

ภาคผนวกที่ 3

ผลการตรวจวัดคุณภาพสิ่งแวดล้อม

คุณภาพอากาศในบรรยากาศ



Ref. No. A094(1)-A094(7)/12/24

Report No. 2412/028

338/12/65

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 : Narunat Tophu
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 25 November-2 December 2024
Date Received : 3 December 2024
Date of Analysis : 3-17 December 2024
Date Reported : 18 December 2024

Parameter	Sampling Method	Analytical Method	Project Area								Standard
			November-December 2024								
			25-26	26-27	27-28	28-29	29-30	30-1	1-2		
Total Suspended Particulate (mg/m ³)	High Volume Air Sampler	Gravimetric Method (U.S. EPA 40 CFR Part 50 Appendix B)	0.082	0.064	0.090	0.079	0.046	0.058	0.071	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)	16	-	-	-	-	-	-	Less than 860 ^[2]	
1,4-Dioxane (µg/m ³)	Canister	GC/MS Method (U.S. EPA Method TO-15)	80	-	-	-	-	-	-	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.

(Sujinda Vichasawat)

Laboratory Supervisor

18 / 12 / 24

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



BY246/11/67

338/12/65

Nitrogen Dioxide Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 25 November - 2 December 2024
Project Location : 61/1 Moo 11, Bangnga-Thaklong Road Date Reported : 9 December 2024
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
	November - December 2024							
	25-26	26-27	27-28	28-29	29-30	30-1	1-2	
14:00-15:00	0.0202	0.0152	0.0241	0.0205	0.0235	0.0246	0.0175	-
15:00-16:00	0.0184	0.0177	0.0213	0.0233	0.0200	0.0212	0.0161	-
16:00-17:00	0.0243	0.0167	0.0191	0.0211	0.0187	0.0181	0.0209	-
17:00-18:00	0.0195	0.0182	0.0167	0.0197	0.0197	0.0159	0.0238	-
18:00-19:00	0.0176	0.0162	0.0171	0.0165	0.0202	0.0173	0.0194	-
19:00-20:00	0.0146	0.0183	0.0153	0.0185	0.0176	0.0156	0.0152	-
20:00-21:00	0.0155	0.0156	0.0174	0.0169	0.0151	0.0187	0.0176	-
21:00-22:00	0.0161	0.0144	0.0166	0.0135	0.0168	0.0155	0.0169	-
22:00-23:00	0.0154	0.0153	0.0159	0.0155	0.0156	0.0144	0.0141	-
23:00-00:00	0.0133	0.0126	0.0147	0.0142	0.0133	0.0120	0.0132	-
00:00-01:00	0.0119	0.0106	0.0121	0.0128	0.0123	0.0103	0.0117	-
01:00-02:00	0.0098	0.0091	0.0092	0.0096	0.0094	0.0091	0.0104	-
02:00-03:00	0.0117	0.0124	0.0101	0.0115	0.0114	0.0116	0.0122	-
03:00-04:00	0.0134	0.0145	0.0111	0.0138	0.0137	0.0123	0.0137	-
04:00-05:00	0.0148	0.0156	0.0132	0.0154	0.0157	0.0149	0.0159	-
05:00-06:00	0.0155	0.0163	0.0150	0.0162	0.0167	0.0151	0.0165	-
06:00-07:00	0.0166	0.0152	0.0175	0.0182	0.0176	0.0165	0.0192	-
07:00-08:00	0.0181	0.0176	0.0163	0.0154	0.0163	0.0182	0.0173	-
08:00-09:00	0.0170	0.0150	0.0188	0.0170	0.0143	0.0160	0.0192	-
09:00-10:00	0.0191	0.0173	0.0203	0.0148	0.0168	0.0170	0.0169	-
10:00-11:00	0.0219	0.0207	0.0176	0.0120	0.0155	0.0158	0.0141	-
11:00-12:00	0.0174	0.0231	0.0194	0.0152	0.0170	0.0187	0.0183	-
12:00-13:00	0.0167	0.0192	0.0186	0.0175	0.0196	0.0176	0.0164	-
13:00-14:00	0.0142	0.0218	0.0175	0.0192	0.0221	0.0195	0.0153	-
Max 1 hr [ppm]	0.0243	0.0231	0.0241	0.0233	0.0235	0.0246	0.0238	Less Than 0.17 [ppm]
Average 24 hr [ppm]	0.0164	0.0162	0.0165	0.0162	0.0166	0.0161	0.0163	-
Analyzer Data	Analyzer No. : NO _x -B18			Brand : API			-	
	Model : TML-41M			Serial No. : N07543				

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

9 / 12 / 24



Ref. No. A344/07/24

Report No. 2407/351

338/12/65

Ambient Air Quality Analysis Report

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

Sampling Date : 18-19 July 2024
Date Received : 19 July 2024
Date of Analysis : 19 July-5 August 2024
Date Reported : 6 August 2024

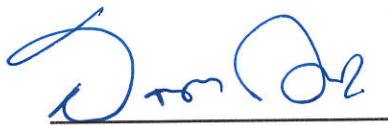
Parameter	Sampling Method	Analytical Method	Project Area	Standard
Acetaldehyde ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	12	Less than 860
1,4-Dioxane ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	39	Less than 860

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
6 / 08 / 24

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



Ref. No. A301/08/24

Report No. 2408/334

338/12/65

Ambient Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited Sampling Date : 22-23 August 2024
Project Location : 61/1 Moo 11, Bangngha-Thakhleng Road, Kaosamorkorn, Date Received : 23 August 2024
Tawung, Lopburi Date of Analysis : 23 August-4 September 2024
Client Name/Address : Asia Pet (Thailand) Limited Date Reported : 5 September 2024
Sampling by : Rattanakorn Yosruangsak
S.P.S. Consulting Service Co., Ltd.

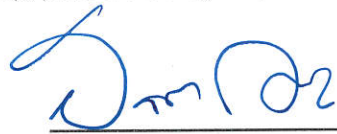
Parameter	Sampling Method	Analytical Method	Project Area	Standard
Acetaldehyde ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	45	Less than 860
1,4-Dioxane ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	89	Less than 860

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
509 / 89

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



Ref. No. A257/09/24

Report No. 2409/223

338/12/65

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 : Rattanakorn Yosruangsak
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 13-14 September 2024
Date Received : 16 September 2024
Date of Analysis : 16-26 September 2024
Date Reported : 27 September 2024

Parameter	Sampling Method	Analytical Method	Project Area	Standard
Acetaldehyde ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	52	Less than 860
1,4-Dioxane ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	92	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.

1 (Sujinda Vichasawat)

Laboratory Supervisor

27/09/24

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



Ref. No. A220/10/24

Report No. 2410/076

338/12/65

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 : Rattanakorn Yosruangsak
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 4-5 October 2024
Date Received : 7 October 2024
Date of Analysis : 7-18 October 2024
Date Reported : 21 October 2024

Parameter	Sampling Method	Analytical Method	Project Area	Standard
Acetaldehyde ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	13	Less than 860
1,4-Dioxane ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	90	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

21 / 10 / 24

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



Ref. No. A335/12/24

Report No. 2412/309

338/12/65

Ambient Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited Sampling Date : 18-19 December 2024
Project Location : 61/1 Moo 11, Bangngha-Thakhlong Road, Kaosamorkorn, Tawung, Lopburi Date Received : 19 December 2024
Client Name/Address : Asia Pet (Thailand) Limited Date of Analysis : 19 December 2024-8 January 2025
Sampling by : Peeraphong Suphansri Date Reported : 9 January 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	9.4	Less than 860
1,4-Dioxane ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	81	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

9 / 01 / 25

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



Ref. No. A095(1)-A095(7)/12/24

Report No. 2412/028

338/12/65

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 : Narunat Tophu
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 25 November-2 December 2024
Date Received : 3 December 2024
Date of Analysis : 3-17 December 2024
Date Reported : 18 December 2024

Parameter	Sampling Method	Analytical Method	Khao Samo Khon Public Health Center								Standard
			November-December 2024								
			25-26	26-27	27-28	28-29	29-30	30-1	1-2		
Total Suspended Particulate (mg/m ³)	High Volume Air Sampler	Gravimetric Method (U.S. EPA 40 CFR Part 50 Appendix B)	0.026	0.034	0.049	0.030	0.020	0.038	0.045	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)	6.8	-	-	-	-	-	-	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.

