

ภาคผนวกที่ 3

ผลการตรวจวัดคุณภาพสิ่งแวดล้อม

คุณภาพอากาศในบรรยากาศ



Ref. No. A039/01/25

Report No. 2501/160

42/12/67

Ambient Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited
Project Location : 61/1 Moo 11, Bangnga-Thakhlong Road, Kaosamorkorn, Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Limited
Sampling by : Sathaporn Wisetmuen
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 16-17 January 2025
Date Received : 17 January 2025
Date of Analysis : 17-30 January 2025
Date Reported : 31 January 2025

Parameter	Sampling Method	Analytical Method	Project Area	Standard
Acetaldehyde ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	7.1	Less than 860
1,4-Dioxane ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	86	Less than 860

Remark:

Standard = Twenty Four Hour Volatile Organic Compounds (VOCs) in Ambient Air, Notification of the National Environmental Board, B.E. 2552

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.



Laboratory Supervisor

31/01/25

----- End of Report -----



Ref. No. A040/01/25

Report No. 2501/160

42/12/67

Ambient Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited
Project Location : 61/1 Moo 11, Bangngha-Thakhlong Road, Kaosamorkorn,
Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Limited
Sampling by : Sathaporn Wisetmuen
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 16-17 January 2025
Date Received : 17 January 2025
Date of Analysis : 17-30 January 2025
Date Reported : 31 January 2025

Parameter	Sampling Method	Analytical Method	Khao Samo Khon Public Health Center	Standard
Acetaldehyde ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	5.4	Less than 860
1,4-Dioxane ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	<0.20	Less than 860

Remark:

Standard = Twenty Four Hour Volatile Organic Compounds (VOCs) in Ambient Air, Notification of the National Environmental Board, B.E. 2552

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.



Laboratory Supervisor

31/01/25

----- End of Report -----



Ref. No. A041/01/25

Report No. 2501/160

42/12/67

Ambient Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited
Project Location : 61/1 Moo 11, Bangngha-Thakhleng Road, Kaosamorkorn,
Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Limited
Sampling by : Sathaporn Wisetmuen
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 16-17 January 2025
Date Received : 17 January 2025
Date of Analysis : 17-30 January 2025
Date Reported : 31 January 2025

Parameter	Sampling Method	Analytical Method	Tham Khao Tako School	Standard
Acetaldehyde ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	2.3	Less than 860
1,4-Dioxane ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	<0.20	Less than 860

Remark:

Standard = Twenty Four Hour Volatile Organic Compounds (VOCs) in Ambient Air, Notification of the National Environmental Board, B.E. 2552

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.



Laboratory Supervisor

31/01/25

----- End of Report -----



Ref. No. A332/02/25

Report No. 2502/344

42/12/67

Ambient Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited Sampling Date : 24-25 February 2025
Project Location : 61/1 Moo 11, Bangngha-Thakhleng Road, Kaosamorkorn, Tawung, Lopburi Date Received : 25 February 2025
Client Name/Address : Asia Pet (Thailand) Limited Date of Analysis : 25 February-10 March 2025
Sampling by : Sitthisak Kumwongsa Date Reported : 11 March 2025
S.P.S. Consulting Service Co., Ltd.

Parameter	Sampling Method	Analytical Method	Project Area	Standard
Acetaldehyde ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	9.1	Less than 860
1,4-Dioxane ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	68	Less than 860

Remark:

Standard = Twenty Four Hour Volatile Organic Compounds (VOCs) in Ambient Air, Notification of the National Environmental Board, B.E. 2552

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.



Laboratory Supervisor
11 / 03 / 25

----- End of Report -----



Ref. No. A333/02/25

Report No. 2502/344

42/12/67

Ambient Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited Sampling Date : 24-25 February 2025
Project Location : 61/1 Moo 11, Bangnga-Thakhlong Road, Kaosamorkorn, Date Received : 25 February 2025
Tawung, Lopburi Date of Analysis : 25 February-10 March 2025
Client Name/Address : Asia Pet (Thailand) Limited Date Reported : 11 March 2025
Sampling by : Sitthisak Kumwongsa
S.P.S. Consulting Service Co., Ltd.

Parameter	Sampling Method	Analytical Method	Khao Samo Khon Public Health Center	Standard
Acetaldehyde ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	5.8	Less than 860
1,4-Dioxane ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	<0.20	Less than 860

Remark:

Standard = Twenty Four Hour Volatile Organic Compounds (VOCs) in Ambient Air, Notification of the National Environmental Board, B.E. 2552

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.



Laboratory Supervisor

11 / 03 / 25

----- End of Report -----



Ref. No. A334/02/25

Report No. 2502/344

42/12/67

Ambient Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited
Project Location : 61/1 Moo 11, Bangngha-Thakhlong Road, Kaosamorkorn, Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Limited
Sampling by : Sitthisak Kumwongsa
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 24-25 February 2025
Date Received : 25 February 2025
Date of Analysis : 25 February-10 March 2025
Date Reported : 11 March 2025

Parameter	Sampling Method	Analytical Method	Tham Khao Tako School	Standard
Acetaldehyde ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	2.9	Less than 860
1,4-Dioxane ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	<0.20	Less than 860

Remark:

Standard = Twenty Four Hour Volatile Organic Compounds (VOCs) in Ambient Air, Notification of the National Environmental Board, B.E. 2552

Reported results refer to submitted samples only.

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Laboratory Supervisor

11 / 03 / 25

----- End of Report -----



Ref. No. A572/03/25

Report No. 2503/370

42/12/67

Ambient Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited
Project Location : 61/1 Moo 11, Bangnga-Thakhleng Road, Kaosamorkorn, Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Limited
Sampling by : Sathaporn Wisetmuen
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 21-22 March 2025
Date Received : 24 March 2025
Date of Analysis : 24 March-3 April 2025
Date Reported : 4 April 2025

Parameter	Sampling Method	Analytical Method	Project Area	Standard
Acetaldehyde ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	6.4	Less than 860
1,4-Dioxane ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	72	Less than 860

Remark:

Standard = Twenty Four Hour Volatile Organic Compounds (VOCs) in Ambient Air, Notification of the National Environmental Board, B.E. 2552

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.



Laboratory Supervisor

4/04/25

----- End of Report -----



Ref. No. A573/03/25

Report No. 2503/370

42/12/67

Ambient Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited Sampling Date : 21-22 March 2025
Project Location : 61/1 Moo 11, Bangngha-Thakhlong Road, Kaosamorkorn, Date Received : 24 March 2025
Tawung, Lopburi Date of Analysis : 24 March-3 April 2025
Client Name/Address : Asia Pet (Thailand) Limited Date Reported : 4 April 2025
Sampling by : Sathaporn Wisetmuen
S.P.S. Consulting Service Co., Ltd.

Parameter	Sampling Method	Analytical Method	Khao Samo Khon Public Health Center	Standard
Acetaldehyde ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	4.8	Less than 860
1,4-Dioxane ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	<0.20	Less than 860

Remark:

Standard = Twenty Four Hour Volatile Organic Compounds (VOCs) in Ambient Air, Notification of the National Environmental Board, B.E. 2552

Reported results refer to submitted samples only.

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Laboratory Supervisor

4 / 04 / 25

----- End of Report -----



Ref. No. A574/03/25

Report No. 2503/370

42/12/67

Ambient Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited
Project Location : 61/1 Moo 11, Bangngha-Thakhleng Road, Kaosamorkorn, Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Limited
Sampling by : Sathaporn Wisetmuen
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 21-22 March 2025
Date Received : 24 March 2025
Date of Analysis : 24 March-3 April 2025
Date Reported : 4 April 2025

Parameter	Sampling Method	Analytical Method	Tham Khao Tako School	Standard
Acetaldehyde ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	2.6	Less than 860
1,4-Dioxane ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	<0.20	Less than 860

Remark:

Standard = Twenty Four Hour Volatile Organic Compounds (VOCs) in Ambient Air, Notification of the National Environmental Board, B.E. 2552

Reported results refer to submitted samples only.

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Laboratory Supervisor

4 / 04 / 25

----- End of Report -----



Ref. No. A001/05/25

Report No. 2505/010

42/12/67

Ambient Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited
Project Location : 61/1 Moo 11, Bangngha-Thakhlong Road, Kaosamorkorn,
Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Limited
Sampling by : Yottana Kongkaw
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 29-30 April 2025
Date Received : 2 May 2025
Date of Analysis : 2-16 May 2025
Date Reported : 19 May 2025

Parameter	Sampling Method	Analytical Method	Project Area	Standard
Acetaldehyde ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	12	Less than 860
1,4-Dioxane ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	42	Less than 860

Remark:

Standard = Twenty Four Hour Volatile Organic Compounds (VOCs) in Ambient Air, Notification of the National Environmental Board, B.E. 2552

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.



Laboratory Supervisor

19/05/25

----- End of Report -----



Ref. No. A002/05/25

Report No. 2505/010

42/12/67

Ambient Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited Sampling Date : 29-30 April 2025
Project Location : 61/1 Moo 11, Bangngha-Thakhleng Road, Kaosamorkorn, Date Received : 2 May 2025
Tawung, Lopburi Date of Analysis : 2-16 May 2025
Client Name/Address : Asia Pet (Thailand) Limited Date Reported : 19 May 2025
Sampling by : Yottana Kongkaw
S.P.S. Consulting Service Co., Ltd.

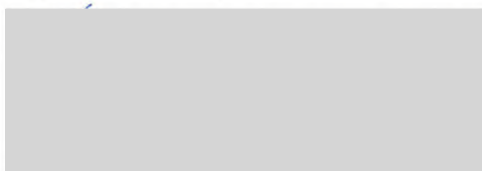
Parameter	Sampling Method	Analytical Method	Khao Samo Khon Public Health Center	Standard
Acetaldehyde ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	3.8	Less than 860
1,4-Dioxane ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	<0.20	Less than 860

Remark:

Standard = Twenty Four Hour Volatile Organic Compounds (VOCs) in Ambient Air, Notification of the National Environmental Board, B.E. 2552

Reported results refer to submitted samples only.

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Laboratory Supervisor

19/05/25

----- End of Report -----



Ref. No. A003/05/25

Report No. 2505/010

42/12/67

Ambient Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited
Project Location : 61/1 Moo 11, Bangngha-Thakhlong Road, Kaosamorkorn,
Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Limited
Sampling by : Yottana Kongkaw
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 29-30 April 2025
Date Received : 2 May 2025
Date of Analysis : 2-16 May 2025
Date Reported : 19 May 2025

Parameter	Sampling Method	Analytical Method	Tham Khao Tako School	Standard
Acetaldehyde ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	6.7	Less than 860
1,4-Dioxane ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	<0.20	Less than 860

Remark:

Standard = Twenty Four Hour Volatile Organic Compounds (VOCs) in Ambient Air, Notification of the National Environmental Board, B.E. 2552

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.

Laboratory Supervisor

19/05/25

----- End of Report -----



Ref. No. A711(1)-A711(7)/05/25

Report No. 2505/441

42/12/67

Ambient Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited Sampling Date : 26 May-2 June 2025
Project Location : 61/1 Moo 11, Bangngha-Thakhlong Road, Date Received : 4 June 2025
Kaosamorkorn, Tawung, Lopburi Date of Analysis : 4-16 June 2025
Client Name/Address : Asia Pet (Thailand) Limited Date Reported : 17 June 2025
Sampling by : Rattanakorn Yosruangsak
S.P.S. Consulting Service Co., Ltd.

Parameter	Sampling Method	Analytical Method	Project Area								Standard
			May-June 2025								
			26-27	27-28	28-29	29-30	30-31	31-1	1-2		
Total Suspended Particulate (mg/m ³)	High Volume Air Sampler	Gravimetric Method (U.S. EPA 40 CFR Part 50 Appendix B)	0.027	0.026	0.039	0.034	0.033	0.022	0.024	Less than 0.33 ^[1]	
Sulfur Dioxide (mg/m ³)	Midget Impinger	Pararosaniline Method (ASTM D2914)	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	Less than 0.30 ^[1]	
Sulfur Dioxide (ppm)	Midget Impinger	Pararosaniline Method (ASTM D2914)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	Less than 0.12 ^[1]	
Acetaldehyde (µg/m ³)	Canister	GC/MS Method (U.S. EPA Method TO-15)	12	-	-	-	-	-	-	Less than 860 ^[2]	
1,4-Dioxane (µg/m ³)	Canister	GC/MS Method (U.S. EPA Method TO-15)	33	-	-	-	-	-	-	Less than 860 ^[2]	

Remark:

Standard^[1] = Ambient Air Quality Standards, Notification of the National Environment Board No. 24, B.E. 2547

Standard^[2] = Twenty Four Hour Volatile Organic Compounds (VOCs) in Ambient Air, Notification of the National Environmental Board, B.E. 2552

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.

Laboratory Supervisor

17 / 06 / 25

----- End of Report -----



BY242/05/68

42/12/67

Nitrogen Dioxide Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 26 May - 2 June 2025
Project Location : 61/1 Moo 11, Bangngha-Thaklong Road Date Reported : 11 June 2025
Tambon Kaosamorkorn, Amphur Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Co., Ltd.
Sampling By : S.P.S. Consulting Service Co., Ltd.

Time	Project Area							Standard
	May - June 2025							
	26-27	27-28	28-29	29-30	30-31	31-1	1-2	
12:00-13:00	0.0172	0.0204	0.0230	0.0191	0.0183	0.0201	0.0171	-
13:00-14:00	0.0151	0.0182	0.0191	0.0178	0.0162	0.0171	0.0162	-
14:00-15:00	0.0160	0.0227	0.0202	0.0205	0.0144	0.0189	0.0180	-
15:00-16:00	0.0159	0.0176	0.0180	0.0233	0.0170	0.0152	0.0193	-
16:00-17:00	0.0181	0.0190	0.0167	0.0196	0.0167	0.0184	0.0231	-
17:00-18:00	0.0224	0.0162	0.0176	0.0185	0.0185	0.0229	0.0200	-
18:00-19:00	0.0192	0.0187	0.0192	0.0154	0.0160	0.0199	0.0174	-
19:00-20:00	0.0168	0.0163	0.0159	0.0174	0.0176	0.0172	0.0143	-
20:00-21:00	0.0178	0.0144	0.0165	0.0145	0.0151	0.0157	0.0169	-
21:00-22:00	0.0146	0.0154	0.0150	0.0168	0.0169	0.0145	0.0150	-
22:00-23:00	0.0157	0.0141	0.0144	0.0142	0.0152	0.0131	0.0149	-
23:00-00:00	0.0139	0.0122	0.0124	0.0139	0.0131	0.0149	0.0126	-
00:00-01:00	0.0102	0.0103	0.0118	0.0106	0.0110	0.0120	0.0101	-
01:00-02:00	0.0096	0.0099	0.0091	0.0097	0.0090	0.0097	0.0091	-
02:00-03:00	0.0113	0.0129	0.0103	0.0101	0.0100	0.0110	0.0125	-
03:00-04:00	0.0127	0.0149	0.0114	0.0128	0.0121	0.0135	0.0148	-
04:00-05:00	0.0140	0.0134	0.0132	0.0131	0.0150	0.0147	0.0139	-
05:00-06:00	0.0151	0.0140	0.0159	0.0155	0.0165	0.0154	0.0141	-
06:00-07:00	0.0149	0.0156	0.0140	0.0167	0.0185	0.0171	0.0155	-
07:00-08:00	0.0170	0.0175	0.0179	0.0172	0.0157	0.0158	0.0169	-
08:00-09:00	0.0157	0.0148	0.0181	0.0158	0.0195	0.0187	0.0191	-
09:00-10:00	0.0162	0.0160	0.0151	0.0161	0.0201	0.0164	0.0183	-
10:00-11:00	0.0186	0.0179	0.0178	0.0207	0.0215	0.0171	0.0116	-
11:00-12:00	0.0197	0.0198	0.0169	0.0171	0.0237	0.0168	0.0174	-
Max 1 hr [ppm]	0.0224	0.0227	0.0230	0.0233	0.0237	0.0229	0.0231	Less Than 0.17 [ppm]
Average 24 hr [ppm]	0.0157	0.0159	0.0158	0.0161	0.0162	0.0161	0.0158	-
Analyzer Data	Analyzer No. : NO _x -B15 Brand : API							-
	Model : 200A Serial No. : 213							

Remark:

Standard = Ambient Air Quality Standards (Nitrogen Dioxide), Notification of the National Environment Board, No. 33, B.E. 2552 (2009)
Sampling Method = Chemiluminescence Method

Reported results refer to measurement time only.

Do not copy partial of this measurement report without official approval.



Technical Supervisor

11 / 06 / 68



Ref. No. A713(1)-A713(7)/05/25

Report No. 2505/441

42/12/67

Ambient Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited Sampling Date : 26 May-2 June 2025
Project Location : 61/1 Moo 11, Bangngha-Thakhlong Road, Date Received : 4 June 2025
Kaosamorkorn, Tawung, Lopburi Date of Analysis : 4-16 June 2025
Client Name/Address : Asia Pet (Thailand) Limited Date Reported : 17 June 2025
Sampling by : Rattanakorn Yosruangsak
S.P.S. Consulting Service Co., Ltd.

Parameter	Sampling Method	Analytical Method	Tham Khao Tako School								Standard
			May-June 2025								
			26-27	27-28	28-29	29-30	30-31	31-1	1-2		
Total Suspended Particulate (mg/m ³)	High Volume Air Sampler	Gravimetric Method (U.S. EPA 40 CFR Part 50 Appendix B)	0.015	0.020	0.014	0.018	0.020	0.016	0.015	Less than 0.33 ^[1]	
Sulfur Dioxide (mg/m ³)	Midget Impinger	Pararosaniline Method (ASTM D2914)	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	Less than 0.30 ^[1]	
Sulfur Dioxide (ppm)	Midget Impinger	Pararosaniline Method (ASTM D2914)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	Less than 0.12 ^[1]	
Acetaldehyde (µg/m ³)	Canister	GC/MS Method (U.S. EPA Method TO-15)	2.4	-	-	-	-	-	-	Less than 860 ^[2]	
1,4-Dioxane (µg/m ³)	Canister	GC/MS Method (U.S. EPA Method TO-15)	<0.20	-	-	-	-	-	-	Less than 860 ^[2]	

Remark:

Standard^[1] = Ambient Air Quality Standards, Notification of the National Environment Board No. 24, B.E. 2547

Standard^[2] = Twenty Four Hour Volatile Organic Compounds (VOCs) in Ambient Air, Notification of the National Environmental Board, B.E. 2552

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.

Laboratory Supervisor

17 / 06 / 25

----- End of Report -----



BY242/05/68

42/12/67

Nitrogen Dioxide Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 26 May - 2 June 2025
Project Location : 61/1 Moo 11, Bangngha-Thaklong Road Date Reported : 11 June 2025
Tampon Kaosamorkorn, Amphur Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Co., Ltd.
Sampling By : S.P.S. Consulting Service Co., Ltd.

