 °C

Analysis Date : SO₂ (2408-AA1042, 2408-AA1043, 2408-AA1173, 2408-AA1174, 2408-AA1210, 2408-AA1211)/30/08/24,
(2409-AA0009, 2409-AA0010, 2409-AA0012, 2409-AA0013)/03/09/24

HC as Methane (2408-AA1042, 2408-AA1043, 2408-AA1173, 2408-AA1174, 2408-AA1210, 2408-AA1211,
2409-AA0009, 2409-AA0010, 2409-AA0012, 2409-AA0013)/03/09/24

Method : SO₂ = Pararosaniline Method (APHA 704)

HC as Methane = Flame Ionization Detection Method (APHA 109)

Standard : Notification of the National Environment Board No. 10 (1995) (B.E. 2538) and No. 24 (2004) (B.E. 2547), 24-hr. average value

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
13/09/24



Approved by

Mrs. Porntip Pethshee
Laboratory Manager
13/09/24

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TEST REPORT

Analysis No. : R24-3059

Report Date : 13/09/24

Received Date : 28/08-02/09/24

Analysis Date : 30/08-03/09/24

Customer : Technical Division of Thai Environmental Technic Limited
For Thai Peroxide Co., Ltd./EIA

Job No. : S670215/Aug

Address : 70 Moo 4 Sudbantad Rd., T. Tarndiew
A. Kaengkhoi Saraburi 18110

Sampling By : TET

Type of Sample : Ambient Air

Contact : Tel. (036) 240 210, 240 243 Fax. (036) 240 211

Sampling Point	Sample No.	Sampling Date	Result	
			SO ₂ (mg/m ³)	HC as Methane (ppm)
Ban Lub Lao Tai (47P 0711550 UTM 1612000)	2408-AA1044	26-27/08/24	< 0.001	1.81
	2408-AA1175	27-28/08/24	< 0.001	1.58
	2408-AA1212	28-29/08/24	< 0.001	1.81
	2409-AA0011	29-30/08/24	< 0.001	1.48
	2409-AA0014	30-31/08/24	< 0.001	1.42
Standard			0.30	-

Remarks : Concentration of each gas in ambient is based on 1 atm and 25 °C

Analysis Date : SO₂ (2408-AA1044, 2408-AA1175, 2408-AA1212)/30/08/24, (2409-AA0011, 2409-AA0014)/03/09/24

HC as Methane (2408-AA1044, 2408-AA1175, 2408-AA1212, 2409-AA0011, 2409-AA0014)/03/09/24

Method : SO₂ = Pararosaniline Method (APHA 704)

HC as Methane = Flame Ionization Detection Method (APHA 109)

Standard : Notification of the National Environment Board No. 10 (1995) (B.E. 2538) and No. 24 (2004) (B.E. 2547), 24-hr. average value

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
13/09/24



Approved by

Mrs. Pornpip Pethshee
Laboratory Manager
13/09/24

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E-mail : admin@tet1995.com
Tel : 0-2373-7799 (Auto) Fax : 0-2373-7979

TEST REPORT

Customer Name : Thai Peroxide Co., Ltd./EIA
Address : 70 Moo 4 Sudbantad Rd., T. Tarndiew
A. Kaengkhoi, Saraburi, 18110
Contact Tel : (036) 240 210, 240 243
Fax : (036) 240 211
Job No. : S670215/Aug

Report No. : 3059/2024/1-4
Report Date : September 6, 2024
Sampling Date : August 26-31, 2024
Type of Sample : WS & WD