(Sujinda Vichasawat)

Laboratory Supervisor

18/12/24

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



BY246/11/67

338/12/65

Nitrogen Dioxide Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 25 November - 2 December 2024
Project Location : 61/1 Moo 11, Bangngha-Thaklong Road Date Reported : 9 December 2024
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
	November - December 2024							
	25-26	26-27	27-28	28-29	29-30	30-1	1-2	
16:00-17:00	0.0193	0.0143	0.0212	0.0183	0.0202	0.0144	0.0137	-
17:00-18:00	0.0165	0.0154	0.0182	0.0237	0.0188	0.0156	0.0152	-
18:00-19:00	0.0136	0.0165	0.0167	0.0190	0.0152	0.0164	0.0179	-
19:00-20:00	0.0156	0.0181	0.0141	0.0155	0.0172	0.0175	0.0155	-
20:00-21:00	0.0178	0.0171	0.0163	0.0169	0.0165	0.0182	0.0149	-
21:00-22:00	0.0169	0.0198	0.0151	0.0144	0.0143	0.0155	0.0160	-
22:00-23:00	0.0157	0.0162	0.0143	0.0157	0.0159	0.0142	0.0156	-
23:00-00:00	0.0135	0.0134	0.0128	0.0147	0.0131	0.0138	0.0136	-
00:00-01:00	0.0113	0.0114	0.0110	0.0125	0.0128	0.0116	0.0105	-
01:00-02:00	0.0095	0.0097	0.0094	0.0095	0.0098	0.0102	0.0095	-
02:00-03:00	0.0109	0.0103	0.0105	0.0122	0.0115	0.0121	0.0115	-
03:00-04:00	0.0124	0.0136	0.0132	0.0139	0.0137	0.0134	0.0143	-
04:00-05:00	0.0149	0.0158	0.0144	0.0154	0.0142	0.0145	0.0150	-
05:00-06:00	0.0162	0.0176	0.0160	0.0164	0.0167	0.0160	0.0176	-
06:00-07:00	0.0172	0.0164	0.0172	0.0149	0.0156	0.0185	0.0162	-
07:00-08:00	0.0187	0.0154	0.0161	0.0154	0.0143	0.0163	0.0189	-
08:00-09:00	0.0152	0.0165	0.0176	0.0140	0.0163	0.0135	0.0178	-
09:00-10:00	0.0148	0.0175	0.0156	0.0157	0.0186	0.0156	0.0190	-
10:00-11:00	0.0176	0.0151	0.0183	0.0160	0.0150	0.0167	0.0231	-
11:00-12:00	0.0224	0.0161	0.0198	0.0181	0.0176	0.0192	0.0200	-
12:00-13:00	0.0247	0.0153	0.0178	0.0168	0.0216	0.0234	0.0175	-
13:00-14:00	0.0214	0.0177	0.0201	0.0176	0.0245	0.0207	0.0155	-
14:00-15:00	0.0173	0.0202	0.0239	0.0163	0.0202	0.0180	0.0145	-
15:00-16:00	0.0157	0.0243	0.0196	0.0181	0.0173	0.0156	0.0161	-
Max 1 hr [ppm]	0.0247	0.0243	0.0239	0.0237	0.0245	0.0234	0.0231	Less Than 0.17 [ppm]
Average 24 hr [ppm]	0.0162	0.0160	0.0162	0.0159	0.0163	0.0159	0.0158	-
Analyzer Data	Analyzer No. : NO _x -B12			Brand : API			-	
	Model : 200A			Serial No. : 2675				

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

9 / 12 / 24



Ref. No. A345/07/24

Report No. 2407/351

338/12/65

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 : Rattanakorn Yosruangsak
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 18-19 July 2024
Date Received : 19 July 2024
Date of Analysis : 19 July-5 August 2024
Date Reported : 6 August 2024

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	7.2	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

6 / 08 24

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



Ref. No. A302/08/24

Report No. 2408/334

338/12/65

Ambient Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited Sampling Date : 22-23 August 2024
Project Location : 61/1 Moo 11, Bangngha-Thakhleng Road, Kaosamorkorn, Date Received : 23 August 2024
Tawung, Lopburi Date of Analysis : 23 August-4 September 2024
Client Name/Address : Asia Pet (Thailand) Limited Date Reported : 5 September 2024
Sampling by : Rattanakorn Yosruangsak
S.P.S. Consulting Service Co., Ltd.

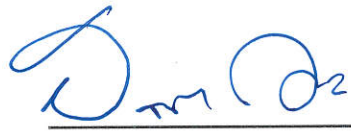
Parameter	Sampling Method	Analytical Method	Khao Samo Khon Public Health Center	Standard
Acetaldehyde ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	9.1	Less than 860
1,4-Dioxane ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	<0.20	Less than 860

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
5/09/24

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



Ref. No. A258/09/24

Report No. 2409/223

338/12/65

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 : Rattanakorn Yosruangsak
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 13-14 September 2024
Date Received : 16 September 2024
Date of Analysis : 16-26 September 2024
Date Reported : 27 September 2024


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	11	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
27/09/24

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



Ref. No. A221/10/24

Report No. 2410/076

338/12/65

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 : Rattanakorn Yosruangsak
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 4-5 October 2024
Date Received : 7 October 2024
Date of Analysis : 7-18 October 2024
Date Reported : 21 October 2024

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	5.0	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

21 / 10 / 24

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



Ref. No. A336/12/24

Report No. 2412/309

338/12/65

Ambient Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited Sampling Date : 18-19 December 2024
Project Location : 61/1 Moo 11, Bangngha-Thakhleng Road, Kaosamorkorn, Date Received : 19 December 2024
Tawung, Lopburi Date of Analysis : 19 December 2024-8 January 2025
Client Name/Address : Asia Pet (Thailand) Limited Date Reported : 9 January 2025
Sampling by : Peeraphong Suphansri
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	3.9	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.

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

(Sujinda Vichasawat)

Laboratory Supervisor

9 / 01 / 25

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



Ref. No. A096(1)-A096(7)/12/24

Report No. 2412/028

338/12/65

Ambient Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited Sampling Date : 25 November-2 December 2024
Project Location : 61/1 Moo 11, Bangngha-Thakhleng Road, Date Received : 3 December 2024
Kasamorkorn, Tawung, Lopburi Date of Analysis : 3-17 December 2024
Client Name/Address : Asia Pet (Thailand) Limited Date Reported : 18 December 2024
Sampling by : Narunat Tophu
S.P.S. Consulting Service Co., Ltd.

Parameter	Sampling Method	Analytical Method	Tham Khao Tako School								Standard
			November-December 2024								
			25-26	26-27	27-28	28-29	29-30	30-1	1-2		
Total Suspended Particulate (mg/m ³)	High Volume Air Sampler	Gravimetric Method (U.S. EPA 40 CFR Part 50 Appendix B)	0.035	0.032	0.047	0.038	0.029	0.041	0.045	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)	5.0	-	-	-	-	-	-	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.