Time	Tham Khao Tako School							Standard
	May - June 2025							
	26-27	27-28	28-29	29-30	30-31	31-1	1-2	
13:00-14:00	0.0159	0.0141	0.0192	0.0223	0.0159	0.0147	0.0193	-
14:00-15:00	0.0184	0.0169	0.0221	0.0180	0.0190	0.0165	0.0178	-
15:00-16:00	0.0225	0.0189	0.0184	0.0167	0.0231	0.0170	0.0167	-
16:00-17:00	0.0191	0.0226	0.0159	0.0147	0.0182	0.0167	0.0199	-
17:00-18:00	0.0167	0.0197	0.0163	0.0130	0.0173	0.0180	0.0229	-
18:00-19:00	0.0192	0.0181	0.0149	0.0159	0.0189	0.0227	0.0206	-
19:00-20:00	0.0156	0.0166	0.0158	0.0171	0.0178	0.0196	0.0173	-
20:00-21:00	0.0160	0.0158	0.0147	0.0150	0.0160	0.0166	0.0165	-
21:00-22:00	0.0177	0.0166	0.0167	0.0162	0.0167	0.0151	0.0150	-
22:00-23:00	0.0167	0.0157	0.0140	0.0143	0.0153	0.0149	0.0140	-
23:00-00:00	0.0141	0.0142	0.0125	0.0130	0.0138	0.0137	0.0122	-
00:00-01:00	0.0123	0.0121	0.0108	0.0113	0.0112	0.0111	0.0114	-
01:00-02:00	0.0098	0.0094	0.0099	0.0100	0.0097	0.0099	0.0092	-
02:00-03:00	0.0107	0.0115	0.0116	0.0091	0.0104	0.0117	0.0101	-
03:00-04:00	0.0136	0.0132	0.0134	0.0122	0.0138	0.0120	0.0129	-
04:00-05:00	0.0157	0.0156	0.0141	0.0149	0.0158	0.0140	0.0138	-
05:00-06:00	0.0160	0.0146	0.0151	0.0158	0.0162	0.0167	0.0156	-
06:00-07:00	0.0143	0.0169	0.0161	0.0165	0.0149	0.0149	0.0143	-
07:00-08:00	0.0168	0.0149	0.0144	0.0178	0.0165	0.0163	0.0168	-
08:00-09:00	0.0158	0.0151	0.0165	0.0145	0.0174	0.0157	0.0178	-
09:00-10:00	0.0172	0.0167	0.0158	0.0168	0.0158	0.0179	0.0159	-
10:00-11:00	0.0163	0.0187	0.0169	0.0182	0.0183	0.0155	0.0170	-
11:00-12:00	0.0142	0.0190	0.0188	0.0174	0.0155	0.0160	0.0161	-
12:00-13:00	0.0151	0.0171	0.0176	0.0169	0.0163	0.0179	0.0187	-
Max 1 hr [ppm]	0.0225	0.0226	0.0221	0.0223	0.0231	0.0227	0.0229	Less Than 0.17 [ppm]
Average 24 hr [ppm]	0.0158	0.0160	0.0155	0.0153	0.0160	0.0156	0.0159	-
Analyzer Data	Analyzer No. : NO _x -B18							

Remark:

Standard = Ambient Air Quality Standards (Nitrogen Dioxide), Notification of the National Environment Board, No. 33, B.E. 2552 (2009)
Sampling Method = Chemiluminescence Method

Reported results refer to measurement time only.

Do not copy partial of this measurement report without official approval.

(Phimnatda Marongsri)

Technical Supervisor

M / 06 / 25



Ref. No. A712(1)-A712(7)/05/25

Report No. 2505/441

42/12/67

Ambient Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited Sampling Date : 26 May-2 June 2025
Project Location : 61/1 Moo 11, Bangnga-Thakhlong Road, Date Received : 4 June 2025
Kaosamorkorn, Tawung, Lopburi Date of Analysis : 4-16 June 2025
Client Name/Address : Asia Pet (Thailand) Limited Date Reported : 17 June 2025
Sampling by : Rattanakorn Yosruangsak
S.P.S. Consulting Service Co., Ltd.

Parameter	Sampling Method	Analytical Method	Khao Samo Khon Public Health Center								Standard
			May-June 2025								
			26-27	27-28	28-29	29-30	30-31	31-1	1-2		
Total Suspended Particulate (mg/m ³)	High Volume Air Sampler	Gravimetric Method (U.S. EPA 40 CFR Part 50 Appendix B)	0.017	0.021	0.020	0.023	0.018	0.020	0.021	Less than 0.33 ^[1]	
Sulfur Dioxide (mg/m ³)	Midget Impinger	Pararosaniline Method (ASTM D2914)	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	Less than 0.30 ^[1]	
Sulfur Dioxide (ppm)	Midget Impinger	Pararosaniline Method (ASTM D2914)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	Less than 0.12 ^[1]	
Acetaldehyde (µg/m ³)	Canister	GC/MS Method (U.S. EPA Method TO-15)	4.9	-	-	-	-	-	-	Less than 860 ^[2]	
1,4-Dioxane (µg/m ³)	Canister	GC/MS Method (U.S. EPA Method TO-15)	<0.20	-	-	-	-	-	-	Less than 860 ^[2]	

Remark:

Standard^[1] = Ambient Air Quality Standards, Notification of the National Environment Board No. 24, B.E. 2547

Standard^[2] = Twenty Four Hour Volatile Organic Compounds (VOCs) in Ambient Air, Notification of the National Environmental Board, B.E. 2552

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.

(Khwannapha Thongnop)

Laboratory Supervisor

17 / 06 / 25

----- End of Report -----



BY242/05/68

42/12/67

Nitrogen Dioxide Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 26 May - 2 June 2025
Project Location : 61/1 Moo 11, Bangngha-Thaklong Road Date Reported : 11 June 2025
Tambon Kaosamorkorn, Amphur Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Co., Ltd.
Sampling By : S.P.S. Consulting Service Co., Ltd.

Time	Khao Samo Khon Public Health Center							Standard
	May - June 2025							
	26-27	27-28	28-29	29-30	30-31	31-1	1-2	
13:00-14:00	0.0178	0.0160	0.0184	0.0208	0.0171	0.0185	0.0198	-
14:00-15:00	0.0166	0.0200	0.0153	0.0232	0.0201	0.0163	0.0164	-
15:00-16:00	0.0198	0.0229	0.0170	0.0198	0.0234	0.0159	0.0170	-
16:00-17:00	0.0223	0.0196	0.0196	0.0174	0.0186	0.0178	0.0189	-
17:00-18:00	0.0181	0.0160	0.0226	0.0143	0.0169	0.0203	0.0227	-
18:00-19:00	0.0179	0.0174	0.0190	0.0167	0.0175	0.0231	0.0188	-
19:00-20:00	0.0162	0.0154	0.0178	0.0197	0.0143	0.0191	0.0190	-
20:00-21:00	0.0154	0.0163	0.0157	0.0184	0.0162	0.0175	0.0162	-
21:00-22:00	0.0175	0.0141	0.0162	0.0163	0.0156	0.0155	0.0153	-
22:00-23:00	0.0160	0.0164	0.0143	0.0159	0.0148	0.0144	0.0152	-
23:00-00:00	0.0143	0.0131	0.0139	0.0132	0.0121	0.0127	0.0131	-
00:00-01:00	0.0129	0.0114	0.0107	0.0110	0.0110	0.0102	0.0122	-
01:00-02:00	0.0110	0.0099	0.0091	0.0095	0.0097	0.0093	0.0095	-
02:00-03:00	0.0091	0.0103	0.0105	0.0106	0.0122	0.0119	0.0104	-
03:00-04:00	0.0105	0.0126	0.0136	0.0110	0.0134	0.0122	0.0127	-
04:00-05:00	0.0121	0.0149	0.0151	0.0132	0.0151	0.0144	0.0143	-
05:00-06:00	0.0135	0.0164	0.0145	0.0155	0.0147	0.0155	0.0158	-
06:00-07:00	0.0168	0.0139	0.0168	0.0147	0.0152	0.0171	0.0169	-
07:00-08:00	0.0143	0.0151	0.0155	0.0168	0.0178	0.0140	0.0142	-
08:00-09:00	0.0154	0.0172	0.0171	0.0187	0.0194	0.0155	0.0154	-
09:00-10:00	0.0177	0.0156	0.0163	0.0153	0.0165	0.0160	0.0170	-
10:00-11:00	0.0165	0.0184	0.0180	0.0172	0.0184	0.0183	0.0159	-
11:00-12:00	0.0158	0.0157	0.0162	0.0162	0.0160	0.0169	0.0175	-
12:00-13:00	0.0176	0.0191	0.0195	0.0194	0.0197	0.0186	0.0162	-
Max 1 hr [ppm]	0.0223	0.0229	0.0226	0.0232	0.0234	0.0231	0.0227	Less Than 0.17 [ppm]
Average 24 hr [ppm]	0.0156	0.0157	0.0159	0.0160	0.0161	0.0159	0.0158	-
Analyzer Data	Analyzer No. : NO _x -B16 Brand : API							-
	Model : 200E Serial No. : 249							

Remark:

Standard = Ambient Air Quality Standards (Nitrogen Dioxide), Notification of the National Environment Board, No. 33, B.E. 2552 (2009)
Sampling Method = Chemiluminescence Method

Reported results refer to measurement time only.

Do not copy partial of this measurement report without official approval.

(Phimnatda Marongsri)

Technical Supervisor

11 / 01 / 25



Ref. No. A585/06/25

Report No. 2506/497

42/12/67

Ambient Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited
Project Location : 61/1 Moo 11, Bangngha-Thakhleng Road, Kaosamorkorn, Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Limited
Sampling by : Sitthisak Kumwongsa
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 24-25 June 2025
Date Received : 27 June 2025
Date of Analysis : 27 June-11 July 2025
Date Reported : 14 July 2025

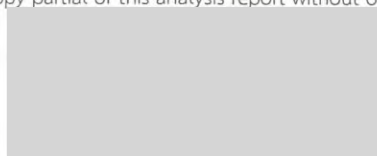
Parameter	Sampling Method	Analytical Method	Project Area	Standard
Acetaldehyde ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	8.0	Less than 860
1,4-Dioxane ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	12	Less than 860

Remark:

Standard = Twenty Four Hour Volatile Organic Compounds (VOCs) in Ambient Air, Notification of the National Environmental Board, B.E. 2552

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.



(Sujinda Vichasawad)

Laboratory Supervisor

14/07/25

----- End of Report -----



Ref. No. A586/06/25

Report No. 2506/497

42/12/67

Ambient Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited Sampling Date : 24-25 June 2025
Project Location : 61/1 Moo 11, Bangngha-Thakhlong Road, Kaosamorkorn, Date Received : 27 June 2025
Tawung, Lopburi Date of Analysis : 27 June-11 July 2025
Client Name/Address : Asia Pet (Thailand) Limited Date Reported : 14 July 2025
Sampling by : Sitthisak Kumwongsa
S.P.S. Consulting Service Co., Ltd.

Parameter	Sampling Method	Analytical Method	Khao Samo Khon Public Health Center	Standard
Acetaldehyde ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	3.2	Less than 860
1,4-Dioxane ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	<0.20	Less than 860

Remark:

Standard = Twenty Four Hour Volatile Organic Compounds (VOCs) in Ambient Air, Notification of the National Environmental Board, B.E. 2552

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.



(Sujinda Vichasawat)

Laboratory Supervisor

14 07 25

----- End of Report -----



Ref. No. A587/06/25

Report No. 2506/497

42/12/67

Ambient Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited
Project Location : 61/1 Moo 11, Bangngha-Thakhlong Road, Kaosamorkorn, Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Limited
Sampling by : Sitthisak Kumwongsa
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 24-25 June 2025
Date Received : 27 June 2025
Date of Analysis : 27 June-11 July 2025
Date Reported : 14 July 2025

Parameter	Sampling Method	Analytical Method	Tham Khao Tako School	Standard
Acetaldehyde ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	1.7	Less than 860
1,4-Dioxane ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	<0.20	Less than 860

Remark:

Standard = Twenty Four Hour Volatile Organic Compounds (VOCs) in Ambient Air, Notification of the National Environmental Board, B.E. 2552

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.

(Signature)

Laboratory Supervisor

14/07/25

----- End of Report -----

ความเร็วและทิศทางลม



BY242/05/68

42/12/67

Wind Speed and Wind Direction Measurement Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 26 May - 2 June 2025
Project Location : 61/1 Moo 11, Bangngha-Thaklong Road Date Reported : 11 June 2025
Tambon Kaosamorkorn, Amphur Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Co., Ltd.
Sampling By : S.P.S. Consulting Service Co., Ltd.

Wind Speed Wind Direction	Project Area				
	Percent of Wind Speed (%)				
	Light Air	Light Breeze	Gentle Breeze	Moderate Breeze	Fresh Breeze
	0.3-1.6 m/s (1-5 km/hr)	1.7-3.3 m/s (6-11 km/hr)	3.4-5.5 m/s (12-19 km/hr)	5.6-8.0 m/s (20-28 km/hr)	8.1-10.8 m/s (29-38 km/hr)
N (349°-11°)	-	-	-	-	-
NNE (11°-34°)	1.786	-	-	-	-
NE (34°-56°)	6.548	-	-	-	-
ENE (56°-79°)	1.786	-	-	-	-
E (79°-102°)	5.357	-	-	-	-
ESE (102°-124°)	10.119	-	-	-	-
SE (124°-146°)	8.333	-	-	-	-
SSE (146°-169°)	4.762	-	-	-	-
S (169°-191°)	7.738	-	-	-	-
SSW (191°-214°)	20.832	-	-	-	-
SW (214°-236°)	16.667	-	-	-	-
WSW (236°-259°)	11.905	-	-	-	-
W (259°-281°)	4.167	-	-	-	-
WNW (281°-304°)	-	-	-	-	-
NW (304°-326°)	-	-	-	-	-
NNW (326°-349°)	-	-	-	-	-
Total	100.000	0.000	0.000	0.000	0.000
Calm <0.3 m/s (<1 km/hr)	0.000				

Reported results refer to measurement time only.

Do not copy partial of this measurement report without official approval.

[Redacted Signature]

(Phimnatda Marongsri)

Technical Supervisor

11 / 06 / 25



BY242/05/68

42/12/67

Wind Speed and Wind Direction Measurement Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 26 May - 2 June 2025
Project Location : 61/1 Moo 11, Bangngha-Thaklong Road Date Reported : 11 June 2025
Tambon Kaosamorkorn, Amphur Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Co., Ltd.
Sampling By : S.P.S. Consulting Service Co., Ltd.

Time	Project Area											
	May 2025											
	26-27			27-28			28-29			29-30		
	WS		WD	WS		WD	WS		WD	WS		WD
	m/s	km/hr		m/s	km/hr		m/s	km/hr		m/s	km/hr	
12:00-13:00	0.4	1.6	NE	0.9	3.2	SSE	1.3	4.8	S	0.4	1.6	SSW
13:00-14:00	0.4	1.6	NE	0.9	3.2	S	0.4	1.6	WSW	0.4	1.6	SSW
14:00-15:00	0.4	1.6	SSW	0.4	1.6	S	0.4	1.6	WSW	0.4	1.6	SSW
15:00-16:00	0.4	1.6	SSW	0.9	3.2	WSW	0.4	1.6	WSW	0.4	1.6	SSW
16:00-17:00	0.4	1.6	SSW	0.4	1.6	WSW	0.4	1.6	SW	0.4	1.6	ESE
17:00-18:00	0.9	3.2	SSW	0.4	1.6	SW	0.4	1.6	SW	0.4	1.6	ESE
18:00-19:00	0.4	1.6	SSW	0.9	3.2	SW	0.4	1.6	SE	0.9	3.2	NE
19:00-20:00	0.4	1.6	SSW	0.4	1.6	SW	0.9	3.2	SE	0.9	3.2	NE
20:00-21:00	0.4	1.6	SSW	0.9	3.2	SW	0.9	3.2	SE	0.4	1.6	SSW
21:00-22:00	0.4	1.6	SSW	0.9	3.2	NE	0.9	3.2	SE	0.4	1.6	SSW
22:00-23:00	0.9	3.2	SSW	0.9	3.2	NE	0.9	3.2	SSW	0.4	1.6	SSW
23:00-00:00	0.9	3.2	SSW	0.4	1.6	SSW	0.4	1.6	SSW	0.4	1.6	SSW
00:00-01:00	0.4	1.6	WSW	0.4	1.6	SSW	0.4	1.6	SSW	0.4	1.6	SE
01:00-02:00	0.9	3.2	WSW	0.4	1.6	SSW	0.9	3.2	S	0.9	3.2	SE
02:00-03:00	0.4	1.6	WSW	0.9	3.2	SSW	0.9	3.2	S	0.9	3.2	SE
03:00-04:00	0.4	1.6	WSW	0.9	3.2	SSW	0.4	1.6	S	0.9	3.2	SW
04:00-05:00	0.9	3.2	WSW	0.4	1.6	SSW	0.4	1.6	S	0.9	3.2	SW
05:00-06:00	0.9	3.2	WSW	0.4	1.6	S	0.4	1.6	S	0.4	1.6	SW
06:00-07:00	0.9	3.2	WSW	0.9	3.2	S	0.4	1.6	SW	0.4	1.6	SW
07:00-08:00	0.9	3.2	WSW	0.9	3.2	S	0.9	3.2	SW	0.4	1.6	WSW
08:00-09:00	0.9	3.2	NE	0.4	1.6	S	0.9	3.2	SW	0.9	3.2	WSW
09:00-10:00	0.4	1.6	NE	0.4	1.6	ESE	0.9	3.2	WSW	0.9	3.2	WSW
10:00-11:00	0.9	3.2	SSE	0.4	1.6	ESE	0.4	1.6	WSW	0.9	3.2	WSW
11:00-12:00	0.9	3.2	SSE	0.9	3.2	S	0.4	1.6	WSW	0.4	1.6	E
Temperature Average (°C)	30.4			31.7			27.7			31.4		
Barometric Pressure Average (mmHg)	754.88			754.09			755.53			754.58		
Sky Condition	Fair			Fair			Fair			Fair		

Reported results refer to measurement time only.

Do not copy partial of this measurement report without official approval.

(Phimnatda Marongsri)

Technical Supervisor

11 / 06 / 25



BY242/05/68

42/12/67

Wind Speed and Wind Direction Measurement Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 26 May - 2 June 2025
Project Location : 61/1 Moo 11, Bangngha-Thaklong Road Date Reported : 11 June 2025
Tambon Kaosamorkorn, Amphur Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Co., Ltd.
Sampling By : S.P.S. Consulting Service Co., Ltd.

Time	Project Area								
	May - June 2025								
	30-31			31-1			1-2		
	WS		WD	WS		WD	WS		WD
	m/s	km/hr		m/s	km/hr		m/s	km/hr	
12:00-13:00	0.4	1.6	SE	0.4	1.6	E	0.4	1.6	SW
13:00-14:00	0.4	1.6	SE	0.4	1.6	E	0.9	3.2	SW
14:00-15:00	0.4	1.6	SE	0.4	1.6	E	0.4	1.6	SW
15:00-16:00	0.9	3.2	SE	0.9	3.2	SSE	0.9	3.2	SW
16:00-17:00	0.9	3.2	SE	0.9	3.2	SSE	0.9	3.2	E
17:00-18:00	0.4	1.6	SE	0.4	1.6	SSE	0.4	1.6	E
18:00-19:00	0.9	3.2	SE	0.9	3.2	SSE	0.4	1.6	NE
19:00-20:00	0.4	1.6	SW	0.4	1.6	SSE	0.4	1.6	NE
20:00-21:00	0.9	3.2	SW	0.4	1.6	NNE	0.4	1.6	ENE
21:00-22:00	0.4	1.6	SW	0.4	1.6	NNE	0.4	1.6	ENE
22:00-23:00	1.3	4.8	ESE	0.4	1.6	NNE	0.4	1.6	ENE
23:00-00:00	0.4	1.6	NE	0.9	3.2	W	0.4	1.6	ESE
00:00-01:00	0.4	1.6	SSW	0.4	1.6	W	0.4	1.6	ESE
01:00-02:00	1.3	4.8	SSW	0.4	1.6	W	0.4	1.6	ESE
02:00-03:00	0.4	1.6	SSW	0.4	1.6	W	0.9	3.2	ESE
03:00-04:00	0.4	1.6	SSW	0.4	1.6	W	0.9	3.2	ESE
04:00-05:00	0.9	3.2	SSW	0.9	3.2	W	0.4	1.6	ESE
05:00-06:00	0.9	3.2	SSW	0.4	1.6	W	0.4	1.6	SW
06:00-07:00	0.9	3.2	SW	0.4	1.6	ESE	0.4	1.6	SW
07:00-08:00	0.4	1.6	SW	0.4	1.6	ESE	0.4	1.6	SW
08:00-09:00	1.3	4.8	SW	0.4	1.6	ESE	0.9	3.2	SW
09:00-10:00	0.4	1.6	E	0.4	1.6	ESE	0.9	3.2	SW
10:00-11:00	0.4	1.6	E	0.4	1.6	ESE	0.9	3.2	SSW
11:00-12:00	0.4	1.6	E	0.4	1.6	ESE	0.9	3.2	SSW
Temperature Average (°C)	28.8			29.7			29.2		
Barometric Pressure Average (mmHg)	755.25			755.04			755.15		
Sky Condition	Cloudy and Rainy			Fair			Fair		

Reported results refer to measurement time only.