Item	Time	Wat Tal Diew School									
		26-27/08/24		27-28/08/24		28-29/08/24		29-30/08/24		30-31/08/24	
		WS	WD	WS	WD	WS	WD	WS	WD	WS	WD
1.	12:00	0.4	NNE	0.4	NNE	0.9	NNE	0.4	WNW	0.9	NNE
2.	13:00	0.9	N	0.4	NNE	0.4	NNE	0.4	NNE	0.4	NNE
3.	14:00	0.9	NNE	0.4	NNE	0.4	NNE	0.4	NNE	0.4	N
4.	15:00	0.9	N	0.4	NNE	0.4	NNE	0.0	NNE	0.4	NNE
5.	16:00	0.4	NNE	0.4	NNE	0.4	NNE	0.0	NNE	0.4	NNE
6.	17:00	0.4	NNE	0.0	N	0.4	NNE	0.0	NNE	0.4	NNE
7.	18:00	0.4	NNE	0.0	NNE	0.4	N	0.0	NNE	0.4	NNE
8.	19:00	0.4	NNE	0.0	NNE	0.4	NNE	0.0	ENE	0.4	NNE
9.	20:00	0.4	NNE	0.0	NNE	0.4	NNE	0.0	ENE	0.0	NNE
10.	21:00	0.0	NE	0.0	NNE	0.0	NNE	0.0	NE	0.0	NNE
11.	22:00	0.0	NNE	0.0	NE	0.0	NE	0.0	NE	0.0	NNE
12.	23:00	0.0	NE	0.0	NNE	0.0	NE	0.0	NE	0.0	NE
13.	00:00	0.0	NE	0.0	NE	0.0	ENE	0.0	NE	0.9	NNE
14.	01:00	0.0	NE	0.0	NE	0.0	ENE	0.0	NE	0.9	NNE
15.	02:00	0.4	NE	0.0	NNE	0.4	ENE	0.0	E	0.0	NE
16.	03:00	0.4	E	0.0	NNE	0.4	ENE	0.0	N	0.0	NNE
17.	04:00	0.4	E	0.0	NE	0.4	ESE	0.0	NNE	0.0	NE
18.	05:00	0.4	N	0.4	NNE	0.4	ESE	0.4	NNE	0.0	NNE
19.	06:00	0.4	N	0.9	N	0.4	NNE	0.4	NNE	0.4	N
20.	07:00	0.4	N	0.9	NNE	0.4	NNE	0.4	NNE	0.4	NNE
21.	08:00	0.4	N	0.9	N	0.4	NNE	0.4	NNE	0.4	NNE
22.	09:00	0.4	NE	0.9	N	0.4	NNE	0.4	NNE	0.4	NNE
23.	10:00	0.4	NE	0.9	NNE	0.4	NNE	0.9	N	0.4	NNE
24.	11:00	0.4	NE	0.4	NNE	0.4	NNE	0.9	NNE	0.4	NNE
Average		0.4	-	0.3	-	0.3	-	0.2	-	0.3	-

Remark : WS = Wind Speed (m/s)
WD = Wind Direction

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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E-mail : admin@tet1995.com
Tel : 0-2373-7799 (Auto) Fax : 0-2373-7979