(Sujinda Vichasawat)

Laboratory Supervisor

18/12/24

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



BY246/11/67

338/12/65

Nitrogen Dioxide Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 25 November - 2 December 2024
Project Location : 61/1 Moo 11, Bangngha-Thaklong Road Date Reported : 9 December 2024
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
	November - December 2024							
	25-26	26-27	27-28	28-29	29-30	30-1	1-2	
15:00-16:00	0.0230	0.0159	0.0156	0.0241	0.0183	0.0154	0.0203	-
16:00-17:00	0.0183	0.0177	0.0179	0.0200	0.0202	0.0172	0.0236	-
17:00-18:00	0.0147	0.0149	0.0202	0.0178	0.0232	0.0197	0.0210	-
18:00-19:00	0.0166	0.0121	0.0237	0.0156	0.0198	0.0169	0.0173	-
19:00-20:00	0.0151	0.0156	0.0191	0.0147	0.0171	0.0156	0.0166	-
20:00-21:00	0.0143	0.0187	0.0162	0.0162	0.0161	0.0170	0.0145	-
21:00-22:00	0.0160	0.0163	0.0173	0.0156	0.0193	0.0154	0.0157	-
22:00-23:00	0.0151	0.0147	0.0157	0.0137	0.0169	0.0133	0.0145	-
23:00-00:00	0.0130	0.0125	0.0137	0.0142	0.0146	0.0127	0.0132	-
00:00-01:00	0.0110	0.0107	0.0107	0.0121	0.0119	0.0102	0.0112	-
01:00-02:00	0.0099	0.0091	0.0092	0.0102	0.0105	0.0096	0.0091	-
02:00-03:00	0.0114	0.0114	0.0118	0.0099	0.0122	0.0117	0.0125	-
03:00-04:00	0.0133	0.0122	0.0120	0.0119	0.0133	0.0139	0.0147	-
04:00-05:00	0.0154	0.0146	0.0141	0.0133	0.0147	0.0140	0.0152	-
05:00-06:00	0.0173	0.0163	0.0165	0.0151	0.0156	0.0154	0.0168	-
06:00-07:00	0.0165	0.0179	0.0153	0.0161	0.0161	0.0165	0.0174	-
07:00-08:00	0.0154	0.0157	0.0167	0.0173	0.0132	0.0157	0.0161	-
08:00-09:00	0.0163	0.0146	0.0145	0.0187	0.0141	0.0162	0.0158	-
09:00-10:00	0.0176	0.0166	0.0152	0.0175	0.0169	0.0143	0.0148	-
10:00-11:00	0.0168	0.0178	0.0141	0.0190	0.0144	0.0164	0.0164	-
11:00-12:00	0.0189	0.0195	0.0166	0.0164	0.0151	0.0181	0.0195	-
12:00-13:00	0.0156	0.0239	0.0179	0.0173	0.0173	0.0201	0.0179	-
13:00-14:00	0.0169	0.0182	0.0167	0.0188	0.0198	0.0244	0.0154	-
14:00-15:00	0.0176	0.0168	0.0194	0.0164	0.0168	0.0196	0.0149	-
Max 1 hr [ppm]	0.0230	0.0239	0.0237	0.0241	0.0232	0.0244	0.0236	Less Than 0.17 [ppm]
Average 24 hr [ppm]	0.0157	0.0156	0.0158	0.0159	0.0161	0.0158	0.0160	-
Analyzer Data	Analyzer No. : NO _x -B09 Brand : API							-
	Model : 200E Serial No. : 4412							

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

9 / 12 / 24



Ref. No. A346/07/24

Report No. 2407/351

338/12/65

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 : Rattanakorn Yosruangsak
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 18-19 July 2024
Date Received : 19 July 2024
Date of Analysis : 19 July-5 August 2024
Date Reported : 6 August 2024

Parameter	Sampling Method	Analytical Method	Tham Khao Tako School	Standard
Acetaldehyde ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	16	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

6 / 08 / 24

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



Ref. No. A303/08/24

Report No. 2408/334

338/12/65

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 : Rattanakorn Yosruangsak
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 22-23 August 2024
Date Received : 23 August 2024
Date of Analysis : 23 August-4 September 2024
Date Reported : 5 September 2024

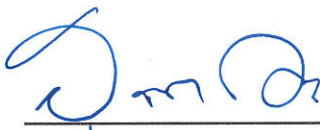
Parameter	Sampling Method	Analytical Method	Tham Khao Tako School	Standard
Acetaldehyde ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	21	Less than 860
1,4-Dioxane ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	<0.20	Less than 860

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
5 / 09 / 24

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



Ref. No. A259/09/24

Report No. 2409/223

338/12/65

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 : Rattanakorn Yosruangsak
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 13-14 September 2024
Date Received : 16 September 2024
Date of Analysis : 16-26 September 2024
Date Reported : 27 September 2024

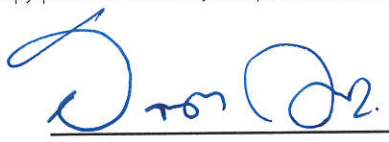
Parameter	Sampling Method	Analytical Method	Tham Khao Tako School	Standard
Acetaldehyde ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	30	Less than 860
1,4-Dioxane ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	<0.20	Less than 860

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
27/09/24

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



Ref. No. A222/10/24

Report No. 2410/076

338/12/65

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 : Rattanakorn Yosruangsak
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 4-5 October 2024
Date Received : 7 October 2024
Date of Analysis : 7-18 October 2024
Date Reported : 21 October 2024


Parameter	Sampling Method	Analytical Method	Tham Khao Tako School	Standard
Acetaldehyde ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	18	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
21 / 10 / 24

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



Ref. No. A337/12/24

Report No. 2412/309

338/12/65

Ambient Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited Sampling Date : 18-19 December 2024
Project Location : 61/1 Moo 11, Bangnga-Thakhleng Road, Kaosamorkorn, Tawung, Lopburi Date Received : 19 December 2024
Date of Analysis : 19 December 2024-8 January 2025
Client Name/Address : Asia Pet (Thailand) Limited Date Reported : 9 January 2025
Sampling by : Peeraphong Suphansri
S.P.S. Consulting Service Co., Ltd.

Parameter	Sampling Method	Analytical Method	Tham Khao Tako School	Standard
Acetaldehyde ($\mu\text{g}/\text{m}^3$)	Canister	U.S. EPA Method TO-15	3.6	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.

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

(Sujinda Vichasawat)

Laboratory Supervisor

9,01,25

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

ความเร็วและทิศทางลม



BY246/11/67

338/12/65

Wind Speed and Wind Direction Measurement Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 25 November - 2 December 2024
Project Location : 61/1 Moo 11, Bangngha-Thaklong Road Date Reported : 9 December 2024
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°)	7.738	-	-	-	-
NNE (11°-34°)	12.500	-	-	-	-
NE (34°-56°)	13.690	-	-	-	-
ENE (56°-79°)	51.192	8.333	-	-	-
E (79°-102°)	5.952	-	-	-	-
ESE (102°-124°)	0.595	-	-	-	-
SE (124°-146°)	-	-	-	-	-
SSE (146°-169°)	-	-	-	-	-
S (169°-191°)	-	-	-	-	-
SSW (191°-214°)	-	-	-	-	-
SW (214°-236°)	-	-	-	-	-
WSW (236°-259°)	-	-	-	-	-
W (259°-281°)	-	-	-	-	-
WNW (281°-304°)	-	-	-	-	-
NW (304°-326°)	-	-	-	-	-
NNW (326°-349°)	-	-	-	-	-
Total	91.667	8.333	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.