Do not copy partial of this measurement report without official approval.

(Phimnatda Marongsri)

Technical Supervisor

11 / 06 / 25



BY242/05/68

42/12/67

Wind Speed and Wind Direction Measurement Report

Project : Asia Pet (Thailand) Co., Ltd.

Sampling Date : 26 May - 2 June 2025

Project Location : 61/1 Moo 11, Bangngha-Thaklong Road

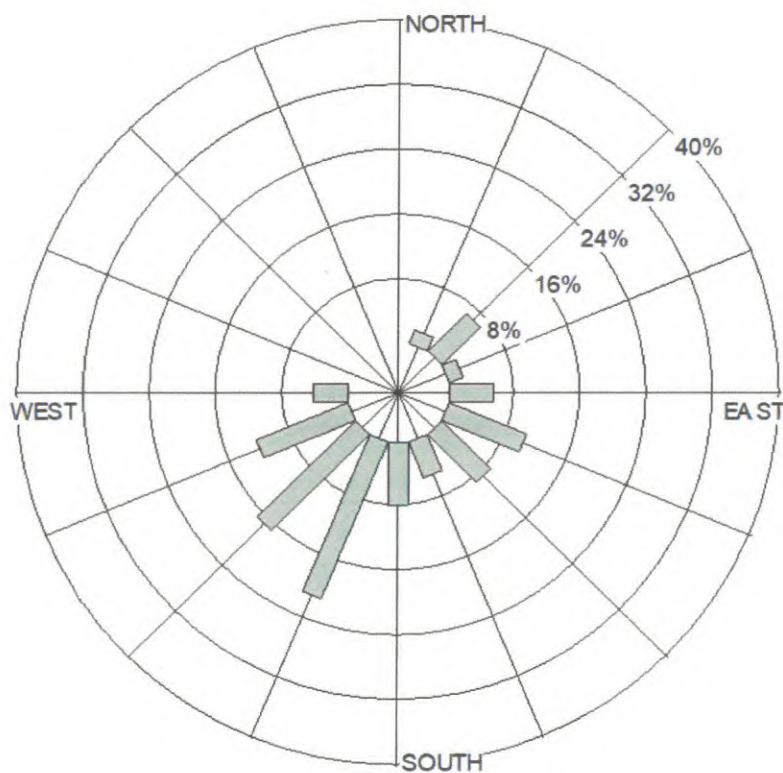
Date Reported : 11 June 2025

Tambon Kaosamorkorn, Amphur Tawung, Lopburi

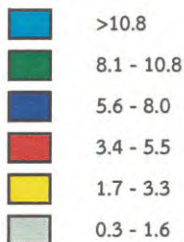
Client Name/Address : Asia Pet (Thailand) Co., Ltd.

Sampling By : S.P.S. Consulting Service Co., Ltd.

Project Area



WIND SPEED
(m/s)



Calms: 0.000%

Reported results refer to measurement time only.

Do not copy partial of this measurement report without official approval.

(Phimnatda Marongsri)

Technical Supervisor

11 / 06 / 25

คุณภาพอากาศจากปล่องระบาย



Ref. No. A720/05/25

Report No. 2505/483

42/12/67

Stack Air Quality Analysis Report

Company : Asia Pet (Thailand) Limited
Project Location : 61/1 Moo 11, Bangngha-Thakhlong Road,
Kaosamorkorn, Tawung, Lopburi
Client Name/Address : Mr. D.N. Pargain
Sampling by : Adul Dangklom (๓-011-๓-0023)
S.P.S. Consulting Service Co., Ltd. (๓-011)

Sampling Date : 27 May 2025
Date Received : 29 May 2025
Date of Analysis : 29 May-13 June 2025
Date Reported : 16 June 2025

Parameter	Unit	Sampling Method	Analytical Method	HTM Heater Stack No. 1		Standard	
						[1]	[2]
Sampling Time	-	-	-	10:50-11:32		-	-
Height	m.	-	-	35.0		-	-
Diameter	cm.	-	-	70.0		-	-
Barometric Pressure	mmHg	-	-	756.06		-	-
Absolute Stack Gas Pressure	mmHg	-	-	755.21		-	-
Dry Gas Meter Temperature	°C	-	-	33.7		-	-
Stack Temperature	°C	-	-	214		-	-
Moisture	%	-	-	4.15		-	-
Velocity	m/s	-	-	9.24		-	-
Flow Rate (Qsd)	m ³ /s	-	-	2.074		-	-
Carbon Dioxide	%	-	-	10.16		-	-
Oxygen	%	-	-	7.5	7.0	-	-
Excess Air	%	-	-	52.65	50.0	-	-
Total Suspended Particulate	mg/m ³	Isokinetic	Gravimetric Method (U.S. EPA Method 5)	101	103	240 ^{AV}	200
Emission Rate of Total Suspended Particulate	g/s	-	Calculate	0.209	-	-	0.61
Sulfur Dioxide	ppm	Midget Impinger	Titrimetric Method (U.S. EPA Method 6)	502	511	950 ^{BV}	907
Sulfur Dioxide	mg/m ³	Midget Impinger	Titrimetric Method (U.S. EPA Method 6)	1,314	1,338	2,487	2,374
Emission Rate of Sulfur Dioxide	g/s	-	Calculate	2.73	-	-	8.00
Oxides of Nitrogen	ppm	Vacuum Flask	Colorimetric Method (U.S. EPA Method 7)	116	118	200 ^{CV}	-
Oxides of Nitrogen	mg/m ³	Vacuum Flask	Colorimetric Method (U.S. EPA Method 7)	218	222	376	350
Emission Rate of Oxides of Nitrogen	g/s	-	Calculate	0.453	-	-	1.07
Carbon Monoxide	ppm	Gas Bag	Non-Dispersive Infrared Detection Method (U.S. EPA Method 10)	51	52	690	-
Carbon Monoxide	mg/m ³	Gas Bag	Non-Dispersive Infrared Detection Method (U.S. EPA Method 10)	58	59	790	-
Emission Rate of Carbon Monoxide	g/s	-	Calculate	0.121	-	-	-



Ref. No. A720/05/25

Report No. 2505/483

42/12/67

Stack Air Quality Analysis Report

Remark:

- Type of Fuel: Heavy Oil Grade C
- Fuel Consumption Rate: 14 L/min
- Capacity: 8 million kcal/hr
- Flow rate (Qsd) and pollutants are calculated under standard condition at 1 atmosphere or 760 mmHg and temperature 25 degree celsius and dry basis.

Standard^[1] = Industrial emission standards, notification of the ministry of industry B.E. 2549 (Production process with fuel combustion)

^{A/} Total suspended particulate from heat generating source Heavy oil as fuel

^{B/} Sulfur dioxide from heat generating source Heavy oil as fuel

^{C/} Oxides of nitrogen from heat generating source Heavy oil as fuel

Standard^[2] = Standard of EIA

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.

ว-011-ค-0026

Laboratory Supervisor

16 / 06 / 25

----- End of Report -----



Ref. No. A721/05/25

Report No. 2505/483

42/12/67

Stack Air Quality Analysis Report

Company : Asia Pet (Thailand) Limited
Project Location : 61/1 Moo 11, Bangngha-Thakhlong Road,
Kaosamorkorn,Tawung, Lopburi
Client Name/Address : Mr. D.N. Pargain
Sampling by : Adul Dangklom (๓-011-๓-0023)
S.P.S. Consulting Service Co., Ltd. (๓-011)

Sampling Date : 29 May 2025
Date Received : 29 May 2025
Date of Analysis : 29 May-13 June 2025
Date Reported : 16 June 2025

Parameter	Unit	Sampling Method	Analytical Method	HTM Heater Stack No. 2		Standard	
						[1]	[2]
Sampling Time	-	-	-	11:00-11:42		-	-
Height	m.	-	-	35.0		-	-
Diameter	cm.	-	-	68.0		-	-
Barometric Pressure	mmHg	-	-	756.06		-	-
Absolute Stack Gas Pressure	mmHg	-	-	755.14		-	-
Dry Gas Meter Temperature	°C	-	-	34.5		-	-
Stack Temperature	°C	-	-	242		-	-
Moisture	%	-	-	6.02		-	-
Velocity	m/s	-	-	11.34		-	-
Flow Rate (Qsd)	m ³ /s	-	-	2.225		-	-
Carbon Dioxide	%	-	-	11.59		-	-
Oxygen	%	-	-	5.6	7.0	-	-
Excess Air	%	-	-	34.41	50.0	-	-
Total Suspended Particulate	mg/m ³	Isokinetic	Gravimetric Method (U.S. EPA Method 5)	65	58	240 ^N	200
Emission Rate of Total Suspended Particulate	g/s	-	Calculate	0.145	-	-	0.44
Sulfur Dioxide	ppm	Midget Impinger	Titrimetric Method (U.S. EPA Method 6)	417	374	950 ^B	907
Sulfur Dioxide	mg/m ³	Midget Impinger	Titrimetric Method (U.S. EPA Method 6)	1,092	978	2,487	2,374
Emission Rate of Sulfur Dioxide	g/s	-	Calculate	2.43	-	-	5.21
Oxides of Nitrogen	ppm	Vacuum Flask	Colorimetric Method (U.S. EPA Method 7)	128	115	200 ^C	-
Oxides of Nitrogen	mg/m ³	Vacuum Flask	Colorimetric Method (U.S. EPA Method 7)	241	216	376	350
Emission Rate of Oxides of Nitrogen	g/s	-	Calculate	0.536	-	-	0.77
Carbon Monoxide	ppm	Gas Bag	Non-Dispersive Infrared Detection Method (U.S. EPA Method 10)	20	18	690	-
Carbon Monoxide	mg/m ³	Gas Bag	Non-Dispersive Infrared Detection Method (U.S. EPA Method 10)	23	21	790	-
Emission Rate of Carbon Monoxide	g/s	-	Calculate	0.051	-	-	-



Ref. No. A721/05/25

Report No. 2505/483

42/12/67

Stack Air Quality Analysis Report

Remark:

- Type of Fuel: Heavy Oil Grade C
- Fuel Consumption Rate: 8 L/min
- Capacity: 8 million kcal/hr
- Flow rate (Qsd) and pollutants are calculated under standard condition at 1 atmosphere or 760 mmHg and temperature 25 degree celsius and dry basis.

Standard^[1] = Industrial emission standards, notification of the ministry of industry B.E. 2549 (Production process with fuel combustion)

A/ Total suspended particulate from heat generating source Heavy oil as fuel

B/ Sulfur dioxide from heat generating source Heavy oil as fuel

C/ Oxides of nitrogen from heat generating source Heavy oil as fuel

Standard^[2] = Standard of EIA

Reported results refer to submitted samples only.

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ว-011-ค-0026

Laboratory Supervisor

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----- End of Report -----



Ref. No. A722/05/25

Report No. 2505/483

42/12/67

Stack Air Quality Analysis Report

Company : Asia Pet (Thailand) Limited
Project Location : 61/1 Moo 11, Bangngha-Thakhlong Road,
Kaosamorkorn,Tawung, Lopburi
Client Name/Address : Mr. D.N. Pargain
Sampling by : Adul Dangklom (จ-011-ค-0023)
S.P.S. Consulting Service Co., Ltd. (จ-011)

Sampling Date : 27 May 2025
Date Received : 29 May 2025
Date of Analysis : 29 May-13 June 2025
Date Reported : 16 June 2025

Parameter	Unit	Sampling Method	Analytical Method	Catalytic Off Gas Incinerator Stack of CP1	Standard	
					[1]	[2]
Sampling Time	-	-	-	14:30-15:12	-	-
Height	m.	-	-	30.0	-	-
Diameter	cm.	-	-	34.0	-	-
Barometric Pressure	mmHg	-	-	756.06	-	-
Absolute Stack Gas Pressure	mmHg	-	-	755.70	-	-
Dry Gas Meter Temperature	°C	-	-	34.5	-	-
Stack Temperature	°C	-	-	201	-	-
Moisture	%	-	-	3.45	-	-
Velocity	m/s	-	-	10.07	-	-
Flow Rate (Qsd)	m ³ /s	-	-	0.552	-	-
Carbon Dioxide	%	-	-	0.28	-	-
Oxygen	%	-	-	20.5	-	-
Oxides of Nitrogen	ppm	Vacuum Flask	Colorimetric Method (U.S. EPA Method 7)	16	200 ^{AV}	-
Oxides of Nitrogen	mg/m ³	Vacuum Flask	Colorimetric Method (U.S. EPA Method 7)	30	376	200
Emission Rate of Oxides of Nitrogen	g/s	-	Calculate	0.017	-	-
Carbon Monoxide	ppm	Gas Bag	Non-Dispersive Infrared Detection Method (U.S. EPA Method 10)	28	690	-
Carbon Monoxide	mg/m ³	Gas Bag	Non-Dispersive Infrared Detection Method (U.S. EPA Method 10)	33	790	100
Emission Rate of Carbon Monoxide	g/s	-	Calculate	0.018	-	-

Remark:

- Flow rate (Qsd) and pollutants are calculated under standard condition at 1 atmosphere or 760 mmHg and temperature 25 degree celsius and dry basis.

Standard^[1] = Industrial emission standards, notification of the ministry of industry B.E. 2549 (Production process with fuel combustion)

^{AV} Oxides of nitrogen from heat generating source other fuel

Standard^[2] = Standard of EIA (Clean gas values refer to actual measured oxygen content.)

Reported results refer to submitted samples only.

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----- End of Report -----



Ref. No. A722/05/25

Report No. 2505/483_1

42/12/67

Stack Air Quality Analysis Report

Company : Asia Pet (Thailand) Limited
Project Location : 61/1 Moo 11, Bangngha-Thakhlong Road,
Kaosamorkorn, Tawung, Lopburi
Client Name/Address : Mr. D.N. Pargain
Sampling by : Adul Dangklom
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 27 May 2025
Date Received : 29 May 2025
Date of Analysis : 29 May-13 June 2025
Date Reported : 16 June 2025

Parameter	Unit	Sampling Method	Analytical Method	Catalytic Off Gas Incinerator Stack of CP1	Standard	
					[1]	[2]
Sampling Time	-	-	-	14:30-15:12	-	-
Height	m.	-	-	30.0	-	-
Diameter	cm.	-	-	34.0	-	-
Barometric Pressure	mmHg	-	-	756.06	-	-
Absolute Stack Gas Pressure	mmHg	-	-	755.70	-	-
Dry Gas Meter Temperature	°C	-	-	34.5	-	-
Stack Temperature	°C	-	-	201	-	-
Moisture	%	-	-	3.45	-	-
Velocity	m/s	-	-	10.07	-	-
Flow Rate (Qsd)	m ³ /s	-	-	0.552	-	-
Carbon Dioxide	%	-	-	0.28	-	-
Oxygen	%	-	-	20.5	-	-
Acetaldehyde	mg/m ³	Sorbent Tube	GC/FID Method (U.S. EPA Method 18)	<0.2	-	-
Acetaldehyde	µg/m ³	Sorbent Tube	GC/FID Method (U.S. EPA Method 18)	<200	-	-
Emission Rate of Acetaldehyde	g/s	-	Calculate	<0.001	-	-

Remark:

- Flow rate (Qsd) and pollutants are calculated under standard condition at 1 atmosphere or 760 mmHg and temperature 25 degree celsius and dry basis.

Standard^[1] = Industrial emission standards, notification of the ministry of industry B.E. 2549 (Production process with fuel combustion)

Standard^[2] = Standard of EIA (Clean gas values refer to actual measured oxygen content.)

Reported results refer to submitted samples only.

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----- End of Report -----



Ref. No. A722/05/25

Report No. 2505/483_2

42/12/67

Stack Air Quality Analysis Report

Company : Asia Pet (Thailand) Limited Sampling Date : 27 May 2025
Project Location : 61/1 Moo 11, Bangnha-Thakhleng Road, Date Received : 29 May 2025
Kaosamorkorn, Tawung, Lopburi Date of Analysis : 29 May-13 June 2025
Client Name/Address : Mr. D.N. Pargain Date Reported : 16 June 2025
Sampling by : Adul Dangklom
S.P.S. Consulting Service Co., Ltd.

Parameter	Unit	Sampling Method	Analytical Method	Catalytic Off Gas Incinerator Stack of CP1	Standard	
					[1]	[2]
Sampling Time	-	-	-	14:30-15:12	-	-
Height	m.	-	-	30.0	-	-
Diameter	cm.	-	-	34.0	-	-
Barometric Pressure	mmHg	-	-	756.06	-	-
Absolute Stack Gas Pressure	mmHg	-	-	755.70	-	-
Dry Gas Meter Temperature	°C	-	-	34.5	-	-
Stack Temperature	°C	-	-	201	-	-
Moisture	%	-	-	3.45	-	-
Velocity	m/s	-	-	10.07	-	-
Flow Rate (Qsd)	m ³ /s	-	-	0.552	-	-
Carbon Dioxide	%	-	-	0.28	-	-
Oxygen	%	-	-	20.5	-	-
Total VOC	mg/m ³	Gas Bag	VOC Analyzer (PID)	17	-	20
Emission Rate of Total VOC	g/s	-	Calculate	0.009	-	-

Remark:

- Flow rate (Qsd) and pollutants are calculated under standard condition at 1 atmosphere or 760 mmHg and temperature 25 degree celsius and dry basis.

Standard^[1] = Industrial emission standards, notification of the ministry of industry B.E. 2549 (Production process with fuel combustion)

Standard^[2] = Standard of EIA (Clean gas values refer to actual measured oxygen content.)

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----- End of Report -----



Ref. No. A723/05/25

Report No. 2505/483

42/12/67

Stack Air Quality Analysis Report

Company : Asia Pet (Thailand) Limited
Project Location : 61/1 Moo 11, Bangngha-Thakhlong Road,
Kaosamorkorn, Tawung, Lopburi
Client Name/Address : Mr. D.N. Pargain
Sampling by : Adul Dangklom (จ-011-ค-0023)
S.P.S. Consulting Service Co., Ltd. (จ-011)

Sampling Date : 29 May 2025
Date Received : 29 May 2025
Date of Analysis : 29 May-13 June 2025
Date Reported : 16 June 2025

Parameter	Unit	Sampling Method	Analytical Method	Catalytic Off Gas Incinerator Stack of CP2	Standard	
					[1]	[2]
Sampling Time	-	-	-	14:00-14:42	-	-
Height	m.	-	-	30.0	-	-
Diameter	cm.	-	-	30.0	-	-
Barometric Pressure	mmHg	-	-	756.06	-	-
Absolute Stack Gas Pressure	mmHg	-	-	755.94	-	-
Dry Gas Meter Temperature	°C	-	-	36.5	-	-
Stack Temperature	°C	-	-	130	-	-
Moisture	%	-	-	5.17	-	-
Velocity	m/s	-	-	4.59	-	-
Flow Rate (Qsd)	m ³ /s	-	-	0.226	-	-
Carbon Dioxide	%	-	-	1.25	-	-
Oxygen	%	-	-	18.8	-	-
Oxides of Nitrogen	ppm	Vacuum Flask	Colorimetric Method (U.S. EPA Method 7)	5	200 ^{AV}	-
Oxides of Nitrogen	mg/m ³	Vacuum Flask	Colorimetric Method (U.S. EPA Method 7)	9	376	200
Emission Rate of Oxides of Nitrogen	g/s	-	Calculate	0.002	-	-
Carbon Monoxide	ppm	Gas Bag	Non-Dispersive Infrared Detection Method (U.S. EPA Method 10)	4.1	690	-
Carbon Monoxide	mg/m ³	Gas Bag	Non-Dispersive Infrared Detection Method (U.S. EPA Method 10)	4.7	790	100
Emission Rate of Carbon Monoxide	g/s	-	Calculate	0.001	-	-

Remark:

- Flow rate (Qsd) and pollutants are calculated under standard condition at 1 atmosphere or 760 mmHg and temperature 25 degree celsius and dry basis.