TEST REPORT

Customer Name : Thai Peroxide Co., Ltd./EIA

Report No. : 3059/2024/2-4

Address : 70 Moo 4 Sudbantad Rd., T. Tarndiew
A. Kaengkhoi, Saraburi, 18110

Report Date : September 6, 2024

Sampling Date : August 26-31, 2024

Contact Tel : (036) 240 210, 240 243
Fax : (036) 240 211

Type of Sample : WS & WD

Job No. : S670215/Aug

Item	Time	Ban Gud Ngern									
		26-27/08/24		27-28/08/24		28-29/08/24		29-30/08/24		30-31/08/24	
		WS	WD	WS	WD	WS	WD	WS	WD	WS	WD
1.	11:00	0.9	N	0.0	NW	0.9	NNW	0.4	NNW	0.9	N
2.	12:00	0.4	NNE	0.0	NW	0.9	N	0.4	NNW	0.9	N
3.	13:00	0.9	N	0.0	NW	1.3	N	0.4	NW	0.9	N
4.	14:00	0.9	N	0.0	NW	1.3	N	0.4	NW	0.9	N
5.	15:00	0.9	N	0.0	NNW	1.3	NNW	0.4	NW	0.9	NNW
6.	16:00	0.9	N	0.0	NNW	1.3	N	0.0	NNW	1.3	NNW
7.	17:00	0.9	N	0.0	NNW	0.9	N	0.4	NNW	1.3	NNW
8.	18:00	0.9	N	0.0	NNW	1.3	N	0.4	NNW	0.9	N
9.	19:00	0.9	N	0.0	NNW	0.4	N	0.0	NW	0.9	N
10.	20:00	0.4	N	0.0	NW	0.9	N	0.4	NW	0.9	N
11.	21:00	0.9	N	0.0	NW	0.9	N	0.4	NW	0.4	N
12.	22:00	0.4	NNE	0.0	NW	0.4	NNW	0.9	NW	0.4	NNW
13.	23:00	0.0	NE	0.0	NW	0.4	N	0.4	NW	0.4	N
14.	00:00	0.0	NE	0.0	NW	0.4	NNW	0.4	NW	0.4	NNW
15.	01:00	0.0	NE	0.0	NNW	0.0	NNW	0.4	NW	0.0	NNW
16.	02:00	0.0	NE	0.0	NNW	0.4	NW	0.4	NW	0.4	NNW
17.	03:00	0.0	NE	0.0	NNW	0.4	NW	0.4	NW	0.4	NNW
18.	04:00	0.0	NNE	0.4	NNW	0.4	NW	0.4	NNW	0.4	NW
19.	05:00	0.0	NNE	0.4	NW	0.4	NNW	0.4	NNW	0.9	NW
20.	06:00	0.4	N	0.4	N	0.4	NW	0.9	NNW	0.4	NNW
21.	07:00	0.0	N	0.4	N	0.4	NW	0.4	NNW	0.9	NNW
22.	08:00	0.0	NW	0.9	N	0.4	NNW	0.4	NNW	0.9	NW
23.	09:00	0.0	NW	0.9	N	0.0	NW	0.9	N	0.4	NW
24.	10:00	0.0	NW	0.9	N	0.0	NNW	0.9	N	0.4	NW
Average		0.4	-	0.2	-	0.6	-	0.5	-	0.7	-

Remark : WS = Wind Speed (m/s)
WD = Wind Direction

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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TEST REPORT