(Phimnatda Marongsri)

Technical Supervisor

9 / 12 / 24



BY246/11/67

338/12/65

Wind Speed and Wind Direction Measurement Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 25 November - 2 December 2024
Project Location : 61/1 Moo 11, Bangnga-Thaklong Road Date Reported : 9 December 2024
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											
	November - December 2024											
	25-26			26-27			27-28			28-29		
	WS		WD	WS		WD	WS		WD	WS		WD
	m/s	km/hr		m/s	km/hr		m/s	km/hr		m/s	km/hr	
14:00-15:00	0.4	1.6	E	0.9	3.2	ENE	0.9	3.2	ENE	0.9	3.2	ENE
15:00-16:00	0.9	3.2	ENE	0.4	1.6	ENE	0.9	3.2	ENE	0.9	3.2	ENE
16:00-17:00	0.4	1.6	ENE	0.4	1.6	ENE	0.4	1.6	ENE	0.9	3.2	ENE
17:00-18:00	0.4	1.6	ENE	0.4	1.6	ENE	0.4	1.6	ENE	0.4	1.6	ENE
18:00-19:00	0.4	1.6	NE	0.4	1.6	NE	0.4	1.6	ENE	0.4	1.6	ENE
19:00-20:00	0.4	1.6	NNE	0.4	1.6	NE	0.4	1.6	ENE	0.4	1.6	ENE
20:00-21:00	0.4	1.6	NNE	0.4	1.6	NE	0.4	1.6	E	0.4	1.6	ENE
21:00-22:00	0.4	1.6	NNE	0.4	1.6	NE	0.4	1.6	E	0.4	1.6	ENE
22:00-23:00	0.4	1.6	NNE	0.4	1.6	NE	0.4	1.6	E	0.4	1.6	ENE
23:00-00:00	0.4	1.6	NNE	0.4	1.6	NE	0.4	1.6	N	0.4	1.6	ENE
00:00-01:00	0.4	1.6	NNE	0.4	1.6	NE	0.4	1.6	ENE	0.9	3.2	ENE
01:00-02:00	0.4	1.6	NNE	0.4	1.6	ENE	0.9	3.2	ENE	0.9	3.2	ENE
02:00-03:00	0.4	1.6	NNE	0.4	1.6	ENE	0.9	3.2	ENE	1.3	4.8	ENE
03:00-04:00	0.4	1.6	ENE	0.4	1.6	ENE	1.3	4.8	ENE	1.8	6.4	ENE
04:00-05:00	0.4	1.6	NE	0.4	1.6	ENE	0.9	3.2	ENE	1.8	6.4	ENE
05:00-06:00	0.9	3.2	ENE	0.9	3.2	ENE	0.4	1.6	ENE	0.9	3.2	ENE
06:00-07:00	0.4	1.6	ENE	1.3	4.8	ENE	0.9	3.2	ENE	0.9	3.2	ENE
07:00-08:00	0.4	1.6	ENE	1.3	4.8	ENE	0.9	3.2	ENE	1.3	4.8	ENE
08:00-09:00	0.4	1.6	ENE	1.3	4.8	ENE	1.8	6.4	ENE	1.3	4.8	ENE
09:00-10:00	1.3	4.8	ENE	1.3	4.8	ENE	1.8	6.4	ENE	1.8	6.4	ENE
10:00-11:00	1.3	4.8	ENE	1.8	6.4	ENE	1.8	6.4	ENE	1.8	6.4	ENE
11:00-12:00	0.9	3.2	ENE	1.8	6.4	ENE	1.8	6.4	ENE	1.8	6.4	ENE
12:00-13:00	0.9	3.2	ENE	0.9	3.2	ENE	1.8	6.4	ENE	1.8	6.4	ENE
13:00-14:00	0.9	3.2	ENE	0.9	3.2	ENE	1.3	4.8	ENE	1.8	6.4	ENE
Temperature Average (°C)	29.3			29.1			28.3			26.3		
Barometric Pressure Average (mmHg)	753.27			753.53			753.88			754.04		
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

9 / 12 / 24



BY246/11/67

338/12/65


Wind Speed and Wind Direction Measurement Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 25 November - 2 December 2024
Project Location : 61/1 Moo 11, Bangngha-Thaklong Road Date Reported : 9 December 2024
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								
	November - December 2024								
	29-30			30-1			1-2		
	WS		WD	WS		WD	WS		WD
	m/s	km/hr		m/s	km/hr		m/s	km/hr	
14:00-15:00	1.3	4.8	ENE	0.9	3.2	ENE	0.4	1.6	ENE
15:00-16:00	0.9	3.2	NE	0.4	1.6	ENE	0.4	1.6	ENE
16:00-17:00	0.4	1.6	ENE	0.4	1.6	ENE	0.4	1.6	E
17:00-18:00	0.4	1.6	ENE	0.9	3.2	NE	0.4	1.6	ENE
18:00-19:00	0.4	1.6	ENE	0.9	3.2	NE	0.4	1.6	N
19:00-20:00	0.4	1.6	ENE	0.9	3.2	NE	0.4	1.6	N
20:00-21:00	0.4	1.6	ENE	0.4	1.6	NE	0.4	1.6	N
21:00-22:00	0.4	1.6	ENE	0.4	1.6	NE	0.4	1.6	NNE
22:00-23:00	0.4	1.6	ENE	0.4	1.6	NE	0.4	1.6	NNE
23:00-00:00	0.4	1.6	ENE	0.4	1.6	N	0.4	1.6	NNE
00:00-01:00	0.4	1.6	NE	0.4	1.6	N	0.4	1.6	NNE
01:00-02:00	0.4	1.6	NE	0.4	1.6	N	0.4	1.6	NNE
02:00-03:00	0.4	1.6	ENE	0.4	1.6	N	0.4	1.6	NNE
03:00-04:00	0.4	1.6	E	0.4	1.6	N	0.4	1.6	NNE
04:00-05:00	0.4	1.6	ENE	0.4	1.6	N	0.4	1.6	NNE
05:00-06:00	0.4	1.6	ENE	0.4	1.6	N	0.4	1.6	NNE
06:00-07:00	0.4	1.6	E	0.4	1.6	N	0.4	1.6	NNE
07:00-08:00	0.4	1.6	E	0.4	1.6	N	0.4	1.6	NNE
08:00-09:00	0.4	1.6	ESE	0.4	1.6	NE	0.4	1.6	NNE
09:00-10:00	0.4	1.6	E	0.4	1.6	ENE	0.4	1.6	NNE
10:00-11:00	0.9	3.2	ENE	0.4	1.6	ENE	0.4	1.6	NE
11:00-12:00	0.9	3.2	E	0.4	1.6	ENE	0.4	1.6	NE
12:00-13:00	0.9	3.2	ENE	0.4	1.6	ENE	0.4	1.6	ENE
13:00-14:00	0.9	3.2	ENE	0.4	1.6	NE	0.4	1.6	NE
Temperature Average (°C)	25.6			25.9			26.1		
Barometric Pressure Average (mmHg)	754.93			754.59			754.27		
Sky Condition	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

9 / 12 / 24

คุณภาพอากาศจากปล่องระบาย



Ref. No. A001/12/24

Report No. 2412/010

338/12/65

Stack Air Quality Analysis Report

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

Sampling Date : 27 November 2024
Date Received : 30 November 2024
Date of Analysis : 30 November-13 December 2024
Date Reported : 16 December 2024