Standard^[1] = Industrial emission standards, notification of the ministry of industry B.E. 2549 (Production process with fuel combustion)

^{AV} Oxides of nitrogen from heat generating source other fuel

Standard^[2] = Standard of EIA (Clean gas values refer to actual measured oxygen content.)

Reported results refer to submitted samples only.

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Laboratory Supervisor

16 / 06 / 25

----- End of Report -----



Ref. No. A723/05/25

Report No. 2505/483_1

42/12/67

Stack Air Quality Analysis Report

Company : Asia Pet (Thailand) Limited Sampling Date : 29 May 2025
Project Location : 61/1 Moo 11, Bangngha-Thakhlong Road, Date Received : 29 May 2025
Kaosamorkorn, Tawung, Lopburi Date of Analysis : 29 May-13 June 2025
Client Name/Address : Mr. D.N. Pargain Date Reported : 16 June 2025
Sampling by : Adul Dangklom
S.P.S. Consulting Service Co., Ltd.

Parameter	Unit	Sampling Method	Analytical Method	Catalytic Off Gas Incinerator Stack of CP2	Standard	
					[1]	[2]
Sampling Time	-	-	-	14:00-14:42	-	-
Height	m.	-	-	30.0	-	-
Diameter	cm.	-	-	30.0	-	-
Barometric Pressure	mmHg	-	-	756.06	-	-
Absolute Stack Gas Pressure	mmHg	-	-	755.94	-	-
Dry Gas Meter Temperature	°C	-	-	36.5	-	-
Stack Temperature	°C	-	-	130	-	-
Moisture	%	-	-	5.17	-	-
Velocity	m/s	-	-	4.59	-	-
Flow Rate (Qsd)	m ³ /s	-	-	0.226	-	-
Carbon Dioxide	%	-	-	1.25	-	-
Oxygen	%	-	-	18.8	-	-
Acetaldehyde	mg/m ³	Sorbent Tube	GC/FID Method (U.S. EPA Method 18)	<0.2	-	-
Acetaldehyde	µg/m ³	Sorbent Tube	GC/FID Method (U.S. EPA Method 18)	<200	-	-
Emission Rate of Acetaldehyde	g/s	-	Calculate	<0.001	-	-

Remark:

- Flow rate (Qsd) and pollutants are calculated under standard condition at 1 atmosphere or 760 mmHg and temperature 25 degree celsius and dry basis.

Standard^[1] = Industrial emission standards, notification of the ministry of industry B.E. 2549 (Production process with fuel combustion)

Standard^[2] = Standard of EIA (Clean gas values refer to actual measured oxygen content.)

Reported results refer to submitted samples only.

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Laboratory Supervisor

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----- End of Report -----



บริษัท เอส.พี.เอส. คอนซัลติ้ง เซอร์วิส จำกัด

S.P.S. CONSULTING SERVICE CO., LTD.

7 ซอยพหลโยธิน 24 ถนนพหลโยธิน แขวงจอมพล เขตจตุจักร กรุงเทพฯ 10900

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Ref. No. A723/05/25

Report No. 2505/483_2

42/12/67

Stack Air Quality Analysis Report

Company : Asia Pet (Thailand) Limited
Project Location : 61/1 Moo 11, Bangngha-Thakhlong Road,
Kaosamorkorn,Tawung, Lopburi
Client Name/Address : Mr. D.N. Pargain
Sampling by : Adul Dangklom
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 29 May 2025
Date Received : 29 May 2025
Date of Analysis : 29 May-13 June 2025
Date Reported : 16 June 2025

Parameter	Unit	Sampling Method	Analytical Method	Catalytic Off Gas Incinerator Stack of CP2	Standard	
					[1]	[2]
Sampling Time	-	-	-	14:00-14:42	-	-
Height	m.	-	-	30.0	-	-
Diameter	cm.	-	-	30.0	-	-
Barometric Pressure	mmHg	-	-	756.06	-	-
Absolute Stack Gas Pressure	mmHg	-	-	755.94	-	-
Dry Gas Meter Temperature	°C	-	-	36.5	-	-
Stack Temperature	°C	-	-	130	-	-
Moisture	%	-	-	5.17	-	-
Velocity	m/s	-	-	4.59	-	-
Flow Rate (Qsd)	m ³ /s	-	-	0.226	-	-
Carbon Dioxide	%	-	-	1.25	-	-
Oxygen	%	-	-	18.8	-	-
Total VOC	mg/m ³	Gas Bag	VOC Analyzer (PID)	16	-	20
Emission Rate of Total VOC	g/s	-	Calculate	0.004	-	-

Remark:

- Flow rate (Qsd) and pollutants are calculated under standard condition at 1 atmosphere or 760 mmHg and temperature 25 degree celsius and dry basis.

Standard^[1] = Industrial emission standards, notification of the ministry of industry B.E. 2549 (Production process with fuel combustion)

Standard^[2] = Standard of EIA (Clean gas values refer to actual measured oxygen content.)

Reported results refer to submitted samples only.

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Laboratory Supervisor

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----- End of Report -----

ระดับเสียงในบรรยากาศ



BY242/05/68

42/12/67

Noise Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 27-28 May 2025
Project Location : 61/1 Moo 11, Bangnga-Thaklong Road Date Reported : 11 June 2025
Tambon Kaosamorkorn, Amphur Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Co., Ltd.
Sampling By : S.P.S. Consulting Service Co., Ltd.

Time	The East of the Project Boundary (E)		Standard		
	L _{eq} 1 hr [dB(A)]	L ₉₀ [dB(A)]			
13:00-14:00	57.6	55.4	-		
14:00-15:00	59.7	55.7	-		
15:00-16:00	61.3	56.6	-		
16:00-17:00	62.9	55.9	-		
17:00-18:00	60.6	57.8	-		
18:00-19:00	60.7	55.5	-		
19:00-20:00	59.4	55.3	-		
20:00-21:00	57.5	54.9	-		
21:00-22:00	55.2	54.6	-		
22:00-23:00	55.3	54.5	-		
23:00-00:00	56.6	54.4	-		
00:00-01:00	57.9	55.5	-		
01:00-02:00	55.6	54.4	-		
02:00-03:00	56.3	54.7	-		
03:00-04:00	56.7	54.5	-		
04:00-05:00	60.1	55.9	-		
05:00-06:00	58.1	56.0	-		
06:00-07:00	62.1	55.3	-		
07:00-08:00	60.5	55.7	-		
08:00-09:00	57.2	55.1	-		
09:00-10:00	61.3	56.6	-		
10:00-11:00	62.0	56.5	-		
11:00-12:00	62.4	57.9	-		
12:00-13:00	63.9	57.1	-		
L _{eq} 24 hr [dB(A)]	59.9	-	Less Than 70.0		
L _{max} [dB(A)]	89.4	-	Less Than 115.0		
L _{dn} [dB(A)]	65.1	-	-		
-	Sound Level Meter Data		-		
	Calibrate Sheet No.: Noise B_209/25				
	25 May 2025				
	SLM No.	Brand		Model	Serial No.
	ACO-R19	ACO		6236	00182001
	Actual Reading [dB]				
	Before Adjustment	After Adjustment			
	93.9	93.9			

Remark:

Standard = Nuisance Noise and Noise Level from Factory Activities, Notification of the Ministry of Industry, B.E. 2548 (2005)

Sampling Method = Sound Level Meter

Acoustic Calibrator, ACO, Model 2127, S/N. 130006

Reported results refer to measurement time only.

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BY242/05/68

42/12/67

Noise Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 27-28 May 2025
Project Location : 61/1 Moo 11, Bangnga-Thaklong Road Date Reported : 11 June 2025
Tambon Kaosamorkorn, Amphur Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Co., Ltd.
Sampling By : S.P.S. Consulting Service Co., Ltd.

Time	The South of the project boundary (S)			Standard	
	L _{eq} 1 hr [dB(A)]		L ₉₀ [dB(A)]		
13:00-14:00	66.6		64.8	-	
14:00-15:00	68.2		65.4	-	
15:00-16:00	67.1		65.1	-	
16:00-17:00	68.9		67.5	-	
17:00-18:00	69.5		66.3	-	
18:00-19:00	68.0		67.8	-	
19:00-20:00	69.6		67.3	-	
20:00-21:00	68.0		67.1	-	
21:00-22:00	69.6		68.1	-	
22:00-23:00	68.4		68.0	-	
23:00-00:00	69.7		67.4	-	
00:00-01:00	68.3		65.4	-	
01:00-02:00	69.6		66.9	-	
02:00-03:00	68.8		67.0	-	
03:00-04:00	69.1		67.2	-	
04:00-05:00	70.1		67.8	-	
05:00-06:00	70.3		65.3	-	
06:00-07:00	69.0		65.7	-	
07:00-08:00	68.8		65.0	-	
08:00-09:00	69.4		67.7	-	
09:00-10:00	70.0		68.6	-	
10:00-11:00	68.9		65.8	-	
11:00-12:00	67.9		65.6	-	
12:00-13:00	66.2		63.6	-	
L _{eq} 24 hr [dB(A)]	68.9		-	Less Than 70.0	
L _{max} [dB(A)]	98.2		-	Less Than 115.0	
L _{dn} [dB(A)]	75.6		-	-	
-	Sound Level Meter Data			-	
	Calibrate Sheet No.: Noise B_209/25		25 May 2025		
	SLM No.	Brand	Model		Serial No.
	ACO-R17	ACO	6236		00172064
	Actual Reading [dB]				
	Before Adjustment		After Adjustment		
	93.8		93.9		

Remark:

Standard = Nuisance Noise and Noise Level from Factory Activities, Notification of the Ministry of Industry, B.E. 2548 (2005)

Sampling Method = Sound Level Meter

Acoustic Calibrator, ACO, Model 2127, S/N. 130006

Reported results refer to measurement time only.

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(Phimnatda Marongsri)

Technical Supervisor

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Noise Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 27-28 May 2025
Project Location : 61/1 Moo 11, Bangngha-Thaklong Road Date Reported : 11 June 2025
Tambon Kaosamorkorn, Amphur Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Co., Ltd.
Sampling By : S.P.S. Consulting Service Co., Ltd.

Time	The West of the project boundary (W)		Standard		
	L _{eq} 1 hr [dB(A)]	L ₉₀ [dB(A)]			
13:00-14:00	59.4	56.0	-		
14:00-15:00	62.3	57.5	-		
15:00-16:00	61.4	57.2	-		
16:00-17:00	63.3	57.0	-		
17:00-18:00	61.5	57.2	-		
18:00-19:00	61.7	57.3	-		
19:00-20:00	62.7	58.7	-		
20:00-21:00	62.2	56.8	-		
21:00-22:00	59.0	56.2	-		
22:00-23:00	59.5	56.1	-		
23:00-00:00	57.1	55.1	-		
00:00-01:00	57.8	55.8	-		
01:00-02:00	57.5	55.8	-		
02:00-03:00	57.6	55.6	-		
03:00-04:00	57.0	54.9	-		
04:00-05:00	58.4	55.7	-		
05:00-06:00	61.8	59.3	-		
06:00-07:00	63.2	56.8	-		
07:00-08:00	60.4	55.9	-		
08:00-09:00	60.5	56.6	-		
09:00-10:00	63.3	58.0	-		
10:00-11:00	63.3	58.6	-		
11:00-12:00	62.4	58.2	-		
12:00-13:00	64.1	58.9	-		
L _{eq} 24 hr [dB(A)]	61.3	-	Less Than 70.0		
L _{max} [dB(A)]	92.3	-	Less Than 115.0		
L _{dn} [dB(A)]	66.3	-	-		
-	Sound Level Meter Data		-		
	Calibrate Sheet No.: Noise B_209/25				
	25 May 2025				
	SLM No.	Brand		Model	Serial No.
	ACO-R18	ACO		6236	00172065
	Actual Reading [dB]				
	Before Adjustment	After Adjustment			
	93.7	93.9			

Remark:

Standard = Nuisance Noise and Noise Level from Factory Activities, Notification of the Ministry of Industry, B.E. 2548 (2005)

Sampling Method = Sound Level Meter

Acoustic Calibrator, ACO, Model 2127, S/N. 130006

Reported results refer to measurement time only.

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Technical Supervisor

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Noise Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 27-28 May 2025
Project Location : 61/1 Moo 11, Bangngha-Thaklong Road Date Reported : 11 June 2025
Tambon Kaosamorkorn, Amphur Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Co., Ltd.
Sampling By : S.P.S. Consulting Service Co., Ltd.

Time	The North of the project boundary (N)		Standard		
	L _{eq} 1 hr [dB(A)]	L ₉₀ [dB(A)]			
12:00-13:00	58.6	55.7	-		
13:00-14:00	61.5	56.1	-		
14:00-15:00	62.9	57.6	-		
15:00-16:00	59.8	57.1	-		
16:00-17:00	63.9	55.2	-		
17:00-18:00	59.5	55.5	-		
18:00-19:00	61.6	56.4	-		
19:00-20:00	60.7	58.7	-		
20:00-21:00	65.1	60.4	-		
21:00-22:00	61.6	55.7	-		
22:00-23:00	57.1	55.1	-		
23:00-00:00	57.2	55.0	-		
00:00-01:00	58.8	56.0	-		
01:00-02:00	56.2	54.7	-		
02:00-03:00	55.2	54.6	-		
03:00-04:00	55.3	54.1	-		
04:00-05:00	55.7	54.7	-		
05:00-06:00	56.2	54.9	-		
06:00-07:00	60.1	58.5	-		
07:00-08:00	65.1	60.1	-		
08:00-09:00	64.9	56.3	-		
09:00-10:00	57.4	55.0	-		
10:00-11:00	61.0	56.7	-		
11:00-12:00	60.4	56.8	-		
L _{eq} 24 hr [dB(A)]	60.9	-	Less Than 70.0		
L _{max} [dB(A)]	87.8	-	Less Than 115.0		
L _{dn} [dB(A)]	64.8	-	-		
-	Sound Level Meter Data		-		
	Calibrate Sheet No.: Noise B_209/25				
	25 May 2025				
	SLM No.	Brand		Model	Serial No.
	ACO-B02	ACO		6236	00222306
	Actual Reading [dB]				
	Before Adjustment	After Adjustment			
	93.8	93.9			

Remark:

Standard = Nuisance Noise and Noise Level from Factory Activities, Notification of the Ministry of Industry, B.E. 2548 (2005)

Sampling Method = Sound Level Meter

Acoustic Calibrator, ACO, Model 2127, S/N. 130006

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Technical Supervisor

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Noise Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 27-28 May 2025
Project Location : 61/1 Moo 11, Bangnga-Thaklong Road Date Reported : 11 June 2025
Tambon Kaosamorkorn, Amphur Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Co., Ltd.
Sampling By : S.P.S. Consulting Service Co., Ltd.

Time	Khao Samo Khon Public Health Center			Standard	
	L _{eq} 1 hr [dB(A)]		L ₉₀ [dB(A)]		
14:00-15:00	57.4		51.3	-	
15:00-16:00	56.8		51.2	-	
16:00-17:00	57.9		51.5	-	
17:00-18:00	57.0		52.7	-	
18:00-19:00	56.9		50.8	-	
19:00-20:00	57.1		52.4	-	
20:00-21:00	56.8		52.1	-	
21:00-22:00	55.8		51.6	-	
22:00-23:00	54.5		51.0	-	
23:00-00:00	53.7		49.8	-	
00:00-01:00	52.5		48.5	-	
01:00-02:00	52.1		48.2	-	
02:00-03:00	52.0		47.8	-	
03:00-04:00	52.8		47.2	-	
04:00-05:00	53.5		48.8	-	
05:00-06:00	55.4		50.8	-	
06:00-07:00	56.3		51.7	-	
07:00-08:00	58.5		52.8	-	
08:00-09:00	57.9		51.8	-	
09:00-10:00	56.8		50.7	-	
10:00-11:00	56.6		50.3	-	
11:00-12:00	56.9		50.7	-	
12:00-13:00	57.4		51.1	-	
13:00-14:00	51.6		45.4	-	
L _{eq} 24 hr [dB(A)]	56.1		-	Less Than 70.0	
L _{max} [dB(A)]	82.6		-	Less Than 115.0	
L _{dn} [dB(A)]	60.9		-	-	
-	Sound Level Meter Data			-	
	Calibrate Sheet No.: Noise B_209/25		25 May 2025		
	SLM No.	Brand	Model		Serial No.
	ACO-C1-B02	ACO	6238		00223039
	Actual Reading [dB]				
	Before Adjustment		After Adjustment		
	93.9		93.9		

Remark:

Standard = Community Noise Standards, Notification of the National Environment Board, No. 15, B.E. 2540 (1997)

Sampling Method = Sound Level Meter

Acoustic Calibrator, ACO, Model 2127, S/N. 130006

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Technical Supervisor

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Noise Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 27-28 May 2025
Project Location : 61/1 Moo 11, Bangngha-Thaklong Road Date Reported : 11 June 2025
Tambon Kaosamorkorn, Amphur Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Co., Ltd.
Sampling By : S.P.S. Consulting Service Co., Ltd.

Time	Tham Khao Tako School			Standard	
	L_{eq} 1 hr [dB(A)]		L_{90} [dB(A)]		
13:00-14:00	56.2		50.6	-	
14:00-15:00	56.9		50.7	-	
15:00-16:00	56.7		50.4	-	
16:00-17:00	57.3		51.8	-	
17:00-18:00	58.1		51.6	-	
18:00-19:00	57.1		51.4	-	
19:00-20:00	56.3		50.2	-	
20:00-21:00	54.9		50.5	-	
21:00-22:00	55.0		51.8	-	
22:00-23:00	53.7		51.7	-	
23:00-00:00	53.3		51.0	-	
00:00-01:00	51.5		50.2	-	
01:00-02:00	51.8		50.6	-	
02:00-03:00	51.2		50.1	-	
03:00-04:00	50.3		47.7	-	
04:00-05:00	50.5		48.3	-	
05:00-06:00	54.6		50.4	-	
06:00-07:00	57.2		52.7	-	
07:00-08:00	59.0		53.1	-	
08:00-09:00	56.3		50.1	-	
09:00-10:00	56.9		50.2	-	
10:00-11:00	57.2		49.8	-	
11:00-12:00	55.2		50.7	-	
12:00-13:00	56.3		50.6	-	
L_{eq} 24 hr [dB(A)]	55.7		-	Less Than 70.0	
L_{max} [dB(A)]	90.4		-	Less Than 115.0	
L_{dn} [dB(A)]	60.4		-	-	
-	Sound Level Meter Data			-	
	Calibrate Sheet No.: Noise B_209/25		25 May 2025		
	SLM No.	Brand	Model		Serial No.
	ACO-C1-B03	ACO	6238		00223040
	Actual Reading [dB]				
	Before Adjustment		After Adjustment		
	93.9		93.9		

Remark:

Standard = Community Noise Standards, Notification of the National Environment Board, No. 15, B.E. 2540 (1997)

Sampling Method = Sound Level Meter

Acoustic Calibrator, ACO, Model 2127, S/N. 130006

Reported results refer to measurement time only.

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Nuisance Noise Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 27-28 May 2025
Project Location : 61/1 Moo 11, Bangngha-Thaklong Road Date Reported : 11 June 2025
Tambon Kaosamorkorn, Amphur Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Co., Ltd.
Sampling By : S.P.S. Consulting Service Co., Ltd.