Customer Name : Thai Peroxide Co., Ltd./EIA

Report No. : 3059/2024/3-4

Address : 70 Moo 4 Sudbantad Rd., T. Tarndiew
A. Kaengkhoi, Saraburi, 18110

Report Date : September 6, 2024

Sampling Date : August 26-31, 2024

Contact Tel : (036) 240 210, 240 243
Fax : (036) 240 211

Type of Sample : WS & WD

Job No. : S670215/Aug

Item	Time	Ban Lub Lao Tai									
		26-27/08/24		27-28/08/24		28-29/08/24		29-30/08/24		30-31/08/24	
		WS	WD	WS	WD	WS	WD	WS	WD	WS	WD
1.	10:00	0.0	NNW	0.4	NNW	0.0	ENE	1.3	NE	1.3	NE
2.	11:00	0.0	NNW	1.3	NNW	0.4	ENE	1.3	NE	1.8	NE
3.	12:00	1.3	NNW	1.3	NNW	0.4	ENE	1.3	NE	1.3	NE
4.	13:00	0.4	NW	0.4	E	1.3	NE	1.3	NE	0.9	NE
5.	14:00	0.9	NNW	0.4	ENE	1.8	NE	1.3	NE	0.9	NE
6.	15:00	0.9	NNW	0.4	ENE	1.3	NE	1.3	NE	1.3	NE
7.	16:00	0.9	NNW	0.4	ENE	0.9	NE	1.3	NE	0.9	NE
8.	17:00	0.4	NW	0.4	ENE	0.9	NE	0.4	NE	0.9	NE
9.	18:00	0.4	NNW	0.0	ENE	0.9	NE	0.4	NE	0.0	E
10.	19:00	0.0	NNW	0.0	ENE	0.4	NE	0.0	NE	0.0	E
11.	20:00	0.4	NNW	0.0	ENE	0.4	NE	0.0	NE	0.0	E
12.	21:00	0.4	NNW	0.0	ENE	0.4	NE	0.0	NE	0.4	E
13.	22:00	0.9	NNW	0.0	ENE	0.4	NE	0.9	NE	0.4	E
14.	23:00	0.4	NNW	0.0	ENE	0.4	NE	0.4	NE	0.4	E
15.	00:00	0.0	NNW	0.0	ENE	0.9	NE	0.0	NE	0.9	E
16.	01:00	0.4	NNW	0.0	ENE	0.4	NE	0.4	ENE	0.0	E
17.	02:00	0.0	NNW	0.0	ENE	0.4	NE	0.9	ENE	0.0	E
18.	03:00	0.0	NNW	0.0	ENE	0.4	NE	0.9	ENE	0.0	E
19.	04:00	0.4	NNW	0.0	ENE	0.0	NE	0.9	ENE	0.0	E
20.	05:00	0.4	NNW	0.0	ENE	0.4	NE	0.9	ENE	0.0	E
21.	06:00	0.4	NNW	0.0	ENE	0.0	NE	0.4	ENE	0.0	E
22.	07:00	0.0	NNW	0.0	ENE	0.4	NE	0.0	ENE	0.9	NNE
23.	08:00	0.4	NNW	0.0	ENE	0.9	NE	0.4	ENE	0.0	E
24.	09:00	0.9	NNW	0.0	ENE	1.3	NE	1.3	NE	0.4	E
Average		0.4	-	0.2	-	0.6	-	0.7	-	0.5	-

Remark : WS = Wind Speed (m/s)
WD = Wind Direction

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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TEST REPORT

Analysis No. : R24-3065
Received Date : 29/08/24
Customer : Technical Division of Thai Environmental Technic Limited
For Thai Peroxide Co., Ltd./EIA
Address : 70 Moo 4 Sudbantad Rd., T. Tarndiew
A. Kaengkhoi Saraburi 18110
Contact : Tel. (036) 240 210, 240 243 Fax. (036) 240 211

Report Date : 11/09/24
Analysis Date : 30/08-06/09/24
Job No. : S670215/Aug/Occ
Sampling By : TET
Type of Sample : Working Area

Sample No.	Sampling point	Parameter	Unit	Sampling Date	Result	Standard	Analysis Date
2408-AW1165	Product Storage Area	HC as Methane	ppm	28/08/24	2.33	-	06/09/24
		H ₂ O ₂	ppm	28/08/24	< 0.007	1	30/08/24
2408-AW1166	Process Area	HC as Methane	ppm	28/08/24	2.03	-	06/09/24
		H ₂ O ₂	ppm	28/08/24	< 0.007	1	30/08/24
	Personal Monitoring						
2408-AW1167	Process Area						
	- Person	HC as Methane	ppm	28/08/24	2.69	-	06/09/24
		H ₂ O ₂	ppm	28/08/24	< 0.007	1	30/08/24

Method : HC as Methane - Flame Ionization Detection (APHA 108)
H₂O₂ - Absorbing Solution, Colorimetric (OSHA V1-6, Jan 1978)
Standard : Notification of the Department of Labour Protection and Welfare. (2017) (B.E. 2560) (TLV-TWA)