Parameter	Unit	Sampling Method	Analytical Method	HTM Heater Stack No. 1		Standard	
						[1]	[2]
Sampling Time	-	-	-	10:30-11:12		-	-
Height	m.	-	-	35.0		-	-
Diameter	cm.	-	-	70.0		-	-
Barometric Pressure	mmHg	-	-	756.06		-	-
Absolute Stack Gas Pressure	mmHg	-	-	755.18		-	-
Dry Gas Meter Temperature	°C	-	-	33.2		-	-
Stack Temperature	°C	-	-	193		-	-
Moisture	%	-	-	4.44		-	-
Velocity	m/s	-	-	8.87		-	-
Flow Rate (Qsd)	m ³ /s	-	-	2.073		-	-
Carbon Dioxide	%	-	-	11.44		-	-
Oxygen	%	-	-	5.8	7.0	-	-
Excess Air	%	-	-	36.10	50.0	-	-
Total Suspended Particulate	mg/m ³	Isokinetic	Gravimetric Method (U.S. EPA Method 5)	71	64	240 ^{A/}	200
Emission Rate of Total Suspended Particulate	g/s	-	Calculate	0.147	-	-	0.61
Sulfur Dioxide	ppm	Midget Impinger	Titrimetric Method (U.S. EPA Method 6)	481	436	950 ^{B/}	907
Sulfur Dioxide	mg/m ³	Midget Impinger	Titrimetric Method (U.S. EPA Method 6)	1,259	1,142	-	2,374
Emission Rate of Sulfur Dioxide	g/s	-	Calculate	2.61	-	-	8.00
Oxides of Nitrogen	ppm	Vacuum Flask	Colorimetric Method (U.S. EPA Method 7)	118	107	200 ^{C/}	-
Oxides of Nitrogen	mg/m ³	Vacuum Flask	Colorimetric Method (U.S. EPA Method 7)	222	201	376	350
Emission Rate of Oxides of Nitrogen	g/s	-	Calculate	0.460	-	-	1.07
Carbon Monoxide	ppm	Gas Bag	Non-Dispersive Infrared Detection Method (U.S. EPA Method 10)	33	30	690	-
Carbon Monoxide	mg/m ³	Gas Bag	Non-Dispersive Infrared Detection Method (U.S. EPA Method 10)	38	34	790	-
Emission Rate of Carbon Monoxide	g/s	-	Calculate	0.078	-	-	-



Ref. No. A001/12/24

Report No. 2412/010

338/12/65

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.



(Phenpha Vipasthawatt)

ว-011-ค-0013

Laboratory Supervisor

16 / 12 / 14

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



Ref. No. A002/12/24

Report No. 2412/010

338/12/65

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 : Abdul Daengklor (ว-011-ค-0023)
S.P.S. Consulting Service Co., Ltd. (ว-011)

Sampling Date : 28 November 2024
Date Received : 30 November 2024
Date of Analysis : 30 November-13 December 2024
Date Reported : 16 December 2024

Parameter	Unit	Sampling Method	Analytical Method	HTM Heater Stack No. 2		Standard	
						[1]	[2]
Sampling Time	-	-	-	15:10-15:52		-	-
Height	m.	-	-	35.0		-	-
Diameter	cm.	-	-	68.0		-	-
Barometric Pressure	mmHg	-	-	756.06		-	-
Absolute Stack Gas Pressure	mmHg	-	-	755.30		-	-
Dry Gas Meter Temperature	°C	-	-	35.0		-	-
Stack Temperature	°C	-	-	207		-	-
Moisture	%	-	-	5.26		-	-
Velocity	m/s	-	-	9.96		-	-
Flow Rate (Qsd)	m ³ /s	-	-	2.115		-	-
Carbon Dioxide	%	-	-	11.44		-	-
Oxygen	%	-	-	5.8	7.0	-	-
Excess Air	%	-	-	36.09	50.0	-	-
Total Suspended Particulate	mg/m ³	Isokinetic	Gravimetric Method (U.S. EPA Method 5)	69	63	240 ^{A/}	200
Emission Rate of Total Suspended Particulate	g/s	-	Calculate	0.146	-	-	0.44
Sulfur Dioxide	ppm	Midget Impinger	Titrimetric Method (U.S. EPA Method 6)	420	381	950 ^{B/}	907
Sulfur Dioxide	mg/m ³	Midget Impinger	Titrimetric Method (U.S. EPA Method 6)	1,099	997	-	2,374
Emission Rate of Sulfur Dioxide	g/s	-	Calculate	2.33	-	-	5.21
Oxides of Nitrogen	ppm	Vacuum Flask	Colorimetric Method (U.S. EPA Method 7)	130	118	200 ^{C/}	-
Oxides of Nitrogen	mg/m ³	Vacuum Flask	Colorimetric Method (U.S. EPA Method 7)	245	222	376	350
Emission Rate of Oxides of Nitrogen	g/s	-	Calculate	0.518	-	-	0.77
Carbon Monoxide	ppm	Gas Bag	Non-Dispersive Infrared Detection Method (U.S. EPA Method 10)	24	22	690	-
Carbon Monoxide	mg/m ³	Gas Bag	Non-Dispersive Infrared Detection Method (U.S. EPA Method 10)	28	25	790	-
Emission Rate of Carbon Monoxide	g/s	-	Calculate	0.058	-	-	-



Ref. No. A002/12/24

Report No. 2412/010

338/12/65

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

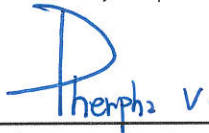
B/ Sulfur dioxide from heat generating source Heavy oil as fuel

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

Standard^[2] = Standard of EIA

Reported results refer to submitted samples only.

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



(Phenpha Vipphasthawatt)

ว-011-ท-0013

Laboratory Supervisor

16 / 12 / 24

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



Ref. No. A003/12/24
338/12/65

Report No. 2412/010

Stack Air Quality Analysis Report

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

Sampling Date : 27 November 2024
Date Received : 30 November 2024
Date of Analysis : 30 November-13 December 2024
Date Reported : 16 December 2024

Parameter	Unit	Sampling Method	Analytical Method	Catalytic Off Gas Incinerator Stack of CP1	Standard	
					[1]	[2]
Sampling Time	-	-	-	15:05-15:47	-	-
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	-	-	35.5	-	-
Stack Temperature	°C	-	-	205	-	-
Moisture	%	-	-	3.59	-	-
Velocity	m/s	-	-	10.31	-	-
Flow Rate (Qsd)	m ³ /s	-	-	0.560	-	-
Carbon Dioxide	%	-	-	0.28	-	-
Oxygen	%	-	-	20.5	-	-
Oxides of Nitrogen	ppm	Vacuum Flask	Colorimetric Method (U.S. EPA Method 7)	13	200 ^{A/}	-
Oxides of Nitrogen	mg/m ³	Vacuum Flask	Colorimetric Method (U.S. EPA Method 7)	24	376	200
Emission Rate of Oxides of Nitrogen	g/s	-	Calculate	0.013	-	-
Carbon Monoxide	ppm	Gas Bag	Non-Dispersive Infrared Detection Method (U.S. EPA Method 10)	15	690	-
Carbon Monoxide	mg/m ³	Gas Bag	Non-Dispersive Infrared Detection Method (U.S. EPA Method 10)	17	790	100
Emission Rate of Carbon Monoxide	g/s	-	Calculate	0.010	-	-

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)

^{A/} 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.

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


(Phenpha Vipasthawatt)

ว-011-ค-0013

Laboratory Supervisor

16 / 12 / 24

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



Ref. No. A003/12/24
338/12/65

Report No. 2412/010_1

Stack Air Quality Analysis Report

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

Sampling Date : 27 November 2024
Date Received : 30 November 2024
Date of Analysis : 30 November-13 December 2024
Date Reported : 16 December 2024

Parameter	Unit	Sampling Method	Analytical Method	Catalytic Off Gas Incinerator Stack of CP1	Standard	
					[1]	[2]
Sampling Time	-	-	-	15:05-15:47	-	-
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	-	-	35.5	-	-
Stack Temperature	°C	-	-	205	-	-
Moisture	%	-	-	3.59	-	-
Velocity	m/s	-	-	10.31	-	-
Flow Rate (Qsd)	m ³ /s	-	-	0.560	-	-
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	-	-

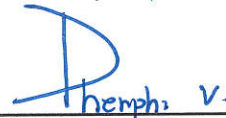
Remark:

- 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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Phenpha Vipasthawatt

Laboratory Supervisor

16 / 12 / 25

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



Ref. No. A003/12/24
338/12/65

Report No. 2412/010_2

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 Daengklom
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 27 November 2024
Date Received : 30 November 2024
Date of Analysis : 30 November-13 December 2024
Date Reported : 16 December 2024

Parameter	Unit	Sampling Method	Analytical Method	Catalytic Off Gas Incinerator Stack of CP1	Standard	
					[1]	[2]
Sampling Time	-	-	-	15:05-15:47	-	-
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	-	-	35.5	-	-
Stack Temperature	°C	-	-	205	-	-
Moisture	%	-	-	3.59	-	-
Velocity	m/s	-	-	10.31	-	-
Flow Rate (Qsd)	m ³ /s	-	-	0.560	-	-
Carbon Dioxide	%	-	-	0.28	-	-
Oxygen	%	-	-	20.5	-	-
Total VOC	mg/m ³	Gas Bag	VOC Analyzer (PID)	16	-	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.)