Time	Khao Samo Khon Public Health Center				
	Source Of Noise Level	Residual Noise Level**	Specific Noise Level	Background Noise Level*	Nuisance Noise Level
	L_{eq} [dB(A)]	L_{eq} [dB(A)]	L_{eq} [dB(A)]	L_{90} [dB(A)]	[dB(A)]
14:00-14:05	51.0	54.7	*	49.7	*
14:05-14:10	54.7	54.7	*	49.7	*
14:10-14:15	58.7	54.7	59.5	49.7	9.8
14:15-14:20	58.2	54.7	58.6	49.7	8.9
14:20-14:25	58.3	54.7	58.8	49.7	9.1
14:25-14:30	56.3	54.7	54.2	49.7	4.5
14:30-14:35	58.3	54.7	58.8	49.7	9.1
14:35-14:40	56.6	54.7	55.1	49.7	5.4
14:40-14:45	57.9	54.7	58.1	49.7	8.4
14:45-14:50	57.8	54.7	57.9	49.7	8.2
14:50-14:55	58.0	54.7	58.3	49.7	8.6
14:55-15:00	58.5	54.7	59.2	49.7	9.5
15:00-15:05	57.1	55.0	55.9	46.0	9.9
15:05-15:10	56.4	55.0	53.8	46.0	7.8
15:10-15:15	57.0	55.0	55.7	46.0	9.7
15:15-15:20	56.9	55.0	55.4	46.0	9.4
15:20-15:25	57.1	55.0	55.9	46.0	9.9
15:25-15:30	56.8	55.0	55.1	46.0	9.1
15:30-15:35	57.0	55.0	55.7	46.0	9.7
15:35-15:40	56.6	55.0	54.5	46.0	8.5
15:40-15:45	57.0	55.0	55.7	46.0	9.7
15:45-15:50	57.1	55.0	55.9	46.0	9.9
15:50-15:55	56.7	55.0	54.8	46.0	8.8
15:55-16:00	56.4	55.0	53.8	46.0	7.8
16:00-16:05	57.2	56.4	52.5	47.7	4.8
16:05-16:10	58.2	56.4	56.5	47.7	8.8
16:10-16:15	56.4	56.4	*	47.7	*
16:15-16:20	58.4	56.4	57.1	47.7	9.4
16:20-16:25	57.5	56.4	54.0	47.7	6.3
16:25-16:30	57.8	56.4	55.2	47.7	7.5
16:30-16:35	58.3	56.4	56.8	47.7	9.1
16:35-16:40	57.9	56.4	55.6	47.7	7.9
16:40-16:45	58.2	56.4	56.5	47.7	8.8
16:45-16:50	57.7	56.4	54.8	47.7	7.1
16:50-16:55	58.6	56.4	57.6	47.7	9.9
16:55-17:00	58.2	56.4	56.5	47.7	8.8
17:00-17:05	56.7	55.1	54.6	47.7	6.9
17:05-17:10	56.5	55.1	53.9	47.7	6.2
17:10-17:15	56.9	55.1	55.2	47.7	7.5
17:15-17:20	57.1	55.1	55.8	47.7	8.1
17:20-17:25	57.4	55.1	56.5	47.7	8.8
17:25-17:30	56.7	55.1	54.6	47.7	6.9
17:30-17:35	56.5	55.1	53.9	47.7	6.2
17:35-17:40	57.4	55.1	56.5	47.7	8.8
17:40-17:45	56.8	55.1	54.9	47.7	7.2
17:45-17:50	57.5	55.1	56.8	47.7	9.1
17:50-17:55	57.8	55.1	57.5	47.7	9.8
17:55-18:00	56.1	55.1	52.2	47.7	4.5
18:00-18:05	56.9	54.5	56.2	47.6	8.6



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Nuisance Noise Level Report

Time	Khao Samo Khon Public Health Center				
	Source Of Noise Level	Residual Noise Level**	Specific Noise Level	Background Noise Level*	Nuisance Noise Level
	L_{eq} [dB(A)]	L_{eq} [dB(A)]	L_{eq} [dB(A)]	L_{90} [dB(A)]	[dB(A)]
18:05-18:10	57.4	54.5	57.3	47.6	9.7
18:10-18:15	57.1	54.5	56.6	47.6	9.0
18:15-18:20	56.6	54.5	55.4	47.6	7.8
18:20-18:25	56.9	54.5	56.2	47.6	8.6
18:25-18:30	57.1	54.5	56.6	47.6	9.0
18:30-18:35	57.5	54.5	57.5	47.6	9.9
18:35-18:40	56.9	54.5	56.2	47.6	8.6
18:40-18:45	56.1	54.5	54.0	47.6	6.4
18:45-18:50	56.8	54.5	55.9	47.6	8.3
18:50-18:55	56.9	54.5	56.2	47.6	8.6
18:55-19:00	56.6	54.5	55.4	47.6	7.8
19:00-19:05	57.4	55.4	56.1	51.8	4.3
19:05-19:10	55.3	55.4	*	51.8	*
19:10-19:15	55.0	55.4	*	51.8	*
19:15-19:20	57.5	55.4	56.3	51.8	4.5
19:20-19:25	56.8	55.4	54.2	51.8	2.4
19:25-19:30	58.8	55.4	59.1	51.8	7.3
19:30-19:35	57.0	55.4	54.9	51.8	3.1
19:35-19:40	58.3	55.4	58.2	51.8	6.4
19:40-19:45	57.5	55.4	56.3	51.8	4.5
19:45-19:50	57.0	55.4	54.9	51.8	3.1
19:50-19:55	57.3	55.4	55.8	51.8	4.0
19:55-20:00	56.0	55.4	50.1	51.8	-1.7
20:00-20:05	55.7	53.2	55.1	48.9	6.2
20:05-20:10	57.3	53.2	58.2	48.9	9.3
20:10-20:15	57.7	53.2	58.8	48.9	9.9
20:15-20:20	55.9	53.2	55.6	48.9	6.7
20:20-20:25	56.8	53.2	57.3	48.9	8.4
20:25-20:30	55.0	53.2	53.3	48.9	4.4
20:30-20:35	56.8	53.2	57.3	48.9	8.4
20:35-20:40	56.1	53.2	56.0	48.9	7.1
20:40-20:45	57.6	53.2	58.6	48.9	9.7
20:45-20:50	57.3	53.2	58.2	48.9	9.3
20:50-20:55	56.8	53.2	57.3	48.9	8.4
20:55-21:00	57.4	53.2	58.3	48.9	9.4
21:00-21:05	54.7	52.6	53.5	47.6	5.9
21:05-21:10	56.4	52.6	57.1	47.6	9.5
21:10-21:15	56.6	52.6	57.4	47.6	9.8
21:15-21:20	56.4	52.6	57.1	47.6	9.5
21:20-21:25	56.6	52.6	57.4	47.6	9.8
21:25-21:30	54.3	52.6	52.4	47.6	4.8
21:30-21:35	56.4	52.6	57.1	47.6	9.5
21:35-21:40	56.6	52.6	57.4	47.6	9.8
21:40-21:45	55.4	52.6	55.2	47.6	7.6
21:45-21:50	55.8	52.6	56.0	47.6	8.4
21:50-21:55	56.4	52.6	57.1	47.6	9.5
21:55-22:00	52.5	52.6	*	47.6	*
22:00-22:05	55.0	50.7	56.0	46.4	9.6
22:05-22:10	54.3	50.7	54.8	46.4	8.4
22:10-22:15	54.9	50.7	55.8	46.4	9.4
22:15-22:20	54.6	50.7	55.3	46.4	8.9
22:20-22:25	53.3	50.7	52.8	46.4	6.4
22:25-22:30	54.1	50.7	54.4	46.4	8.0
22:30-22:35	54.9	50.7	55.8	46.4	9.4
22:35-22:40	54.7	50.7	55.5	46.4	9.1
22:40-22:45	54.4	50.7	55.0	46.4	8.6
22:45-22:50	54.9	50.7	55.8	46.4	9.4



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Nuisance Noise Level Report

Time	Khao Samo Khon Public Health Center				
	Source Of Noise Level	Residual Noise Level**	Specific Noise Level	Background Noise Level*	Nuisance Noise Level
	L_{eq} [dB(A)]	L_{eq} [dB(A)]	L_{eq} [dB(A)]	L_{90} [dB(A)]	[dB(A)]
22:50-22:55	54.2	50.7	54.6	46.4	8.2
22:55-23:00	53.9	50.7	54.1	46.4	7.7
23:00-23:05	55.0	50.7	56.0	46.7	9.3
23:05-23:10	53.5	50.7	53.3	46.7	6.6
23:10-23:15	54.4	50.7	55.0	46.7	8.3
23:15-23:20	55.4	50.7	56.6	46.7	9.9
23:20-23:25	54.7	50.7	55.5	46.7	8.8
23:25-23:30	50.8	50.7	37.4	46.7	-9.3
23:30-23:35	53.0	50.7	52.1	46.7	5.4
23:35-23:40	50.9	50.7	40.4	46.7	-6.3
23:40-23:45	52.4	50.7	50.5	46.7	3.8
23:45-23:50	53.2	50.7	52.6	46.7	5.9
23:50-23:55	55.4	50.7	56.6	46.7	9.9
23:55-00:00	52.5	50.7	50.8	46.7	4.1
00:00-00:05	53.8	51.1	53.5	48.3	5.2
00:05-00:10	52.6	51.1	50.3	48.3	2.0
00:10-00:15	53.4	51.1	52.5	48.3	4.2
00:15-00:20	51.9	51.1	47.2	48.3	-1.1
00:20-00:25	52.1	51.1	48.2	48.3	-0.1
00:25-00:30	51.7	51.1	45.8	48.3	-2.5
00:30-00:35	50.4	51.1	*	48.3	*
00:35-00:40	53.1	51.1	51.8	48.3	3.5
00:40-00:45	53.7	51.1	53.2	48.3	4.9
00:45-00:50	51.6	51.1	45.0	48.3	-3.3
00:50-00:55	52.9	51.1	51.2	48.3	2.9
00:55-01:00	51.3	51.1	40.8	48.3	-7.5
01:00-01:05	52.6	50.0	52.1	45.1	7.0
01:05-01:10	51.3	50.0	48.4	45.1	3.3
01:10-01:15	52.0	50.0	50.7	45.1	5.6
01:15-01:20	53.3	50.0	53.6	45.1	8.5
01:20-01:25	53.5	50.0	53.9	45.1	8.8
01:25-01:30	50.9	50.0	46.6	45.1	1.5
01:30-01:35	52.0	50.0	50.7	45.1	5.6
01:35-01:40	51.1	50.0	47.6	45.1	2.5
01:40-01:45	51.6	50.0	49.5	45.1	4.4
01:45-01:50	50.6	50.0	44.7	45.1	-0.4
01:50-01:55	50.7	50.0	45.4	45.1	0.3
01:55-02:00	53.8	50.0	54.5	45.1	9.4
02:00-02:05	52.9	49.3	53.4	45.3	8.1
02:05-02:10	50.3	49.3	46.4	45.3	1.1
02:10-02:15	53.1	49.3	53.8	45.3	8.5
02:15-02:20	52.4	49.3	52.5	45.3	7.2
02:20-02:25	52.0	49.3	51.7	45.3	6.4
02:25-02:30	52.6	49.3	52.9	45.3	7.6
02:30-02:35	51.5	49.3	50.5	45.3	5.2
02:35-02:40	51.2	49.3	49.7	45.3	4.4
02:40-02:45	51.7	49.3	51.0	45.3	5.7
02:45-02:50	52.9	49.3	53.4	45.3	8.1
02:50-02:55	50.8	49.3	48.5	45.3	3.2
02:55-03:00	51.6	49.3	50.7	45.3	5.4
03:00-03:05	52.8	50.9	51.3	45.8	5.5
03:05-03:10	50.7	50.9	*	45.8	*
03:10-03:15	51.9	50.9	48.0	45.8	2.2
03:15-03:20	53.0	50.9	51.8	45.8	6.0
03:20-03:25	54.2	50.9	54.5	45.8	8.7
03:25-03:30	51.4	50.9	44.8	45.8	-1.0
03:30-03:35	54.3	50.9	54.6	45.8	8.8



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Nuisance Noise Level Report

Time	Khao Samo Khon Public Health Center				
	Source Of Noise Level	Residual Noise Level**	Specific Noise Level	Background Noise Level*	Nuisance Noise Level
	L_{eq} [dB(A)]	L_{eq} [dB(A)]	L_{eq} [dB(A)]	L_{90} [dB(A)]	[dB(A)]
03:35-03:40	53.0	50.9	51.8	45.8	6.0
03:40-03:45	50.6	50.9	*	45.8	*
03:45-03:50	53.4	50.9	52.8	45.8	7.0
03:50-03:55	54.0	50.9	54.1	45.8	8.3
03:55-04:00	52.0	50.9	48.5	45.8	2.7
04:00-04:05	53.9	51.4	53.3	47.2	6.1
04:05-04:10	54.0	51.4	53.5	47.2	6.3
04:10-04:15	53.0	51.4	50.9	47.2	3.7
04:15-04:20	53.6	51.4	52.6	47.2	5.4
04:20-04:25	50.1	51.4	*	47.2	*
04:25-04:30	53.2	51.4	51.5	47.2	4.3
04:30-04:35	51.7	51.4	42.9	47.2	-4.3
04:35-04:40	54.2	51.4	54.0	47.2	6.8
04:40-04:45	54.3	51.4	54.2	47.2	7.0
04:45-04:50	55.4	51.4	56.2	47.2	9.0
04:50-04:55	52.6	51.4	49.4	47.2	2.2
04:55-05:00	53.9	51.4	53.3	47.2	6.1
05:00-05:05	55.2	52.6	54.7	47.9	6.8
05:05-05:10	54.6	52.6	53.3	47.9	5.4
05:10-05:15	53.0	52.6	45.4	47.9	-2.5
05:15-05:20	54.4	52.6	52.7	47.9	4.8
05:20-05:25	55.6	52.6	55.6	47.9	7.7
05:25-05:30	56.4	52.6	57.1	47.9	9.2
05:30-05:35	56.7	52.6	57.6	47.9	9.7
05:35-05:40	55.6	52.6	55.6	47.9	7.7
05:40-05:45	56.3	52.6	56.9	47.9	9.0
05:45-05:50	56.2	52.6	56.7	47.9	8.8
05:50-05:55	54.9	52.6	54.0	47.9	6.1
05:55-06:00	55.2	52.6	54.7	47.9	6.8
06:00-06:05	54.8	56.8	*	49.5	*
06:05-06:10	55.7	56.8	*	49.5	*
06:10-06:15	55.4	56.8	*	49.5	*
06:15-06:20	56.0	56.8	*	49.5	*
06:20-06:25	55.5	56.8	*	49.5	*
06:25-06:30	55.9	56.8	*	49.5	*
06:30-06:35	56.3	56.8	*	49.5	*
06:35-06:40	55.9	56.8	*	49.5	*
06:40-06:45	57.6	56.8	52.9	49.5	3.4
06:45-06:50	57.3	56.8	50.7	49.5	1.2
06:50-06:55	57.2	56.8	49.6	49.5	0.1
06:55-07:00	56.9	56.8	43.5	49.5	-6.0
07:00-07:05	59.2	56.5	58.9	50.0	8.9
07:05-07:10	57.5	56.5	53.6	50.0	3.6
07:10-07:15	56.6	56.5	43.2	50.0	-6.8
07:15-07:20	58.3	56.5	56.6	50.0	6.6
07:20-07:25	58.5	56.5	57.2	50.0	7.2
07:25-07:30	57.2	56.5	51.9	50.0	1.9
07:30-07:35	58.7	56.5	57.7	50.0	7.7
07:35-07:40	58.2	56.5	56.3	50.0	6.3
07:40-07:45	58.6	56.5	57.4	50.0	7.4
07:45-07:50	59.5	56.5	59.5	50.0	9.5
07:50-07:55	59.6	56.5	59.7	50.0	9.7
07:55-08:00	59.3	56.5	59.1	50.0	9.1
08:00-08:05	58.9	56.1	58.7	49.5	9.2
08:05-08:10	58.2	56.1	57.0	49.5	7.5
08:10-08:15	59.2	56.1	59.3	49.5	9.8
08:15-08:20	59.0	56.1	58.9	49.5	9.4



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Nuisance Noise Level Report

Time	Khao Samo Khon Public Health Center				
	Source Of Noise Level	Residual Noise Level**	Specific Noise Level	Background Noise Level*	Nuisance Noise Level
	L _{eq} [dB(A)]	L _{eq} [dB(A)]	L _{eq} [dB(A)]	L ₉₀ [dB(A)]	[dB(A)]
08:20-08:25	58.6	56.1	58.0	49.5	8.5
08:25-08:30	58.4	56.1	57.5	49.5	8.0
08:30-08:35	57.3	56.1	54.1	49.5	4.6
08:35-08:40	56.2	56.1	42.8	49.5	-6.7
08:40-08:45	57.1	56.1	53.2	49.5	3.7
08:45-08:50	56.8	56.1	51.5	49.5	2.0
08:50-08:55	58.0	56.1	56.5	49.5	7.0
08:55-09:00	56.3	56.1	45.8	49.5	-3.7
09:00-09:05	57.6	62.0	*	50.4	*
09:05-09:10	56.3	62.0	*	50.4	*
09:10-09:15	56.1	62.0	*	50.4	*
09:15-09:20	57.5	62.0	*	50.4	*
09:20-09:25	56.4	62.0	*	50.4	*
09:25-09:30	55.6	62.0	*	50.4	*
09:30-09:35	57.4	62.0	*	50.4	*
09:35-09:40	55.7	62.0	*	50.4	*
09:40-09:45	57.4	62.0	*	50.4	*
09:45-09:50	57.6	62.0	*	50.4	*
09:50-09:55	56.2	62.0	*	50.4	*
09:55-10:00	57.1	62.0	*	50.4	*
10:00-10:05	54.4	55.5	*	50.6	*
10:05-10:10	56.3	55.5	51.6	50.6	1.0
10:10-10:15	56.7	55.5	53.5	50.6	2.9
10:15-10:20	55.9	55.5	48.3	50.6	-2.3
10:20-10:25	57.9	55.5	57.2	50.6	6.6
10:25-10:30	57.4	55.5	55.9	50.6	5.3
10:30-10:35	57.7	55.5	56.7	50.6	6.1
10:35-10:40	56.2	55.5	50.9	50.6	0.3
10:40-10:45	56.7	55.5	53.5	50.6	2.9
10:45-10:50	55.8	55.5	47.0	50.6	-3.6
10:50-10:55	57.7	55.5	56.7	50.6	6.1
10:55-11:00	55.2	55.5	*	50.6	*
11:00-11:05	55.9	55.9	*	50.5	*
11:05-11:10	55.2	55.9	*	50.5	*
11:10-11:15	55.6	55.9	*	50.5	*
11:15-11:20	56.1	55.9	45.6	50.5	-4.9
11:20-11:25	56.9	55.9	53.0	50.5	2.5
11:25-11:30	56.4	55.9	49.8	50.5	-0.7
11:30-11:35	57.3	55.9	54.7	50.5	4.2
11:35-11:40	57.5	55.9	55.4	50.5	4.9
11:40-11:45	58.2	55.9	57.3	50.5	6.8
11:45-11:50	57.6	55.9	55.7	50.5	5.2
11:50-11:55	58.5	55.9	58.0	50.5	7.5
11:55-12:00	55.9	55.9	*	50.5	*
12:00-12:05	55.2	54.8	47.6	50.1	-2.5
12:05-12:10	58.6	54.8	59.3	50.1	9.2
12:10-12:15	57.2	54.8	56.5	50.1	6.4
12:15-12:20	56.9	54.8	55.7	50.1	5.6
12:20-12:25	56.0	54.8	52.8	50.1	2.7
12:25-12:30	57.6	54.8	57.4	50.1	7.3
12:30-12:35	56.9	54.8	55.7	50.1	5.6
12:35-12:40	57.1	54.8	56.2	50.1	6.1
12:40-12:45	58.4	54.8	58.9	50.1	8.8
12:45-12:50	57.7	54.8	57.6	50.1	7.5
12:50-12:55	59.0	54.8	59.9	50.1	9.8
12:55-13:00	56.9	54.8	55.7	50.1	5.6
13:00-13:05	50.2	54.6	*	49.9	*