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory

11/09/24



Approved by

Mrs. Porntip Pethshee

Laboratory Manager

11/09/24

..... END OF REPORT

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TEST REPORT

Customer Name : Thai Peroxide Co., Ltd./EIA

Report No. : 3059/2024/4-4

Address : 70 Moo 4 Sudbantad Rd., T. Tarndiew

Report Date : September 6, 2024

A. Kaengkhoi, Saraburi, 18110

Sampling Date : August 26-27, 2024

Contact

Tel : (036) 240 210, 240 243

Type of Sample : Sound Level

Fax : (036) 240 211

Job No. : S670215/Aug

Item	Time	Result (dB(A))		
		Process area		
		26-27/08/24		
		Leq	Lmax	L ₉₀
1.	13.00-14.00	61.2	80.5	55.1
2.	14.00-15.00	58.2	79.3	53.9
3.	15.00-16.00	58.2	75.1	53.8
4.	16.00-17.00	58.1	75.2	53.8
5.	17.00-18.00	61.0	87.0	56.0
6.	18.00-19.00	63.2	88.1	56.3
7.	19.00-20.00	63.4	76.0	58.8
8.	20.00-21.00	59.9	73.4	55.8
9.	21.00-22.00	60.0	84.5	55.2
10.	22.00-23.00	60.0	85.9	55.7
11.	23.00-00.00	60.9	81.0	56.4
12.	00.00-01.00	59.8	82.7	54.6
13.	01.00-02.00	61.9	79.2	55.0
14.	02.00-03.00	61.3	73.4	57.0
15.	03.00-04.00	58.8	71.3	57.1
16.	04.00-05.00	59.2	73.6	55.4
17.	05.00-06.00	59.7	84.8	54.8
18.	06.00-07.00	60.2	81.3	55.2
19.	07.00-08.00	59.4	78.1	54.9
20.	08.00-09.00	57.2	76.2	52.6
21.	09.00-10.00	56.4	79.0	51.3
22.	10.00-11.00	58.4	82.5	51.3
23.	11.00-12.00	65.7	97.2	53.5
24.	12.00-13.00	60.5	86.3	57.3
Leq 24 hr		60.6	-	-
Lmax		-	97.2	-
Standard ⁽¹⁾⁽²⁾		70	115	-
Ldn		66.8	-	-

Standard : ⁽¹⁾ Notification of the National Environment Board No. 15 (1997)(B.E. 2540)

⁽²⁾ Notification of the Ministry of Industry (2005)(B.E. 2548)

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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TEST REPORT

Analysis No. : R24-3216
Received Date : 09/09/24
Customer : Technical Division of Thai Environmental Technic Limited
For Thai Peroxide Co., Ltd./EIA
Address : 70 Moo 4 Sudbantad Rd., T. Tarndiew
A. Kaengkhoi Saraburi 18110
Contact : Tel. (036) 240 210, 240 243 Fax. (036) 240 211
Sample Conditions : 2409-WW0321 = yellow turbid/high black sediment
2409-WW0322 = yellow turbid/moderate black sediment

Report Date : 18/09/24
Analysis Date : 06-16/09/24
Job No. : S670215/Sep
Sampling Date : 06/09/24
Sampling By : TET
Type of Sample : Wastewater

Item	Parameter	Unit	Method	Result		Standard	Analysis Date
				2409-WW0321	2409-WW0322		
				น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย ⁽¹⁾	น้ำทิ้งหลังผ่าน Polishing Pond บ่อที่ 2		
1	pH	-	Electrometric Method (SM 4500 B)	8.18	8.32	5.5-9.0	06/09/24
2	TS	mg/L	Dried at 103-105 °C (SM 2540 B)	273.78	267.39	-	12/09/24
3	TSS	mg/L	Dried at 103-105 °C (SM 2540 D)	2.7	3.8	50	12/09/24
4	BOD	mg/L	5-Days BOD Test, Azide Modification Method (SM 5210 B)	2.3	1.8	20	11-16/09/24
5	Oil & Grease	mg/L	Liquid-Liquid, Partition Gravimetric Method (SM 5520 B)	0.8	0.6	5	12/09/24

Remarks : น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย = 47P 0712665 UTM 1611856
น้ำทิ้งหลังผ่าน Polishing Pond บ่อที่ 2 = 47P 0712616 UTM 1611799