Reported results refer to submitted samples only.

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(Phenpha Vipasthawatt)

Laboratory Supervisor

16 / 12 / 24

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



Ref. No. A004/12/24

Report No. 2412/010

338/12/65

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 : Abdul Daengkrom (ว-011-ค-0023)
S.P.S. Consulting Service Co., Ltd. (ว-011)

Sampling Date : 28 November 2024
Date Received : 30 November 2024
Date of Analysis : 30 November-13 December 2024
Date Reported : 16 December 2024

Parameter	Unit	Sampling Method	Analytical Method	Catalytic Off Gas Incinerator Stack of CP2	Standard	
					[1]	[2]
Sampling Time	-	-	-	12:50-13:32	-	-
Height	m.	-	-	30.0	-	-
Diameter	cm.	-	-	30.0	-	-
Barometric Pressure	mmHg	-	-	756.06	-	-
Absolute Stack Gas Pressure	mmHg	-	-	755.78	-	-
Dry Gas Meter Temperature	°C	-	-	35.5	-	-
Stack Temperature	°C	-	-	212	-	-
Moisture	%	-	-	4.21	-	-
Velocity	m/s	-	-	9.33	-	-
Flow Rate (Qsd)	m ³ /s	-	-	0.386	-	-
Carbon Dioxide	%	-	-	2.04	-	-
Oxygen	%	-	-	17.4	-	-
Oxides of Nitrogen	ppm	Vacuum Flask	Colorimetric Method (U.S. EPA Method 7)	6	200 ^{A/}	-
Oxides of Nitrogen	mg/m ³	Vacuum Flask	Colorimetric Method (U.S. EPA Method 7)	11	376	200
Emission Rate of Oxides of Nitrogen	g/s	-	Calculate	0.004	-	-
Carbon Monoxide	ppm	Gas Bag	Non-Dispersive Infrared Detection Method (U.S. EPA Method 10)	4.5	690	-
Carbon Monoxide	mg/m ³	Gas Bag	Non-Dispersive Infrared Detection Method (U.S. EPA Method 10)	5.2	790	100
Emission Rate of Carbon Monoxide	g/s	-	Calculate	0.002	-	-

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)

^{A/} 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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(Phenpha Vipphasthawatt)

ว-011-ค-0013

Laboratory Supervisor

16 / 12 / 24

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



Ref. No. A004/12/24
338/12/65

Report No. 2412/010_1

Stack Air Quality Analysis Report

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

Sampling Date : 28 November 2024
Date Received : 30 November 2024
Date of Analysis : 30 November-13 December 2024
Date Reported : 16 December 2024

Parameter	Unit	Sampling Method	Analytical Method	Catalytic Off Gas Incinerator Stack of CP2	Standard	
					[1]	[2]
Sampling Time	-	-	-	12:50-13:32	-	-
Height	m.	-	-	30.0	-	-
Diameter	cm.	-	-	30.0	-	-
Barometric Pressure	mmHg	-	-	756.06	-	-
Absolute Stack Gas Pressure	mmHg	-	-	755.78	-	-
Dry Gas Meter Temperature	°C	-	-	35.5	-	-
Stack Temperature	°C	-	-	212	-	-
Moisture	%	-	-	4.21	-	-
Velocity	m/s	-	-	9.33	-	-
Flow Rate (Qsd)	m ³ /s	-	-	0.386	-	-
Carbon Dioxide	%	-	-	2.04	-	-
Oxygen	%	-	-	17.4	-	-
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.
Do not copy partial of this analysis report without official approval.

Phenpha V.

(Phenpha Vipasthawatt)

Laboratory Supervisor

16 / 12 / 24

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



Ref. No. A004/12/24
338/12/65

Report No. 2412/010_2

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 Daengklom
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 28 November 2024
Date Received : 30 November 2024
Date of Analysis : 30 November-13 December 2024
Date Reported : 16 December 2024

Parameter	Unit	Sampling Method	Analytical Method	Catalytic Off Gas Incinerator Stack of CP2	Standard	
					[1]	[2]
Sampling Time	-	-	-	12:50-13:32	-	-
Height	m.	-	-	30.0	-	-
Diameter	cm.	-	-	30.0	-	-
Barometric Pressure	mmHg	-	-	756.06	-	-
Absolute Stack Gas Pressure	mmHg	-	-	755.78	-	-
Dry Gas Meter Temperature	°C	-	-	35.5	-	-
Stack Temperature	°C	-	-	212	-	-
Moisture	%	-	-	4.21	-	-
Velocity	m/s	-	-	9.33	-	-
Flow Rate (Qsd)	m ³ /s	-	-	0.386	-	-
Carbon Dioxide	%	-	-	2.04	-	-
Oxygen	%	-	-	17.4	-	-
Total VOC	mg/m ³	Gas Bag	VOC Analyzer (PID)	12	-	20
Emission Rate of Total VOC	g/s	-	Calculate	0.005	-	-

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

Phenpha V.

(Phenpha Vipasthawatt)

Laboratory Supervisor

16 / 12 / 24

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

ระดับเสียงในบรรยากาศ



BY246/11/67

338/12/65

Noise Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 27-28 November 2024
Project Location : 61/1 Moo 11, Bangngha-Thaklong Road Date Reported : 9 December 2024
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)]			
14:00-15:00	65.7	63.8	-		
15:00-16:00	65.5	63.6	-		
16:00-17:00	65.3	63.7	-		
17:00-18:00	67.0	64.9	-		
18:00-19:00	66.1	64.3	-		
19:00-20:00	66.5	64.2	-		
20:00-21:00	65.9	64.0	-		
21:00-22:00	65.7	64.1	-		
22:00-23:00	67.4	65.3	-		
23:00-00:00	66.5	63.7	-		
00:00-01:00	64.9	61.1	-		
01:00-02:00	64.3	61.7	-		
02:00-03:00	67.8	61.6	-		
03:00-04:00	63.3	60.9	-		
04:00-05:00	65.8	61.1	-		
05:00-06:00	62.7	60.2	-		
06:00-07:00	61.9	60.4	-		
07:00-08:00	61.6	60.5	-		
08:00-09:00	61.9	60.4	-		
09:00-10:00	62.3	60.5	-		
10:00-11:00	62.0	61.7	-		
11:00-12:00	63.7	62.1	-		
12:00-13:00	63.4	60.2	-		
13:00-14:00	64.0	61.7	-		
L _{eq} 24 hr [dB(A)]	65.0	-	Less Than 70.0		
L _{max} [dB(A)]	90.0	-	Less Than 115.0		
L _{dn} [dB(A)]	71.7	-	-		
-	Sound Level Meter Data		-		
	Calibrate Sheet No.: Noise B 467/24				
	24 November 2024				
	SLM No.	Brand		Model	Serial No.
	ACO-B12	ACO		6236	00152081
	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.