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Nuisance Noise Level Report

Time	Khao Samo Khon Public Health Center				
	Source Of Noise Level	Residual Noise Level**	Specific Noise Level	Background Noise Level*	Nuisance Noise Level
	L_{eq} [dB(A)]	L_{eq} [dB(A)]	L_{eq} [dB(A)]	L_{90} [dB(A)]	[dB(A)]
13:05-13:10	51.4	54.6	*	49.9	*
13:10-13:15	50.1	54.6	*	49.9	*
13:15-13:20	50.8	54.6	*	49.9	*
13:20-13:25	51.8	54.6	*	49.9	*
13:25-13:30	52.3	54.6	*	49.9	*
13:30-13:35	51.5	54.6	*	49.9	*
13:35-13:40	52.0	54.6	*	49.9	*
13:40-13:45	51.7	54.6	*	49.9	*
13:45-13:50	51.9	54.6	*	49.9	*
13:50-13:55	52.4	54.6	*	49.9	*
13:55-14:00	52.1	54.6	*	49.9	*
Standard					Less Than 10.0

Remark : * The Period of Time When the Noise Level from the Source is Less Than or Equal to the Noise Level without Disturbance.
** Background Noise Level and Residual Noise Level Sampling at Time 03:00 p.m.-03:00 p.m. on 11-12 November 2008

Reference Method = Method of Measuring the Background Noise Level, Non Nuisance Noise Period Noise,
the Measuring and Calculation of Noise Level from Nuisance Period, the Calculation of Nuisance Level and Record
Nuisance Noise Measurement, Notification of the Pollution Control Board, B.E. 2565 (2022)
Dated 21 September B.E. 2565 (2022) B.E., Published in the Government Gazette on 11 November B.E. 2565 (2022)
= Method of Measuring Nuisance Noise, 24 Hour A-weighted Equivalent Continuous Sound Level and Maximum Sound
Pressure Level from Factory Activities, Notification of the Department of Industrial Works, B.E. 2567 (2024)
Dated 25 January B.E. 2567 (2024) B.E., Published in the Government Gazette on 21 February B.E. 2567 (2024)

Standard = Nuisance Noise Level, Notification of the National Environment, Board No. 29, B.E. 2550 (2007)
= Nuisance Noise and Noise Level from Factory Activities, Notification of the Ministry of Industry, B.E. 2548 (2005)

Sampling Method = Sound Level Meter

Acoustic Calibrator, CIRRUS, Model CR515, S/N. 92002

Characteristics of Noise Source

Time/Area of Nuisance

Conclusion

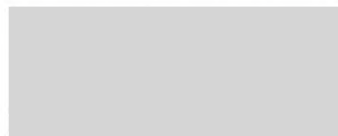
- ☒ Continuous Noise
☐ More Than One Time Per Hour
☐ One Time Per Hour
☐ Special Noise

- ☒ Day (06:00-22:00)
☒ Night (22:00-06:00)
☒ Silent Area Public Health Center

- ☐ Nuisance Noise (>10 dBA)
☒ Non Nuisance

Reported results refer to measurement time only.

Do not copy partial of this measurement report without official approval.



Technical Supervisor

11 / 06 / 25



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Nuisance Noise Level Report

Project : Asia Pet (Thailand) Co., Ltd.

Sampling Date : 27-28 May 2025

Project Location : 61/1 Moo 11, Bangnga-Thaklong Road

Date Reported : 11 June 2025

Tambon Kaosamorkorn, Amphur Tawung, Lopburi

Client Name/Address : Asia Pet (Thailand) Co., Ltd.

Sampling By : S.P.S. Consulting Service Co., Ltd.

Time	Tham Khao Tako School				
	Source Of Noise Level	Residual Noise Level**	Specific Noise Level	Background Noise Level*	Nuisance Noise Level
	L_{eq} [dB(A)]	L_{eq} [dB(A)]	L_{eq} [dB(A)]	L_{90} [dB(A)]	[dB(A)]
13:00-13:05	55.0	54.6	47.4	46.6	0.8
13:05-13:10	56.5	54.6	55.0	46.6	8.4
13:10-13:15	56.3	54.6	54.4	46.6	7.8
13:15-13:20	56.9	54.6	56.0	46.6	9.4
13:20-13:25	57.0	54.6	56.3	46.6	9.7
13:25-13:30	55.9	54.6	53.0	46.6	6.4
13:30-13:35	56.5	54.6	55.0	46.6	8.4
13:35-13:40	56.0	54.6	53.4	46.6	6.8
13:40-13:45	56.1	54.6	53.8	46.6	7.2
13:45-13:50	55.3	54.6	50.0	46.6	3.4
13:50-13:55	55.9	54.6	53.0	46.6	6.4
13:55-14:00	56.6	54.6	55.3	46.6	8.7
14:00-14:05	58.6	58.0	52.7	43.2	9.5
14:05-14:10	57.3	58.0	*	43.2	*
14:10-14:15	58.5	58.0	51.9	43.2	8.7
14:15-14:20	50.9	58.0	*	43.2	*
14:20-14:25	54.5	58.0	*	43.2	*
14:25-14:30	56.9	58.0	*	43.2	*
14:30-14:35	55.2	58.0	*	43.2	*
14:35-14:40	58.0	58.0	*	43.2	*
14:40-14:45	58.4	58.0	50.8	43.2	7.6
14:45-14:50	55.1	58.0	*	43.2	*
14:50-14:55	56.0	58.0	*	43.2	*
14:55-15:00	57.8	58.0	*	43.2	*
15:00-15:05	57.0	59.0	*	49.5	*
15:05-15:10	56.8	59.0	*	49.5	*
15:10-15:15	56.6	59.0	*	49.5	*
15:15-15:20	58.1	59.0	*	49.5	*
15:20-15:25	58.6	59.0	*	49.5	*
15:25-15:30	54.9	59.0	*	49.5	*
15:30-15:35	54.3	59.0	*	49.5	*
15:35-15:40	55.4	59.0	*	49.5	*
15:40-15:45	54.7	59.0	*	49.5	*
15:45-15:50	54.4	59.0	*	49.5	*
15:50-15:55	59.9	59.0	55.6	49.5	6.1
15:55-16:00	55.6	59.0	*	49.5	*
16:00-16:05	56.8	59.9	*	49.2	*
16:05-16:10	58.9	59.9	*	49.2	*
16:10-16:15	57.4	59.9	*	49.2	*
16:15-16:20	58.0	59.9	*	49.2	*
16:20-16:25	57.3	59.9	*	49.2	*
16:25-16:30	56.3	59.9	*	49.2	*
16:30-16:35	55.2	59.9	*	49.2	*
16:35-16:40	56.2	59.9	*	49.2	*
16:40-16:45	57.4	59.9	*	49.2	*
16:45-16:50	58.2	59.9	*	49.2	*
16:50-16:55	57.8	59.9	*	49.2	*
16:55-17:00	56.9	59.9	*	49.2	*
17:00-17:05	59.0	59.9	*	49.7	*



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Nuisance Noise Level Report

Time	Tham Khao Tako School				
	Source Of Noise Level	Residual Noise Level**	Specific Noise Level	Background Noise Level*	Nuisance Noise Level
	L_{eq} [dB(A)]	L_{eq} [dB(A)]	L_{eq} [dB(A)]	L_{90} [dB(A)]	[dB(A)]
17:05-17:10	54.3	59.9	*	49.7	*
17:10-17:15	59.8	59.9	*	49.7	*
17:15-17:20	58.5	59.9	*	49.7	*
17:20-17:25	57.2	59.9	*	49.7	*
17:25-17:30	57.9	59.9	*	49.7	*
17:30-17:35	58.9	59.9	*	49.7	*
17:35-17:40	58.6	59.9	*	49.7	*
17:40-17:45	59.1	59.9	*	49.7	*
17:45-17:50	56.9	59.9	*	49.7	*
17:50-17:55	57.5	59.9	*	49.7	*
17:55-18:00	56.7	59.9	*	49.7	*
18:00-18:05	54.3	54.7	*	50.3	*
18:05-18:10	57.2	54.7	56.6	50.3	6.3
18:10-18:15	56.8	54.7	55.6	50.3	5.3
18:15-18:20	57.5	54.7	57.3	50.3	7.0
18:20-18:25	58.3	54.7	58.8	50.3	8.5
18:25-18:30	58.9	54.7	59.8	50.3	9.5
18:30-18:35	57.7	54.7	57.7	50.3	7.4
18:35-18:40	58.7	54.7	59.5	50.3	9.2
18:40-18:45	57.8	54.7	57.9	50.3	7.6
18:45-18:50	56.9	54.7	55.9	50.3	5.6
18:50-18:55	53.1	54.7	*	50.3	*
18:55-19:00	53.1	54.7	*	50.3	*
19:00-19:05	54.0	55.0	*	51.8	*
19:05-19:10	53.3	55.0	*	51.8	*
19:10-19:15	53.0	55.0	*	51.8	*
19:15-19:20	58.5	55.0	58.9	51.8	7.1
19:20-19:25	52.5	55.0	*	51.8	*
19:25-19:30	55.4	55.0	47.8	51.8	-4.0
19:30-19:35	56.4	55.0	53.8	51.8	2.0
19:35-19:40	57.1	55.0	55.9	51.8	4.1
19:40-19:45	59.7	55.0	60.9	51.8	9.1
19:45-19:50	53.8	55.0	*	51.8	*
19:50-19:55	58.6	55.0	59.1	51.8	7.3
19:55-20:00	55.5	55.0	48.9	51.8	-2.9
20:00-20:05	55.9	53.5	55.2	51.8	3.4
20:05-20:10	50.5	53.5	*	51.8	*
20:10-20:15	53.7	53.5	43.2	51.8	-8.6
20:15-20:20	53.3	53.5	*	51.8	*
20:20-20:25	52.3	53.5	*	51.8	*
20:25-20:30	52.7	53.5	*	51.8	*
20:30-20:35	54.4	53.5	50.1	51.8	-1.7
20:35-20:40	55.3	53.5	53.6	51.8	1.8
20:40-20:45	59.6	53.5	61.4	51.8	9.6
20:45-20:50	54.3	53.5	49.6	51.8	-2.2
20:50-20:55	52.9	53.5	*	51.8	*
20:55-21:00	55.8	53.5	54.9	51.8	3.1
21:00-21:05	53.5	51.4	52.3	50.4	1.9
21:05-21:10	53.4	51.4	52.1	50.4	1.7
21:10-21:15	56.2	51.4	57.5	50.4	7.1
21:15-21:20	54.3	51.4	54.2	50.4	3.8
21:20-21:25	54.7	51.4	55.0	50.4	4.6
21:25-21:30	53.7	51.4	52.8	50.4	2.4
21:30-21:35	53.4	51.4	52.1	50.4	1.7
21:35-21:40	55.7	51.4	56.7	50.4	6.3
21:40-21:45	58.3	51.4	60.3	50.4	9.9
21:45-21:50	53.7	51.4	52.8	50.4	2.4



BY242/05/68

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Nuisance Noise Level Report

Time	Tham Khao Tako School				
	Source Of Noise Level	Residual Noise Level**	Specific Noise Level	Background Noise Level*	Nuisance Noise Level
	L_{eq} [dB(A)]	L_{eq} [dB(A)]	L_{eq} [dB(A)]	L_{90} [dB(A)]	[dB(A)]
21:50-21:55	53.6	51.4	52.6	50.4	2.2
21:55-22:00	56.2	51.4	57.5	50.4	7.1
22:00-22:05	53.5	51.8	51.6	50.3	1.3
22:05-22:10	52.4	51.8	46.5	50.3	-3.8
22:10-22:15	55.4	51.8	55.9	50.3	5.6
22:15-22:20	54.7	51.8	54.6	50.3	4.3
22:20-22:25	55.1	51.8	55.4	50.3	5.1
22:25-22:30	53.0	51.8	49.8	50.3	-0.5
22:30-22:35	53.4	51.8	51.3	50.3	1.0
22:35-22:40	52.3	51.8	45.7	50.3	-4.6
22:40-22:45	53.0	51.8	49.8	50.3	-0.5
22:45-22:50	54.3	51.8	53.7	50.3	3.4
22:50-22:55	53.2	51.8	50.6	50.3	0.3
22:55-23:00	52.4	51.8	46.5	50.3	-3.8
23:00-23:05	53.1	51.2	51.6	50.2	1.4
23:05-23:10	52.1	51.2	47.8	50.2	-2.4
23:10-23:15	51.9	51.2	46.6	50.2	-3.6
23:15-23:20	53.1	51.2	51.6	50.2	1.4
23:20-23:25	53.6	51.2	52.9	50.2	2.7
23:25-23:30	51.8	51.2	45.9	50.2	-4.3
23:30-23:35	52.0	51.2	47.3	50.2	-2.9
23:35-23:40	51.5	51.2	42.7	50.2	-7.5
23:40-23:45	55.7	51.2	56.8	50.2	6.6
23:45-23:50	51.7	51.2	45.1	50.2	-5.1
23:50-23:55	57.0	51.2	58.7	50.2	8.5
23:55-00:00	51.6	51.2	44.0	50.2	-6.2
00:00-00:05	51.7	52.0	*	51.1	*
00:05-00:10	52.1	52.0	38.7	51.1	-12.4
00:10-00:15	52.9	52.0	48.6	51.1	-2.5
00:15-00:20	50.9	52.0	*	51.1	*
00:20-00:25	51.0	52.0	*	51.1	*
00:25-00:30	51.3	52.0	*	51.1	*
00:30-00:35	51.1	52.0	*	51.1	*
00:35-00:40	50.2	52.0	*	51.1	*
00:40-00:45	50.8	52.0	*	51.1	*
00:45-00:50	51.5	52.0	*	51.1	*
00:50-00:55	51.4	52.0	*	51.1	*
00:55-01:00	52.5	52.0	45.9	51.1	-5.2
01:00-01:05	51.2	52.3	*	51.6	*
01:05-01:10	51.5	52.3	*	51.6	*
01:10-01:15	50.9	52.3	*	51.6	*
01:15-01:20	51.0	52.3	*	51.6	*
01:20-01:25	51.3	52.3	*	51.6	*
01:25-01:30	51.5	52.3	*	51.6	*
01:30-01:35	51.7	52.3	*	51.6	*
01:35-01:40	52.3	52.3	*	51.6	*
01:40-01:45	52.6	52.3	43.8	51.6	-7.8
01:45-01:50	52.5	52.3	42.0	51.6	-9.6
01:50-01:55	52.1	52.3	*	51.6	*
01:55-02:00	52.2	52.3	*	51.6	*
02:00-02:05	51.8	52.3	*	51.5	*
02:05-02:10	51.7	52.3	*	51.5	*
02:10-02:15	51.5	52.3	*	51.5	*
02:15-02:20	51.9	52.3	*	51.5	*
02:20-02:25	51.2	52.3	*	51.5	*
02:25-02:30	50.8	52.3	*	51.5	*
02:30-02:35	50.7	52.3	*	51.5	*



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Nuisance Noise Level Report

Time	Tham Khao Tako School				
	Source Of Noise Level	Residual Noise Level**	Specific Noise Level	Background Noise Level*	Nuisance Noise Level
	L_{eq} [dB(A)]	L_{eq} [dB(A)]	L_{eq} [dB(A)]	L_{90} [dB(A)]	[dB(A)]
02:35-02:40	50.9	52.3	*	51.5	*
02:40-02:45	50.8	52.3	*	51.5	*
02:45-02:50	50.4	52.3	*	51.5	*
02:50-02:55	51.0	52.3	*	51.5	*
02:55-03:00	51.7	52.3	*	51.5	*
03:00-03:05	49.7	52.6	*	51.8	*
03:05-03:10	50.4	52.6	*	51.8	*
03:10-03:15	49.9	52.6	*	51.8	*
03:15-03:20	49.2	52.6	*	51.8	*
03:20-03:25	53.0	52.6	45.4	51.8	-6.4
03:25-03:30	50.8	52.6	*	51.8	*
03:30-03:35	49.1	52.6	*	51.8	*
03:35-03:40	50.7	52.6	*	51.8	*
03:40-03:45	50.8	52.6	*	51.8	*
03:45-03:50	49.3	52.6	*	51.8	*
03:50-03:55	49.7	52.6	*	51.8	*
03:55-04:00	49.1	52.6	*	51.8	*
04:00-04:05	50.0	52.5	*	51.1	*
04:05-04:10	49.2	52.5	*	51.1	*
04:10-04:15	51.3	52.5	*	51.1	*
04:15-04:20	49.0	52.5	*	51.1	*
04:20-04:25	50.9	52.5	*	51.1	*
04:25-04:30	50.8	52.5	*	51.1	*
04:30-04:35	50.9	52.5	*	51.1	*
04:35-04:40	50.3	52.5	*	51.1	*
04:40-04:45	50.9	52.5	*	51.1	*
04:45-04:50	50.0	52.5	*	51.1	*
04:50-04:55	50.9	52.5	*	51.1	*
04:55-05:00	51.2	52.5	*	51.1	*
05:00-05:05	50.8	56.2	*	51.1	*
05:05-05:10	55.0	56.2	*	51.1	*
05:10-05:15	50.4	56.2	*	51.1	*
05:15-05:20	54.9	56.2	*	51.1	*
05:20-05:25	54.9	56.2	*	51.1	*
05:25-05:30	50.5	56.2	*	51.1	*
05:30-05:35	52.0	56.2	*	51.1	*
05:35-05:40	54.1	56.2	*	51.1	*
05:40-05:45	56.3	56.2	42.9	51.1	-8.2
05:45-05:50	55.9	56.2	*	51.1	*
05:50-05:55	56.8	56.2	50.9	51.1	-0.2
05:55-06:00	57.1	56.2	52.8	51.1	1.7
06:00-06:05	56.1	59.5	*	51.9	*
06:05-06:10	57.3	59.5	*	51.9	*
06:10-06:15	58.6	59.5	*	51.9	*
06:15-06:20	56.9	59.5	*	51.9	*
06:20-06:25	58.5	59.5	*	51.9	*
06:25-06:30	57.2	59.5	*	51.9	*
06:30-06:35	55.6	59.5	*	51.9	*
06:35-06:40	56.9	59.5	*	51.9	*
06:40-06:45	57.9	59.5	*	51.9	*
06:45-06:50	56.7	59.5	*	51.9	*
06:50-06:55	55.7	59.5	*	51.9	*
06:55-07:00	57.9	59.5	*	51.9	*
07:00-07:05	59.3	58.6	54.0	51.3	2.7
07:05-07:10	59.0	58.6	51.4	51.3	0.1
07:10-07:15	58.4	58.6	*	51.3	*
07:15-07:20	58.1	58.6	*	51.3	*