: BOD มีค่าปริมาณต่ำสุดที่สามารถรายงานเป็นตัวเลขได้ = 2 mg/L

Method : SM = Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023

Standard : Notification of the Ministry of Industry (2017) (B.E. 2560)

(1) no established standard

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
18/09/24



Approved by

Mrs. Porntip Pethshee
Laboratory Manager
18/09/24

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1/6 Soi Ramkhamhaeng 145, Khwaeng / Khet Saphansung, Bangkok 10240

E-mail : admin@tet1995.com

Page 1 of 1

1/6 ซอยรามคำแหง 145 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

Tel : 0-2373-7799 (Auto) Fax : 0-2373-7979

TEST REPORT

Analysis No. : R24-3216/DIW

Report Date : 18/09/24

Received Date : 09/09/24

Analysis Date : 06-16/09/24

Customer : Technical Division of Thai Environmental Technic Limited

Job No. : S670215/Sep

For Thai Peroxide Co., Ltd./EIA

Sampling Date : 06/09/24

Address : 70 Moo 4 Sudbantad Rd., T. Tarndiew

Sampling By : Mr. Suriyapong Yongyut

A. Kaengkhoi Saraburi 18110

Registration No. : ว-236-จ-0008

Contact : Tel. (036) 240 210, 240 243 Fax. (036) 240 211

Type of Sample : Wastewater

Sample Conditions : 2409-WW0322 = yellow turbid/moderate black sediment

Item	Parameter	Unit	Method	Result	Standard	Analysis Date
				2409-WW0322		
				น้ำทิ้งหลังผ่าน Polishing Pond บ่อที่ 2		
1	pH	-	Electrometric Method (SM 4500 B)	8.32	5.5-9.0	06/09/24
2	TSS	mg/L	Dried at 103-105 °C (SM 2540 D)	3.8	50	12/09/24
3	BOD	mg/L	5-Days BOD Test, Azide Modification Method (SM 5210 B)	1.8	20	11-16/09/24
4	Oil & Grease	mg/L	Liquid-Liquid, Partition Gravimetric Method (SM 5520 B)	0.6	5	12/09/24

Remarks : น้ำทิ้งหลังผ่าน Polishing Pond บ่อที่ 2 = 47P 0712616 UTM 1611799

: BOD มีค่าปริมาณต่ำสุดที่สามารถรายงานเป็นตัวเลขได้ = 2 mg/L

Method : SM = Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023

Standard : Notification of the Ministry of Industry (2017) (B.E. 2560)

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory

ว-236-จ-0002
18/09/24



Approved by

Mrs. Porntip Pethshee
Laboratory Manager

ว-236-จ-0003
18/09/24

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TEST REPORT

Analysis No. : R24-4638

Report Date : 27/12/24

Received Date : 19/12/24

Analysis Date : 18-24/12/24

Customer : Technical Division of Thai Environmental Technic Limited
For Thai Peroxide Co., Ltd./EIA

Job No. : S670215/Dec

Address : 70 Moo 4 Sudbantan Rd., T. Tarndiew
A. Kaengkhoi Saraburi 18110

Sampling Date : 18/12/24

Sampling By : TET

Type of Sample : Wastewater

Contact : Tel. (036) 240 210, 240 243 Fax. (036) 240 211

Sample Conditions : 2412-WW0606 = white turbid/slight black sediment

2412-WW0607 = clear/slight black sediment

Item	Parameter	Unit	Method	Result		Standard	Analysis Date
				2412-WW0606	2412-WW0607		
				น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย ⁽¹⁾	น้ำทิ้งหลังผ่าน Polishing Pond ป่อที่ 2		
1	pH	-	Electrometric Method (SM 4500 B)	7.48	8.55	5.5-9.0	18/12/24
2	TS	mg/L	Dried at 103-105 °C (SM 2540 B)	306.00	310.00	-	20/12/24
3	TSS	mg/L	Dried at 103-105 °C (SM 2540 D)	6.7	6.5	50	24/12/24
4	BOD	mg/L	5-Days BOD Test, Azide Modification Method (SM 5210 B)	5.7	3.5	20	19-24/12/24
5	Oil & Grease	mg/L	Liquid-Liquid, Partition Gravimetric Method (SM 5520 B)	1.0	0.6	5	23/12/24