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


(Phimnatda Marongsri)

Technical Supervisor

9 / 12 / 24



BY246/11/67

338/12/65

Noise Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 27-28 November 2024
Project Location : 61/1 Moo 11, Bangnga-Thaklong Road Date Reported : 9 December 2024
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)]	
14:00-15:00	68.4	67.2	-
15:00-16:00	69.3	65.9	-
16:00-17:00	67.9	65.2	-
17:00-18:00	69.0	64.4	-
18:00-19:00	69.8	68.2	-
19:00-20:00	69.4	67.8	-
20:00-21:00	71.0	68.7	-
21:00-22:00	70.7	68.0	-
22:00-23:00	70.0	67.9	-
23:00-00:00	69.4	67.3	-
00:00-01:00	68.9	68.2	-
01:00-02:00	69.2	68.4	-
02:00-03:00	69.4	67.5	-
03:00-04:00	68.8	68.1	-
04:00-05:00	69.5	68.3	-
05:00-06:00	70.0	68.4	-
06:00-07:00	70.7	68.6	-
07:00-08:00	70.1	67.1	-
08:00-09:00	70.2	69.1	-
09:00-10:00	70.7	67.0	-
10:00-11:00	68.2	66.9	-
11:00-12:00	69.4	68.4	-
12:00-13:00	69.3	67.3	-
13:00-14:00	68.9	66.9	-
L _{eq} 24 hr [dB(A)]	69.5	-	Less Than 70.0
L _{max} [dB(A)]	98.9	-	Less Than 115.0
L _{dn} [dB(A)]	75.9	-	-
-	Sound Level Meter Data		-
	Calibrate Sheet No.: Noise B 467/24 24 November 2024		
	SLM No.	Brand	
	ACO-B11	ACO	
	Model	Serial No.	
	6236	00152079	
	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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Technical Supervisor

9 / 12 / 24



BY246/11/67

338/12/65

Noise Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 27-28 November 2024
Project Location : 61/1 Moo 11, Bangngha-Thaklong Road Date Reported : 9 December 2024
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)]			
14:00-15:00	66.0	61.4	-		
15:00-16:00	64.5	60.7	-		
16:00-17:00	63.9	61.3	-		
17:00-18:00	67.4	61.2	-		
18:00-19:00	62.9	60.5	-		
19:00-20:00	65.4	60.7	-		
20:00-21:00	62.3	60.8	-		
21:00-22:00	62.5	58.0	-		
22:00-23:00	60.2	57.1	-		
23:00-00:00	59.5	57.0	-		
00:00-01:00	58.9	57.1	-		
01:00-02:00	59.6	57.3	-		
02:00-03:00	59.3	57.7	-		
03:00-04:00	59.9	58.0	-		
04:00-05:00	61.6	59.0	-		
05:00-06:00	64.6	61.2	-		
06:00-07:00	64.9	60.5	-		
07:00-08:00	63.7	59.8	-		
08:00-09:00	66.2	60.4	-		
09:00-10:00	64.5	60.3	-		
10:00-11:00	64.1	59.7	-		
11:00-12:00	63.9	59.5	-		
12:00-13:00	62.0	58.5	-		
13:00-14:00	61.5	58.3	-		
L _{eq} 24 hr [dB(A)]	63.5	-	Less Than 70.0		
L _{max} [dB(A)]	93.7	-	Less Than 115.0		
L _{dn} [dB(A)]	68.5	-	-		
-	Sound Level Meter Data		-		
	Calibrate Sheet No.: Noise B 467/24				
	24 November 2024				
	SLM No.	Brand		Model	Serial No.
	ACO-B43	ACO		6236	00192034
	Actual Reading [dB]				
	Before Adjustment			After Adjustment	
94.0		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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9 / 12 / 24



BY246/11/67

338/12/65

Noise Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 27-28 November 2024
Project Location : 61/1 Moo 11, Bangngha-Thaklong Road Date Reported : 9 December 2024
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)]			
14:00-15:00	63.9	60.2	-		
15:00-16:00	62.8	59.8	-		
16:00-17:00	61.6	58.0	-		
17:00-18:00	64.1	59.5	-		
18:00-19:00	65.7	59.9	-		
19:00-20:00	62.7	59.7	-		
20:00-21:00	61.9	59.5	-		
21:00-22:00	61.8	59.0	-		
22:00-23:00	61.0	55.1	-		
23:00-00:00	61.1	55.2	-		
00:00-01:00	58.0	56.0	-		
01:00-02:00	58.9	56.1	-		
02:00-03:00	59.2	57.6	-		
03:00-04:00	64.3	60.6	-		
04:00-05:00	63.2	60.2	-		
05:00-06:00	62.0	59.4	-		
06:00-07:00	65.5	59.9	-		
07:00-08:00	66.1	60.3	-		
08:00-09:00	63.1	60.1	-		
09:00-10:00	62.3	59.9	-		
10:00-11:00	62.2	59.4	-		
11:00-12:00	61.4	55.5	-		
12:00-13:00	62.0	59.5	-		
13:00-14:00	61.7	59.8	-		
L _{eq} 24 hr [dB(A)]	62.8	-	Less Than 70.0		
L _{max} [dB(A)]	94.3	-	Less Than 115.0		
L _{dn} [dB(A)]	68.7	-	-		
-	Sound Level Meter Data		-		
	Calibrate Sheet No.: Noise B 467/24				
	24 November 2024				
	SLM No.	Brand		Model	Serial No.
	ACO-R54	ACO		6236	00222307
	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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Technical Supervisor

9 / 12 / 24



BY246/11/67

338/12/65

Noise Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 27-28 November 2024
Project Location : 61/1 Moo 11, Bangngha-Thaklong Road Date Reported : 9 December 2024
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)]			
16:00-17:00	57.9	51.5	-		
17:00-18:00	57.4	51.4	-		
18:00-19:00	56.9	50.8	-		
19:00-20:00	58.4	52.6	-		
20:00-21:00	56.7	50.1	-		
21:00-22:00	55.7	49.2	-		
22:00-23:00	54.4	48.3	-		
23:00-00:00	53.9	47.8	-		
00:00-01:00	54.9	48.5	-		
01:00-02:00	52.8	46.8	-		
02:00-03:00	52.4	46.0	-		
03:00-04:00	52.6	46.2	-		
04:00-05:00	54.6	48.4	-		
05:00-06:00	55.7	50.2	-		
06:00-07:00	58.4	52.8	-		
07:00-08:00	59.0	52.9	-		
08:00-09:00	58.5	53.4	-		
09:00-10:00	59.9	54.3	-		
10:00-11:00	58.8	53.2	-		
11:00-12:00	59.0	53.0	-		
12:00-13:00	58.2	52.1	-		
13:00-14:00	57.9	52.2	-		
14:00-15:00	58.1	51.7	-		
15:00-16:00	56.6	50.1	-		
L _{eq} 24 hr [dB(A)]	57.1	-	Less Than 70.0		
L _{max} [dB(A)]	87.3	-	Less Than 115.0		
L _{dn} [dB(A)]	61.9	-	-		
-	Sound Level Meter Data		-		
	Calibrate Sheet No.: Noise B 467 1/24 24 November 2024				
	SLM No.	Brand		Model	Serial No.
	CR-B01	Cirrus		CR161B	G301393
	Actual Reading [dB]				
	Before Adjustment			After Adjustment	
	94.0			94.0	

Remark:

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

Sampling Method = Sound Level Meter

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

Reported results refer to measurement time only.