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Nuisance Noise Level Report

Time	Tham Khao Tako School				
	Source Of Noise Level	Residual Noise Level**	Specific Noise Level	Background Noise Level*	Nuisance Noise Level
	L_{eq} [dB(A)]	L_{eq} [dB(A)]	L_{eq} [dB(A)]	L_{90} [dB(A)]	[dB(A)]
07:20-07:25	60.9	58.6	60.0	51.3	8.7
07:25-07:30	61.1	58.6	60.5	51.3	9.2
07:30-07:35	59.7	58.6	56.2	51.3	4.9
07:35-07:40	60.6	58.6	59.3	51.3	8.0
07:40-07:45	57.5	58.6	*	51.3	*
07:45-07:50	56.4	58.6	*	51.3	*
07:50-07:55	56.5	58.6	*	51.3	*
07:55-08:00	57.5	58.6	*	51.3	*
08:00-08:05	55.4	55.5	*	50.1	*
08:05-08:10	56.9	55.5	54.3	50.1	4.2
08:10-08:15	55.8	55.5	47.0	50.1	-3.1
08:15-08:20	55.6	55.5	42.2	50.1	-7.9
08:20-08:25	54.7	55.5	*	50.1	*
08:25-08:30	58.2	55.5	57.9	50.1	7.8
08:30-08:35	55.5	55.5	*	50.1	*
08:35-08:40	57.3	55.5	55.6	50.1	5.5
08:40-08:45	57.7	55.5	56.7	50.1	6.6
08:45-08:50	55.4	55.5	*	50.1	*
08:50-08:55	54.7	55.5	*	50.1	*
08:55-09:00	56.1	55.5	50.2	50.1	0.1
09:00-09:05	56.4	55.5	52.1	50.3	1.8
09:05-09:10	55.4	55.5	*	50.3	*
09:10-09:15	54.7	55.5	*	50.3	*
09:15-09:20	58.8	55.5	59.1	50.3	8.8
09:20-09:25	59.3	55.5	60.0	50.3	9.7
09:25-09:30	57.1	55.5	55.0	50.3	4.7
09:30-09:35	56.4	55.5	52.1	50.3	1.8
09:35-09:40	55.4	55.5	*	50.3	*
09:40-09:45	54.5	55.5	*	50.3	*
09:45-09:50	59.0	55.5	59.4	50.3	9.1
09:50-09:55	54.8	55.5	*	50.3	*
09:55-10:00	57.6	55.5	56.4	50.3	6.1
10:00-10:05	59.7	57.1	59.2	50.6	8.6
10:05-10:10	54.2	57.1	*	50.6	*
10:10-10:15	57.3	57.1	46.8	50.6	-3.8
10:15-10:20	60.3	57.1	60.5	50.6	9.9
10:20-10:25	58.7	57.1	56.6	50.6	6.0
10:25-10:30	55.9	57.1	*	50.6	*
10:30-10:35	57.5	57.1	49.9	50.6	-0.7
10:35-10:40	57.5	57.1	49.9	50.6	-0.7
10:40-10:45	56.4	57.1	*	50.6	*
10:45-10:50	55.5	57.1	*	50.6	*
10:50-10:55	52.9	57.1	*	50.6	*
10:55-11:00	53.8	57.1	*	50.6	*
11:00-11:05	56.4	57.2	*	50.3	*
11:05-11:10	54.1	57.2	*	50.3	*
11:10-11:15	54.5	57.2	*	50.3	*
11:15-11:20	58.0	57.2	53.3	50.3	3.0
11:20-11:25	56.1	57.2	*	50.3	*
11:25-11:30	54.8	57.2	*	50.3	*
11:30-11:35	52.6	57.2	*	50.3	*
11:35-11:40	54.6	57.2	*	50.3	*
11:40-11:45	52.1	57.2	*	50.3	*
11:45-11:50	51.9	57.2	*	50.3	*
11:50-11:55	54.7	57.2	*	50.3	*
11:55-12:00	57.3	57.2	43.9	50.3	-6.4
12:00-12:05	55.8	56.6	*	49.8	*



BY242/05/68

42/12/67

Nuisance Noise Level Report

Time	Tham Khao Tako School				
	Source Of Noise Level	Residual Noise Level**	Specific Noise Level	Background Noise Level*	Nuisance Noise Level
	L_{eq} [dB(A)]	L_{eq} [dB(A)]	L_{eq} [dB(A)]	L_{90} [dB(A)]	[dB(A)]
12:05-12:10	55.8	56.6	*	49.8	*
12:10-12:15	57.8	56.6	54.6	49.8	4.8
12:15-12:20	53.7	56.6	*	49.8	*
12:20-12:25	55.0	56.6	*	49.8	*
12:25-12:30	59.6	56.6	59.6	49.8	9.8
12:30-12:35	53.5	56.6	*	49.8	*
12:35-12:40	53.2	56.6	*	49.8	*
12:40-12:45	58.1	56.6	55.8	49.8	6.0
12:45-12:50	56.3	56.6	*	49.8	*
12:50-12:55	57.7	56.6	54.2	49.8	4.4
12:55-13:00	51.9	56.6	*	49.8	*
Standard					Less Than 10.0

Remark : * The Period of Time When the Noise Level from the Source is Less Than or Equal to the Noise Level without Disturbance.

** Background Noise Level and Residual Noise Level Sampling at Time 03:00 p.m.-03:00 p.m. on 11-12 November 2008

Reference Method = Method of Measuring the Background Noise Level, Non Nuisance Noise Period Noise,
the Measuring and Calculation of Noise Level from Nuisance Period, the Calculation of Nuisance Level and Record
Nuisance Noise Measurement, Notification of the Pollution Control Board, B.E. 2565 (2022)
Dated 21 September B.E. 2565 (2022) B.E., Published in the Government Gazette on 11 November B.E. 2565 (2022)
= Method of Measuring Nuisance Noise, 24 Hour A-weighted Equivalent Continuous Sound Level and Maximum Sound
Pressure Level from Factory Activities, Notification of the Department of Industrial Works, B.E. 2567 (2024)
Dated 25 January B.E. 2567 (2024) B.E., Published in the Government Gazette on 21 February B.E. 2567 (2024)

Standard = Nuisance Noise Level, Notification of the National Environment, Board No. 29, B.E. 2550 (2007)

= Nuisance Noise and Noise Level from Factory Activities, Notification of the Ministry of Industry, B.E. 2548 (2005)

Sampling Method = Sound Level Meter

Acoustic Calibrator, CIRRUS, Model CR515, S/N. 92002

Characteristics of Noise Source

Time/Area of Nuisance

Conclusion

- ☒ Continuous Noise
☐ More Than One Time Per Hour
☐ One Time Per Hour
☐ Special Noise

- ☒ Day (06:00-22:00)
☒ Night (22:00-06:00)
☒ Silent Area School

- ☐ Nuisance Noise (>10 dBA)
☒ Non Nuisance

Reported results refer to measurement time only.

Do not copy partial of this measurement report without official approval.

(Phimnatda Marongsri)

Technical Supervisor

11 / 05 / 25

คุณภาพน้ำผิวดิน



Ref. No. W534-W535/02/25

Report No. 2502/344

42/12/67

Surface Water Quality Analysis Report

Project : Asia Pet (Thailand) Limited
Project Location : 61/1 Moo 11, Bangngha-Thakhlong Road,
Kaosamorkorn, Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Limited
Sampling Method : Grab
Sampling by : Sitthisak Kumwongsa
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 25 February 2025
Date Received : 25 February 2025
Date of Analysis : 25 February-5 March 2025
Date Reported : 6 March 2025

Parameter	Analytical Method	Station 1	Station 2	Standard
pH	Electrometric Method (4500-H ⁺ B.)	7.5	7.6	5.0-9.0
Temperature (°C)	Laboratory and Field Methods (2550 B.)	27.7	28.0	n'
Total Suspended Solids (mg/L)	Total Suspended Solids Dried at 103-105 °C (2540 D.)	15.1	10.6	-
Dissolved Oxygen (mg/L)	Azide Modification (4500-O C.)	5.1	5.3	More than 4.0
BOD ₅ (mg/L)	5 Day BOD Test (5210 B.) & Azide Modification (4500-O C.)	1.5	1.8	Less than 2.0
COD (mg/L)	Closed Reflux, Titrimetric Method (5220 C.)	25	29	-
Grease & Oil (mg/L)	Liquid-Liquid, Partition-Gravimetric Method (5520 B.)	<2	<2	-
Total Coliform Bacteria (MPN/100 mL)	Multiple-Tube Fermentation Technique (9221 B.)	2,400	1,400	Less than 20,000
Fecal Coliform Bacteria (MPN/100 mL)	Multiple-Tube Fermentation Technique (9221 E.)	1,300	790	Less than 4,000

Remark:

Sample Characteristics:

Station 1 = Khlong Bang Kham approximately 200 meter upstream of wastewater discharge point : Yellow with slightly precipitate

Station 2 = Khlong Bang Kham approximately 200 meter downstream of wastewater discharge point : Yellow with slightly precipitate

n' Temperature of water that must be not over 3 degree celsius from nature.

Standard = Surface Water Quality Standards (Category 3), Notification of the National Environment Board No. 8, B.E. 2537

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

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.

(Benjawan Sapphawong)

Laboratory Supervisor

06 / 03 / 25

----- End of Report -----



Ref. No. W602-W603/05/25

Report No. 2505/436

42/12/67

Surface Water Quality Analysis Report

Project : Asia Pet (Thailand) Limited
Project Location : 61/1 Moo 11, Bangnga-Thakhleng Road,
Kaosamorkorn, Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Limited
Sampling Method : Grab
Sampling by : Rattanakorn Yosruangsak
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 28 May 2025
Date Received : 28 May 2025
Date of Analysis : 28 May-9 June 2025
Date Reported : 10 June 2025

Parameter	Analytical Method	Station 1	Station 2	Standard
pH	Electrometric Method (4500-H ⁺ B.)	7.1	7.5	5.0-9.0
Temperature (°C)	Laboratory and Field Methods (2550 B.)	32.3	31.8	n'
Total Suspended Solids (mg/L)	Total Suspended Solids Dried at 103-105 °C (2540 D.)	44.0	43.8	-
Dissolved Oxygen (mg/L)	Azide Modification (4500-O C.)	4.2	4.1	More than 4.0
BOD ₅ (mg/L)	5 Day BOD Test (5210 B.) & Azide Modification (4500-O C.)	1.4	1.7	Less than 2.0
COD (mg/L)	Closed Reflux, Titrimetric Method (5220 C.)	25	32	-
Grease & Oil (mg/L)	Liquid-Liquid, Partition-Gravimetric Method (5520 B.)	<2	<2	-
Total Coliform Bacteria (MPN/100 mL)	Multiple-Tube Fermentation Technique (9221 B.)	1,100	1,300	Less than 20,000
Fecal Coliform Bacteria (MPN/100 mL)	Multiple-Tube Fermentation Technique (9221 E.)	680	790	Less than 4,000

Remark:

Sample Characteristics:

Station 1 = Khlong Bang Kham approximately 200 meter upstream of wastewater discharge point : Yellow turbid with slightly precipitate

Station 2 = Khlong Bang Kham approximately 200 meter downstream of wastewater discharge point : Yellow turbid with slightly precipitate

n' Temperature of water that must be not over 3 degree celsius from nature.

Standard = Surface Water Quality Standards (Category 3), Notification of the National Environment Board No. 8, B.E. 2537

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

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.

(Benjawan Sapphawong)

Laboratory Supervisor

10 / 06 / 25

----- End of Report -----

คุณภาพน้ำทิ้ง



Ref. No. W254-W256/01/25

Report No. 2501/092

338/12/65

Wastewater Quality Analysis Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 13 January 2025
Project Location : 61/1 Moo 11, Bangngha-Thakhleng Road, Kaosamorkorn, Tawung, Lopburi Date Received : 13 January 2025
Client Name/Address : Asia Pet (Thailand) Co., Ltd. Date of Analysis : 13-21 January 2025
Sampling by : Asia Pet (Thailand) Co., Ltd. Date Reported : 22 January 2025

Parameter	Analytical Method	Station 1	Station 2	Station 3	Standard
Flow Rate* (m ³ /hr.)	Metering	5.50	4.00	-	-
pH	Electrometric Method (4500-H ⁺ B.)	5.9	7.5	7.5	5.5-9.0
Total Suspended Solids (mg/L)	Total Suspended Solids Dried at 103-105 °C (2540 D.)	6.6	7.5	4.8	Less than 50
Total Dissolved Solids (mg/L)	Total Dissolved Solids Dried at 180 °C (2540 C.)	460	474	314	Less than 3,000
BOD ₅ (mg/L)	5 Day BOD Test (5210 B.) & Membrane Electrode Method (4500-O G.)	2,104	10	6	Less than 20
COD (mg/L)	Closed Reflux, Titrimetric Method (5220 C.)	6,056	70	64	Less than 120
TKN (mg/L)	Macro-Kjeldahl Method (4500-N _{org} B.) & Titrimetric Method (4500-NH ₃ C.)	2.8	1.9	1.4	Less than 100
Grease & Oil (mg/L)	Liquid-Liquid, Partition-Gravimetric Method (5520 B.)	2	<2	<2	Less than 5
Fecal Coliform Bacteria (MPN/100 mL)	Multiple-Tube Fermentation Technique (9221 E.)	20	330	490	-

Remark:

Sample Characteristics:

Station 1 = Wastewater Influent of Central Treatment Plant at Equalization Tank : Yellow with slightly precipitate

Station 2 = Wastewater Effluent at Chlorine Contact Tank before Discharge : Slightly precipitate

Station 3 = Sewer Line (Existing Earth Ditch) after Wastewater Receiving Point : Slightly precipitate

* Measured by Asia Pet (Thailand) Co., Ltd.

Standard = Industrial Effluent Standards, Notification of the Ministry of Industry B.E. 2560

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

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.

Laboratory Supervisor

22 / 01 / 25

----- End of Report -----



Ref. No. W194-W196/02/25

Report No. 2502/136

338/12/65

Wastewater Quality Analysis Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 10 February 2025
Project Location : 61/1 Moo 11, Bangngha-Thakhleng Road, Kaosamorkorn, Tawung, Lopburi Date Received : 11 February 2025
Client Name/Address : Asia Pet (Thailand) Co., Ltd. Date of Analysis : 11-20 February 2025
Sampling by : Asia Pet (Thailand) Co., Ltd. Date Reported : 21 February 2025

Parameter	Analytical Method	Station 1	Station 2	Station 3	Standard
Flow Rate* (m ³ /hr.)	Metering	5.50	4.00	-	-
pH	Electrometric Method (4500-H ⁺ B.)	8.1	7.4	7.2	5.5-9.0
Total Suspended Solids (mg/L)	Total Suspended Solids Dried at 103-105 °C (2540 D.)	2.2	7.1	6.6	Less than 50
Total Dissolved Solids (mg/L)	Total Dissolved Solids Dried at 180 °C (2540 C.)	256	344	242	Less than 3,000
BOD ₅ (mg/L)	5 Day BOD Test (5210 B.) & Membrane Electrode Method (4500-O G.)	2,792	10	7	Less than 20
COD (mg/L)	Closed Reflux, Titrimetric Method (5220 C.)	5,100	70	64	Less than 120
TKN (mg/L)	Macro-Kjeldahl Method (4500-N _{org} B.) & Titrimetric Method (4500-NH ₃ C.)	2.7	2.3	2.0	Less than 100
Grease & Oil (mg/L)	Liquid-Liquid, Partition-Gravimetric Method (5520 B.)	<2	<2	<2	Less than 5
Fecal Coliform Bacteria (MPN/100 mL)	Multiple-Tube Fermentation Technique (9221 E.)	<1.8	170	330	-

Remark:

Sample Characteristics:

Station 1 = Wastewater Influent of Central Treatment Plant at Equalization Tank : Slightly precipitate

Station 2 = Wastewater Effluent at Chlorine Contact Tank before Discharge : Slightly precipitate

Station 3 = Sewer Line (Existing Earth Ditch) after Wastewater Receiving Point : Slightly precipitate

* Measured by Asia Pet (Thailand) Co., Ltd.

Standard = Industrial Effluent Standards, Notification of the Ministry of Industry B.E. 2560

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

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.

(Thanutporn Numtrakulpattana)

Laboratory Supervisor

21/02/25

----- End of Report -----



Ref. No. W035-W037/03/25

Report No. 2503/021

42/12/67

Wastewater Quality Analysis Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 3 March 2025
Project Location : 61/1 Moo 11, Bangnga-Thakhleng Road, Kaosamorkorn, Tawung, Lopburi Date Received : 3 March 2025
Client Name/Address : Asia Pet (Thailand) Co., Ltd. Date of Analysis : 3-11 March 2025
Sampling by : Asia Pet (Thailand) Co., Ltd. Date Reported : 12 March 2025

Parameter	Analytical Method	Station 1	Station 2	Station 3	Standard
Flow Rate* (m ³ /hr.)	Metering	5.50	4.00	-	-
pH	Electrometric Method (4500-H ⁺ B.)	10.1	7.5	7.3	5.5-9.0
Total Suspended Solids (mg/L)	Total Suspended Solids Dried at 103-105 °C (2540 D.)	3.4	5.5	4.5	Less than 50
Total Dissolved Solids (mg/L)	Total Dissolved Solids Dried at 180 °C (2540 C.)	436	434	308	Less than 3,000
BOD ₅ (mg/L)	5 Day BOD Test (5210 B.) & Membrane Electrode Method (4500-O G.)	1,492	6	5	Less than 20
COD (mg/L)	Closed Reflux, Titrimetric Method (5220 C.)	3,825	45	38	Less than 120
TKN (mg/L)	Macro-Kjeldahl Method (4500-N _{org} B.) & Titrimetric Method (4500-NH ₃ C.)	3.5	3.7	3.4	Less than 100
Grease & Oil (mg/L)	Liquid-Liquid, Partition-Gravimetric Method (5520 B.)	<2	<2	<2	Less than 5
Fecal Coliform Bacteria (MPN/100 mL)	Multiple-Tube Fermentation Technique (9221 E.)	<1.8	130	240	-

Remark:

Sample Characteristics:

Station 1 = Wastewater Influent of Central Treatment Plant at Equalization Tank : Yellow with slightly precipitate

Station 2 = Wastewater Effluent at Chlorine Contact Tank before Discharge : Slightly precipitate

Station 3 = Sewer Line (Existing Earth Ditch) after Wastewater Receiving Point : Slightly precipitate

* Measured by Asia Pet (Thailand) Co., Ltd.

Standard = Industrial Effluent Standards, Notification of the Ministry of Industry B.E. 2560

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

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.

Laboratory Supervisor

12 / 03 / 25

----- End of Report -----



Ref. No. W236-W238/04/25

Report No. 2504/168

42/12/67

Wastewater Quality Analysis Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 8 April 2025
Project Location : 61/1 Moo 11, Bangngha-Thakhleng Road, Kaosamorkorn, Tawung, Lopburi Date Received : 9 April 2025
Client Name/Address : Asia Pet (Thailand) Co., Ltd. Date of Analysis : 9-21 April 2025
Sampling by : Asia Pet (Thailand) Co., Ltd. Date Reported : 22 April 2025

Parameter	Analytical Method	Station 1	Station 2	Station 3	Standard
Flow Rate* (m ³ /hr.)	Metering	5.50	4.00	-	-
pH	Electrometric Method (4500-H ⁺ B.)	10.4	7.2	7.0	5.5-9.0
Total Suspended Solids (mg/L)	Total Suspended Solids Dried at 103-105 °C (2540 D.)	5.0	17.0	14.0	Less than 50
Total Dissolved Solids (mg/L)	Total Dissolved Solids Dried at 180 °C (2540 C.)	474	494	320	Less than 3,000
BOD ₅ (mg/L)	5 Day BOD Test (5210 B.) & Membrane Electrode Method (4500-O G.)	2,137	10	6	Less than 20
COD (mg/L)	Closed Reflux, Titrimetric Method (5220 C.)	4,462	64	51	Less than 120
TKN (mg/L)	Macro-Kjeldahl Method (4500-N _{org} B.) & Titrimetric Method (4500-NH ₃ C.)	2.8	2.5	2.2	Less than 100
Grease & Oil (mg/L)	Liquid-Liquid, Partition-Gravimetric Method (5520 B.)	2	<2	<2	Less than 5
Fecal Coliform Bacteria (MPN/100 mL)	Multiple-Tube Fermentation Technique (9221 E.)	<1.8	1,300	2,400	-

Remark:

Sample Characteristics:

Station 1 = Wastewater Influent of Central Treatment Plant at Equalization Tank : Yellow with slightly precipitate

Station 2 = Wastewater Effluent at Chlorine Contact Tank before Discharge : Yellow with slightly precipitate

Station 3 = Sewer Line (Existing Earth Ditch) after Wastewater Receiving Point : Yellow with slightly precipitate

* Measured by Asia Pet (Thailand) Co., Ltd.