Remarks : น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย = 47P 0712665 UTM 1611856

น้ำทิ้งหลังผ่าน Polishing Pond ป่อที่ 2 = 47P 0712616 UTM 1611799

: BOD มีค่าปริมาณต่ำสุดที่สามารถรายงานเป็นตัวเลขได้ = 2 mg/L

Method : SM = Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023

Standard : Notification of the Ministry of Industry (2017) (B.E. 2560)

(1) no established standard

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
27/12/24



Approved by

Mrs. Porntip Pethshee
Laboratory Manager
27/12/24



TEST REPORT

Analysis No. : R24-4638/DIW
Received Date : 19/12/24
Customer : Technical Division of Thai Environmental Technic Limited
For Thai Peroxide Co., Ltd./EIA
Address : 70 Moo 4 Sudbantad Rd., T. Tarndiew
A. Kaengkhoi Saraburi 18110
Contact : Tel. (036) 240 210, 240 243 Fax. (036) 240 211
Sample Conditions : 2412-WW0607 = clear/slight black sediment

Report Date : 27/12/24
Analysis Date : 18-24/12/24
Job No. : S670215/Dec
Sampling Date : 18/12/24
Sampling By : Mr. Pramual Moonsarn
Registration No. : ว-236-ค-0005
Type of Sample : Wastewater

Item	Parameter	Unit	Method	Result	Standard	Analysis Date
				2412-WW0607		
				น้ำทิ้งหลังผ่าน Polishing Pond บ่อที่ 2		
1	pH	-	Electrometric Method (SM 4500 B)	8.55	5.5-9.0	18/12/24
2	TSS	mg/L	Dried at 103-105 °C (SM 2540 D)	6.5	50	24/12/24
3	BOD	mg/L	5-Days BOD Test, Azide Modification Method (SM 5210 B)	3.5	20	19-24/12/24
4	Oil & Grease	mg/L	Liquid-Liquid, Partition Gravimetric Method (SM 5520 B)	0.6	5	23/12/24

Remarks : น้ำทิ้งหลังผ่าน Polishing Pond บ่อที่ 2 = 47P 0712616 UTM 1611799
: BOD มีค่าปริมาณต่ำสุดที่สามารถรายงานเป็นตัวเลขได้ = 2 mg/L
Method : SM = Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023
Standard : Notification of the Ministry of Industry (2017) (B.E. 2560)

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
ว-236-ค-0002
27/12/24



Approved by

Mrs. Porntip Pethshee
Laboratory Manager
ว-236-ค-0003
27/12/24

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TEST REPORT

Analysis No. : R24-3216
Received Date : 09/09/24
Customer : Technical Division of Thai Environmental Technic Limited
For Thai Peroxide Co., Ltd./EIA
Address : 70 Moo 4 Sudbantad Rd., T. Tarndiew
A. Kaengkhoi Saraburi 18110
Contact : Tel. (036) 240 210, 240 243 Fax. (036) 240 211
Sample Conditions : 2409-WF0323 = yellow turbid/high brown sediment
2409-WF0324 = yellow turbid/high brown sediment

Report Date : 18/09/24
Analysis Date : 06-16/09/24
Job No. : S670215/Sep
Sampling Date : 06/09/24
Sampling By : TET
Type of Sample : Surface Water

Item	Parameter	Unit	Method	Result		Standard ⁽¹⁾⁽²⁾	Analysis Date
				แม่น้ำป่าสัก			
				2409-WF0323	2409-WF0324		
				จุดเหนือน้ำ ก่อนผ่านโรงงาน	จุดท้ายน้ำ หลังผ่านโรงงาน		
1	pH	-	Electrometric Method (SM 4500 B)	8.52	8.58	5.0-9.0	06/09/24
2	TS	mg/L	Dried at 103-105 °C (SM 2540 B)	273.91	270.21	-	12/09/24
3	TSS	mg/L	Dried at 103-105 °C (SM 2540 D)	65.8	71.4	-	12/09/24
4	BOD	mg/L	5-Days BOD Test, Azide Modification Method (SM 5210 B)	1.1	1.3	2.0	11-16/09/24
5	Oil & Grease	mg/L	Liquid-Liquid, Partition Gravimetric Method (SM 5520 B)	0.6	0.6	-	12/09/24

Remarks : แม่น้ำป่าสักจุดเหนือน้ำก่อนผ่านโรงงาน = 47P 0711416 UTM 1611922
แม่น้ำป่าสักจุดท้ายน้ำหลังผ่านโรงงาน = 47P 0711620 UTM 1610601
: BOD มีค่าปริมาณต่ำสุดที่สามารถรายงานเป็นตัวเลขได้ = 2 mg/L

Method : SM = Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023

Standard (1) Notification of the National Environment Board No. 8 (1994) (B.E. 2537) ; Class 3

(2) Notification of the Department of Pollution Control determine the type of water resources in the Pasak River

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
18/09/24



Approved by

Mrs. Porntip Pethshee
Laboratory Manager
18/09/24

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TEST REPORT

Analysis No. : R24-4638

Report Date : 27/12/24

Received Date : 19/12/24

Analysis Date : 18-24/12/24

Customer : Technical Division of Thai Environmental Technic Limited
For Thai Peroxide Co., Ltd./EIA

Job No. : S670215/Dec

Address : 70 Moo 4 Sudbantad Rd., T. Tarndiew
A. Kaengkhoi Saraburi 18110

Sampling Date : 18/12/24

Sampling By : TET

Type of Sample : Surface Water

Contact : Tel. (036) 240 210, 240 243 Fax. (036) 240 211

Sample Conditions : 2412-WF0608 = yellow turbid/slight black sediment

2412-WF0609 = yellow turbid/slight black sediment

Item	Parameter	Unit	Method	Result		Standard ⁽¹⁾⁽²⁾	Analysis Date
				แม่น้ำป่าสัก			
				2412-WF0608	2412-WF0609		
				จุดเหนือ ก่อนผ่านโรงงาน	จุดท้าย หลังผ่านโรงงาน		
1	pH	-	Electrometric Method (SM 4500 B)	8.38	8.42	5.0-9.0	18/12/24
2	TS	mg/L	Dried at 103-105 °C (SM 2540 B)	208.00	214.00	-	20/12/24
3	TSS	mg/L	Dried at 103-105 °C (SM 2540 D)	25.3	28.5	-	24/12/24
4	BOD	mg/L	5-Days BOD Test, Azide Modification Method (SM 5210 B)	1.8	2.0	2.0	19-24/12/24
5	Oil & Grease	mg/L	Liquid-Liquid, Partition Gravimetric Method (SM 5520 B)	0.6	0.8	-	23/12/24

Remarks : แม่น้ำป่าสักจุดเหนือน้ำก่อนผ่านโรงงาน = 47P 0711416 UTM 1611922

แม่น้ำป่าสักจุดท้ายน้ำหลังผ่านโรงงาน = 47P 0711620 UTM 1610601

: BOD มีค่าปริมาณต่ำสุดที่สามารถรายงานเป็นตัวเลขได้ = 2 mg/L

Method : SM = Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023

Standard (1) Notification of the National Environment Board No. 8 (1994) (B.E. 2537) ; Class 3

(2) Notification of the Department of Pollution Control determine the type of water resources in the Pasak River

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
27/12/24



Approved by

Mrs. Porntip Pethshee
Laboratory Manager
27/12/24

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