Standard = Industrial Effluent Standards, Notification of the Ministry of Industry B.E. 2560

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

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.

Laboratory Supervisor

22 / 04 / 25

----- End of Report -----



Ref. No. W048-W050/05/25

Report No. 2505/055

42/2/67

Wastewater Quality Analysis Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 6 May 2025
Project Location : 61/1 Moo 11, Bangngha-Thakhleng Road, Kaosamorkorn, Tawung, Lopburi Date Received : 6 May 2025
Client Name/Address : Asia Pet (Thailand) Co., Ltd. Date of Analysis : 6-15 May 2025
Sampling by : Asia Pet (Thailand) Co., Ltd. Date Reported : 16 May 2025

Parameter	Analytical Method	Station 1	Station 2	Station 3	Standard
Flow Rate* (m ³ /hr.)	Metering	5.50	4.00	-	-
pH	Electrometric Method (4500-H ⁺ B.)	11.4	8.6	8.5	5.5-9.0
Total Suspended Solids (mg/L)	Total Suspended Solids Dried at 103-105 °C (2540 D.)	5.4	9.8	8.8	Less than 50
Total Dissolved Solids (mg/L)	Total Dissolved Solids Dried at 180 °C (2540 C.)	466	484	378	Less than 3,000
BOD ₅ (mg/L)	5 Day BOD Test (5210 B.) & Membrane Electrode Method (4500-O G.)	2,133	7	5	Less than 20
COD (mg/L)	Closed Reflux, Titrimetric Method (5220 C.)	3,506	64	51	Less than 120
TKN (mg/L)	Macro-Kjeldahl Method (4500-N _{org} B.) & Titrimetric Method (4500-NH ₃ C.)	3.5	3.1	2.8	Less than 100
Grease & Oil (mg/L)	Liquid-Liquid, Partition-Gravimetric Method (5520 B.)	2	<2	<2	Less than 5
Fecal Coliform Bacteria (MPN/100 mL)	Multiple-Tube Fermentation Technique (9221 E.)	<1.8	490	790	-

Remark:

Sample Characteristics:

Station 1 = Wastewater Influent of Central Treatment Plant at Equalization Tank : Yellow with slightly precipitate

Station 2 = Wastewater Effluent at Chlorine Contact Tank before Discharge : Yellow with slightly precipitate

Station 3 = Sewer Line (Existing Earth Ditch) after Wastewater Receiving Point : Yellow with slightly precipitate

* Measured by Asia Pet (Thailand) Co., Ltd.

Standard = Industrial Effluent Standards, Notification of the Ministry of Industry B.E. 2560

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

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.

Laboratory Supervisor

16 / 05 / 25

----- End of Report -----



Ref. No. W246-W248/06/25

Report No. 2506/167

42/2/67

Wastewater Quality Analysis Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 9 June 2025
Project Location : 61/1 Moo 11, Bangngha-Thakhleng Road, Kaosamorkorn, Tawung, Lopburi Date Received : 9 June 2025
Client Name/Address : Asia Pet (Thailand) Co., Ltd. Date of Analysis : 9-17 June 2025
Sampling by : Asia Pet (Thailand) Co., Ltd. Date Reported : 18 June 2025

Parameter	Analytical Method	Station 1	Station 2	Station 3	Standard
Flow Rate* (m ³ /hr.)	Metering	5.50	4.00	-	-
pH	Electrometric Method (4500-H ⁺ B.)	11.1	8.6	8.5	5.5-9.0
Total Suspended Solids (mg/L)	Total Suspended Solids Dried at 103-105 °C (2540 D.)	5.3	9.5	8.0	Less than 50
Total Dissolved Solids (mg/L)	Total Dissolved Solids Dried at 180 °C (2540 C.)	504	686	482	Less than 3,000
BOD ₅ (mg/L)	5 Day BOD Test (5210 B.) & Membrane Electrode Method (4500-O G.)	1,556	3	2	Less than 20
COD (mg/L)	Closed Reflux, Titrimetric Method (5220 C.)	3,825	45	29	Less than 120
TKN (mg/L)	Macro-Kjeldahl Method (4500-N _{org} B.) & Titrimetric Method (4500-NH ₃ C.)	2.5	4.2	2.8	Less than 100
Grease & Oil (mg/L)	Liquid-Liquid, Partition-Gravimetric Method (5520 B.)	<2	<2	<2	Less than 5
Fecal Coliform Bacteria (MPN/100 mL)	Multiple-Tube Fermentation Technique (9221 E.)	<1.8	330	490	-

Remark:

Sample Characteristics:

Station 1 = Wastewater Influent of Central Treatment Plant at Equalization Tank : Yellow with slightly precipitate

Station 2 = Wastewater Effluent at Chlorine Contact Tank before Discharge : Yellow with slightly precipitate

Station 3 = Sewer Line (Existing Earth Ditch) after Wastewater Receiving Point : Yellow with slightly precipitate

* Measured by Asia Pet (Thailand) Co., Ltd.

Standard = Industrial Effluent Standards, Notification of the Ministry of Industry B.E. 2560

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

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.

Laboratory Supervisor

12 / 06 / 25

----- End of Report -----

คุณภาพอากาศในสถานประกอบการ



Ref. No. A576-A577/03/25

Report No. 2503/370

42/12/67

Workplace Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited Sampling Date : 22 March 2025
Project Location : 61/1 Moo 11, Bangnga-Thaklong Road, Kaosamorkorn, Tawung, Lopburi Date Received : 24 March 2025
Client Name/Address : Asia Pet (Thailand) Limited Date of Analysis : 24 March-3 April 2025
Sampling by : Sathaporn Wisetmuen Date Reported : 4 April 2025
S.P.S. Consulting Service Co., Ltd.

Parameter	Sampling Method	Analytical Method	EG Storage Tank Area	EG Daily Tank Area	Standard
Ethylene Glycol (mg/m ³)	Sorbent Tube	GC/FID Method (NIOSH 5523)	<0.02	<0.02	100

Remark:

Standard = Announcement of the Department of Labor Protection and Welfare on the Threshold Limit Values for Hazardous Chemicals Substances, B.E. 2560 (Ceiling Limit)

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.



Laboratory Supervisor

A. O. A. S.

----- End of Report -----



Ref. No. A578-A580/03/25

Report No. 2503/370

42/12/67

Workplace Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited
Project Location : 61/1 Moo 11, Bangngha-Thakhlong Road, Kaosamorkorn, Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Limited
Sampling by : Sathaporn Wisetmuen
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 22 March 2025
Date Received : 24 March 2025
Date of Analysis : 24 March-3 April 2025
Date Reported : 4 April 2025

Parameter	Sampling Method	Analytical Method	CP1-Building			Standard
			Station 1	Station 2	Station 3	
Acetaldehyde (ppm)	Sorbent Tube	GC/FID Method (NIOSH 2538)	<0.01	<0.01	<0.01	200

Remark:

Station 1 = CP Building 1st Floor (+0.00 m)

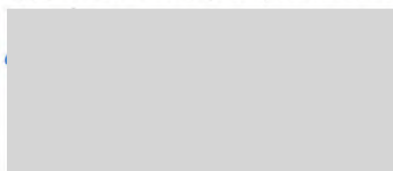
Station 2 = CP Building 2nd Floor (+7.00 m)

Station 3 = CP Building 3rd Floor (+14.00 m)

Standard = Announcement of the Department of Labor Protection and Welfare on the Threshold Limit Values for Hazardous Chemicals Substances, B.E. 2560 (TWA).

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.



Laboratory Supervisor

4 / 04 / 25

----- End of Report -----



Ref. No. A581-A583/03/25

Report No. 2503/370

42/12/67

Workplace Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited
Project Location : 61/1 Moo 11, Bangngha-Thakhleng Road, Kaosamorkorn, Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Limited
Sampling by : Sathaporn Wisetmuen
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 22 March 2025
Date Received : 24 March 2025
Date of Analysis : 24 March-3 April 2025
Date Reported : 4 April 2025

Parameter	Sampling Method	Analytical Method	CP2-Building			Standard
			Station 1	Station 2	Station 3	
Acetaldehyde (ppm)	Sorbent Tube	GC/FID Method (NIOSH 2538)	<0.01	<0.01	<0.01	200

Remark:

Station 1 = CP Building 1st Floor

Station 2 = CP Building 2nd Floor

Station 3 = CP Building 3rd Floor

Standard = Announcement of the Department of Labor Protection and Welfare on the Threshold Limit Values for Hazardous Chemicals Substances, B.E. 2560 (TWA).

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.



Laboratory Supervisor

4 / 04 / 25

----- End of Report -----



Ref. No. A589-A590/06/25

Report No. 2506/497

42/12/67

Workplace Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited Sampling Date : 25 June 2025
Project Location : 61/1 Moo 11, Bangnha-Thaklong Road, Kaosamorkorn, Tawung, Lopburi Date Received : 27 June 2025
Date of Analysis : 27 June-11 July 2025
Client Name/Address : Asia Pet (Thailand) Limited Date Reported : 14 July 2025
Sampling by : Sitthisak Kumwongsa
S.P.S. Consulting Service Co., Ltd.

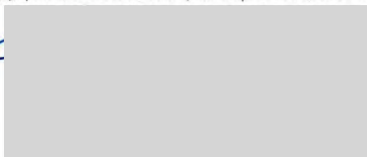
Parameter	Sampling Method	Analytical Method	EG Storage Tank Area	EG Daily Tank Area	Standard
Ethylene Glycol (mg/m ³)	Sorbent Tube	GC/FID Method (NIOSH 5523)	<0.02	<0.02	100

Remark:

Standard = Announcement of the Department of Labor Protection and Welfare on the Threshold Limit Values for Hazardous Chemicals Substances, B.E. 2560 (Ceiling Limit)

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.



Laboratory Supervisor

14 07 25

----- End of Report -----



Ref. No. A591-A593/06/25

Report No. 2506/497

42/12/67

Workplace Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited Sampling Date : 25 June 2025
Project Location : 61/1 Moo 11, Bangngha-Thakhleng Road, Kaosamorkorn, Tawung, Lopburi Date Received : 27 June 2025
Date of Analysis : 27 June-11 July 2025
Client Name/Address : Asia Pet (Thailand) Limited Date Reported : 14 July 2025
Sampling by : Sitthisak Kumwongsa
S.P.S. Consulting Service Co., Ltd.

Parameter	Sampling Method	Analytical Method	CP1-Building			Standard
			Station 1	Station 2	Station 3	
Acetaldehyde (ppm)	Sorbent Tube	GC/FID Method (NIOSH 2538)	<0.01	<0.01	<0.01	200

Remark:

Station 1 = CP Building 1st Floor (+0.00 m)

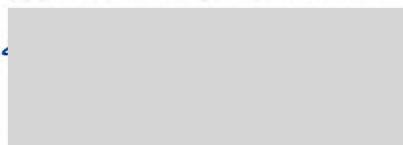
Station 2 = CP Building 2nd Floor (+7.00 m)

Station 3 = CP Building 3rd Floor (+14.00 m)

Standard = Announcement of the Department of Labor Protection and Welfare on the Threshold Limit Values for Hazardous Chemicals Substances, B.E. 2560 (TWA).

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.



(Sujinda Vichasawat)

Laboratory Supervisor

14 / 07 / 25

----- End of Report -----



Ref. No. A594-A596/06/25

Report No. 2506/497

42/12/67

Workplace Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited Sampling Date : 25 June 2025
Project Location : 61/1 Moo 11, Bangnga-Thakhleng Road, Kaosamorkorn, Tawung, Lopburi Date Received : 27 June 2025
Date of Analysis : 27 June-11 July 2025
Client Name/Address : Asia Pet (Thailand) Limited Date Reported : 14 July 2025
Sampling by : Sitthisak Kumwongsa
S.P.S. Consulting Service Co., Ltd.

Parameter	Sampling Method	Analytical Method	CP2-Building			Standard
			Station 1	Station 2	Station 3	
Acetaldehyde (ppm)	Sorbent Tube	GC/FID Method (NIOSH 2538)	<0.01	<0.01	<0.01	200

Remark:

Station 1 = CP Building 1st Floor

Station 2 = CP Building 2nd Floor

Station 3 = CP Building 3rd Floor

Standard = Announcement of the Department of Labor Protection and Welfare on the Threshold Limit Values for Hazardous Chemicals Substances, B.E. 2560 (TWA).

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.



Laboratory Supervisor

14/07/25

----- End of Report -----



Ref. No. A588/06/25

Report No. 2506/497

42/12/67

Workplace Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited Sampling Date : 25 June 2025
Project Location : 61/1 Moo 11, Bangngha-Thakhleng Road, Kaosamorkorn, Tawung, Lopburi Date Received : 27 June 2025
Date of Analysis : 27 June-11 July 2025
Client Name/Address : Asia Pet (Thailand) Limited Date Reported : 14 July 2025
Sampling by : Sitthisak Kumwongsa
S.P.S. Consulting Service Co., Ltd.

Parameter	Sampling Method	Analytical Method	WWTT	Standard
1,4-Dioxane (ppm)	Sorbent Tube	GC/FID Method (NIOSH 1602)	<0.01	100

Remark:

Standard = Announcement of the Department of Labor Protection and Welfare on the Threshold Limit Values for Hazardous Chemicals Substances, B.E. 2560 (TWA).

Reported results refer to submitted samples only.

Do not copy partial of this analysis report without official approval.



Laboratory Supervisor

14/07/25

----- End of Report -----

ระดับเสียงในสถานประกอบการ



BY238/03/68

42/12/67

Noise Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 21 March 2025
Project Location : 61/1 Moo 11, Bangnga-Thaklong Road Date Reported : 27 March 2025
Tambon Kaosamorkorn, Amphur Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Co., Ltd.
Sampling By : S.P.S. Consulting Service Co., Ltd.

Time	Utility Area					Standard
	L _{eq} 1 hr [dB(A)]					
14:00-15:00	80.3					-
15:00-16:00	83.6					-
16:00-17:00	79.0					-
17:00-18:00	77.7					-
18:00-19:00	78.0					-
19:00-20:00	78.1					-
20:00-21:00	77.7					-
21:00-22:00	77.8					-
L _{eq} 8 hr [dB(A)]	79.6					Less Than 90.0
L _{max} [dB(A)]	92.1					Less Than 140.0
-	Sound Level Meter Data					-
	Calibrate Sheet No.: Noise B_087/25			20 March 2025		
	Equipment	Brand	Model	Serial No.	Standard	
	Sound Level Meter (No.B18)	ACO	6236	00172048	IEC 61672	
	Actual Reading [dB]					
	Before Adjustment			After Adjustment		
	93.7			93.9		

Remark:

Standard = Safety Protection Measures in Industrial Plant Operation Concerning Working Environment,
Notification of the Ministry of Industry, B.E. 2546 (2003)

Sampling Method = Sound Level Meter

Acoustic Calibrator, ACO, Model 2127, S/N. 130006, IEC 60942

Reported results refer to measurement time only.

Do not copy partial of this measurement report without official approval.



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BY238/03/68

42/12/67

Noise Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 21 March 2025
Project Location : 61/1 Moo 11, Bangnga-Thaklong Road Date Reported : 27 March 2025
Tambon Kaosamorkorn, Amphur Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Co., Ltd.
Sampling By : S.P.S. Consulting Service Co., Ltd.

Time	PTA Silos					Standard
	L _{eq} 1 hr [dB(A)]					
14:00-15:00	75.7					-
15:00-16:00	80.2					-
16:00-17:00	76.7					-
17:00-18:00	79.1					-
18:00-19:00	83.5					-
19:00-20:00	81.3					-
20:00-21:00	76.9					-
21:00-22:00	76.4					-
L _{eq} 8 hr [dB(A)]	79.6					Less Than 90.0
L _{max} [dB(A)]	96.5					Less Than 140.0
-	Sound Level Meter Data					-
	Calibrate Sheet No.: Noise B_087/25			20 March 2025		
	Equipment	Brand	Model	Serial No.	Standard	
	Sound Level Meter (No.B29)	ACO	6236	00182011	IEC 61672	
	Actual Reading [dB]					
	Before Adjustment			After Adjustment		
	93.9			93.9		

Remark:

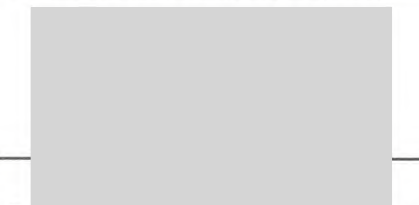
Standard = Safety Protection Measures in Industrial Plant Operation Concerning Working Environment,
Notification of the Ministry of Industry, B.E. 2546 (2003)

Sampling Method = Sound Level Meter

Acoustic Calibrator, ACO, Model 2127, S/N. 130006, IEC 60942

Reported results refer to measurement time only.

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Technician and Analysis of Work Environment

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42/12/67

Noise Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 21 March 2025
Project Location : 61/1 Moo 11, Bangnga-Thaklong Road Date Reported : 27 March 2025
Tambon Kaosamorkorn, Amphur Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Co., Ltd.
Sampling By : S.P.S. Consulting Service Co., Ltd.

Time	CP 1 Building	Standard				
	L _{eq} 1 hr [dB(A)]					
14:00-15:00	83.3	-				
15:00-16:00	83.8	-				
16:00-17:00	83.9	-				
17:00-18:00	83.3	-				
18:00-19:00	83.4	-				
19:00-20:00	84.0	-				
20:00-21:00	83.9	-				
21:00-22:00	83.4	-				
L _{eq} 8 hr [dB(A)]	83.6	Less Than 90.0				
L _{max} [dB(A)]	91.3	Less Than 140.0				
-	Sound Level Meter Data					-
	Calibrate Sheet No.: Noise B_087/25			20 March 2025		
	Equipment	Brand	Model	Serial No.	Standard	
	Sound Level Meter (No.B33)	ACO	6236	00182015	IEC 61672	
	Actual Reading [dB]					
	Before Adjustment			After Adjustment		
	93.8			93.9		

Remark:

Standard = Safety Protection Measures in Industrial Plant Operation Concerning Working Environment,
Notification of the Ministry of Industry, B.E. 2546 (2003)

Sampling Method = Sound Level Meter

Acoustic Calibrator, ACO, Model 2127, S/N. 130006, IEC 60942

Reported results refer to measurement time only.

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Technician and Analysis of Work Environment

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BY238/03/68

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Noise Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 21 March 2025
Project Location : 61/1 Moo 11, Bangnga-Thaklong Road Date Reported : 27 March 2025
Tambon Kaosamorkorn, Amphur Tawung, Lopburi
Client Name/Address : Asia Pet (Thailand) Co., Ltd.
Sampling By : S.P.S. Consulting Service Co., Ltd.

Time	CP 2 Building					Standard
	L _{eq} 1 hr [dB(A)]					
13:30-14:30	82.7					-
14:30-15:30	83.4					-
15:30-16:30	82.5					-
16:30-17:30	82.2					-
17:30-18:30	81.7					-
18:30-19:30	82.1					-
19:30-20:30	82.2					-
20:30-21:30	82.5					-
L _{eq} 8 hr [dB(A)]	82.4					Less Than 90.0
L _{max} [dB(A)]	98.3					Less Than 140.0
-	Sound Level Meter Data					-
	Calibrate Sheet No.: Noise B_087/25			20 March 2025		
	Equipment	Brand	Model	Serial No.	Standard	
	Sound Level Meter (No.B36)	ACO	6236	00192027	IEC 61672	
	Actual Reading [dB]					
	Before Adjustment			After Adjustment		
	93.9			93.9		

Remark:

Standard = Safety Protection Measures in Industrial Plant Operation Concerning Working Environment,
Notification of the Ministry of Industry, B.E. 2546 (2003)

Sampling Method = Sound Level Meter

Acoustic Calibrator, ACO, Model 2127, S/N. 130006, IEC 60942

Reported results refer to measurement time only.

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(Pnenpna vipastnawat)

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