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Technical Supervisor

9 / 12 / 24



BY246/11/67

338/12/65

Noise Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 27-28 November 2024
Project Location : 61/1 Moo 11, Bangngha-Thaklong Road Date Reported : 9 December 2024
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)]			
16:00-17:00	52.5	46.3	-		
17:00-18:00	52.2	45.6	-		
18:00-19:00	52.5	45.4	-		
19:00-20:00	53.9	46.1	-		
20:00-21:00	54.6	48.0	-		
21:00-22:00	54.4	46.2	-		
22:00-23:00	53.0	46.7	-		
23:00-00:00	51.5	48.9	-		
00:00-01:00	51.1	47.8	-		
01:00-02:00	49.7	46.0	-		
02:00-03:00	47.7	44.6	-		
03:00-04:00	46.1	44.3	-		
04:00-05:00	47.7	44.0	-		
05:00-06:00	48.5	44.1	-		
06:00-07:00	50.7	47.5	-		
07:00-08:00	50.9	45.9	-		
08:00-09:00	51.0	44.6	-		
09:00-10:00	51.7	45.6	-		
10:00-11:00	53.8	47.3	-		
11:00-12:00	54.0	47.7	-		
12:00-13:00	53.3	46.1	-		
13:00-14:00	53.0	46.5	-		
14:00-15:00	52.3	45.7	-		
15:00-16:00	52.2	44.5	-		
L _{eq} 24 hr [dB(A)]	52.1	-	Less Than 70.0		
L _{max} [dB(A)]	83.0	-	Less Than 115.0		
L _{dn} [dB(A)]	57.0	-	-		
-	Sound Level Meter Data		-		
	Calibrate Sheet No.: Noise B 467 1/24				
	24 November 2024				
	SLM No.	Brand		Model	Serial No.
	CR-B02	Cirrus		CR161B	G301157
	Actual Reading [dB]				
	Before Adjustment	After Adjustment			
	94.1	94.0			

Remark:

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

Sampling Method = Sound Level Meter

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

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Technical Supervisor

9 / 12 / 24



BY246/11/67
338/12/65

Nuisance Noise Level Report

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

Sampling Date : 27-28 November 2024
Date Reported : 9 December 2024

Time	Khao Samo Khon Public Health Center				
	Source Of Noise Level L_{eq} [dB(A)]	Residual Noise Level** L_{eq} [dB(A)]	Specific Noise Level L_{eq} [dB(A)]	Background Noise Level** L_{90} [dB(A)]	Nuisance Noise Level [dB(A)]
16:00-16:05	58.2	56.4	56.5	47.7	8.8
16:05-16:10	57.8	56.4	55.2	47.7	7.5
16:10-16:15	58.3	56.4	56.8	47.7	9.1
16:15-16:20	57.8	56.4	55.2	47.7	7.5
16:20-16:25	58.0	56.4	55.9	47.7	8.2
16:25-16:30	57.7	56.4	54.8	47.7	7.1
16:30-16:35	58.0	56.4	55.9	47.7	8.2
16:35-16:40	57.9	56.4	55.6	47.7	7.9
16:40-16:45	57.7	56.4	54.8	47.7	7.1
16:45-16:50	58.1	56.4	56.2	47.7	8.5
16:50-16:55	57.8	56.4	55.2	47.7	7.5
16:55-17:00	57.9	56.4	55.6	47.7	7.9
17:00-17:05	57.6	55.1	57.0	47.7	9.3
17:05-17:10	57.4	55.1	56.5	47.7	8.8
17:10-17:15	57.0	55.1	55.5	47.7	7.8
17:15-17:20	57.7	55.1	57.2	47.7	9.5
17:20-17:25	57.1	55.1	55.8	47.7	8.1
17:25-17:30	57.7	55.1	57.2	47.7	9.5
17:30-17:35	57.2	55.1	56.0	47.7	8.3
17:35-17:40	57.8	55.1	57.5	47.7	9.8
17:40-17:45	57.7	55.1	57.2	47.7	9.5
17:45-17:50	57.5	55.1	56.8	47.7	9.1
17:50-17:55	57.3	55.1	56.3	47.7	8.6
17:55-18:00	57.1	55.1	55.8	47.7	8.1
18:00-18:05	57.4	54.5	57.3	47.6	9.7
18:05-18:10	57.3	54.5	57.1	47.6	9.5
18:10-18:15	57.0	54.5	56.4	47.6	8.8
18:15-18:20	56.7	54.5	55.7	47.6	8.1
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	57.3	54.5	57.1	47.6	9.5
18:35-18:40	56.7	54.5	55.7	47.6	8.1
18:40-18:45	56.8	54.5	55.9	47.6	8.3
18:45-18:50	56.4	54.5	54.9	47.6	7.3
18:50-18:55	55.9	54.5	53.3	47.6	5.7
18:55-19:00	56.6	54.5	55.4	47.6	7.8
19:00-19:05	58.0	55.4	57.5	51.8	5.7
19:05-19:10	59.2	55.4	59.9	51.8	8.1
19:10-19:15	57.1	55.4	55.2	51.8	3.4
19:15-19:20	57.2	55.4	55.5	51.8	3.7
19:20-19:25	58.1	55.4	57.8	51.8	6.0
19:25-19:30	57.9	55.4	57.3	51.8	5.5
19:30-19:35	58.2	55.4	58.0	51.8	6.2
19:35-19:40	58.0	55.4	57.5	51.8	5.7
19:40-19:45	58.9	55.4	59.3	51.8	7.5
19:45-19:50	59.0	55.4	59.5	51.8	7.7
19:50-19:55	59.8	55.4	60.8	51.8	9.0
19:55-20:00	59.0	55.4	59.5	51.8	7.7



BY246/11/67

338/12/65

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)]
20:00-20:05	57.1	53.2	57.8	48.9	8.9
20:05-20:10	57.3	53.2	58.2	48.9	9.3
20:10-20:15	57.6	53.2	58.6	48.9	9.7
20:15-20:20	56.2	53.2	56.2	48.9	7.3
20:20-20:25	55.3	53.2	54.1	48.9	5.2
20:25-20:30	56.5	53.2	56.8	48.9	7.9
20:30-20:35	57.6	53.2	58.6	48.9	9.7
20:35-20:40	56.4	53.2	56.6	48.9	7.7
20:40-20:45	56.8	53.2	57.3	48.9	8.4
20:45-20:50	57.1	53.2	57.8	48.9	8.9
20:50-20:55	56.7	53.2	57.1	48.9	8.2
20:55-21:00	55.6	53.2	54.9	48.9	6.0
21:00-21:05	56.5	52.6	57.2	47.6	9.6
21:05-21:10	55.6	52.6	55.6	47.6	8.0
21:10-21:15	54.6	52.6	53.3	47.6	5.7
21:15-21:20	55.6	52.6	55.6	47.6	8.0
21:20-21:25	56.5	52.6	57.2	47.6	9.6
21:25-21:30	55.7	52.6	55.8	47.6	8.2
21:30-21:35	56.3	52.6	56.9	47.6	9.3
21:35-21:40	53.8	52.6	50.6	47.6	3.0
21:40-21:45	55.3	52.6	55.0	47.6	7.4
21:45-21:50	56.4	52.6	57.1	47.6	9.5
21:50-21:55	55.1	52.6	54.5	47.6	6.9
21:55-22:00	56.1	52.6	56.5	47.6	8.9
22:00-22:05	54.2	50.7	54.6	46.4	8.2
22:05-22:10	55.1	50.7	56.1	46.4	9.7
22:10-22:15	53.6	50.7	53.5	46.4	7.1
22:15-22:20	54.6	50.7	55.3	46.4	8.9
22:20-22:25	55.1	50.7	56.1	46.4	9.7
22:25-22:30	52.5	50.7	50.8	46.4	4.4
22:30-22:35	55.0	50.7	56.0	46.4	9.6
22:35-22:40	54.8	50.7	55.7	46.4	9.3
22:40-22:45	54.1	50.7	54.4	46.4	8.0
22:45-22:50	55.1	50.7	56.1	46.4	9.7
22:50-22:55	54.4	50.7	55.0	46.4	8.6
22:55-23:00	53.5	50.7	53.3	46.4	6.9
23:00-23:05	53.1	50.7	52.4	46.7	5.7
23:05-23:10	51.1	50.7	43.5	46.7	-3.2
23:10-23:15	54.5	50.7	55.2	46.7	8.5
23:15-23:20	54.6	50.7	55.3	46.7	8.6
23:20-23:25	54.3	50.7	54.8	46.7	8.1
23:25-23:30	52.8	50.7	51.6	46.7	4.9
23:30-23:35	55.0	50.7	56.0	46.7	9.3
23:35-23:40	52.4	50.7	50.5	46.7	3.8
23:40-23:45	54.1	50.7	54.4	46.7	7.7
23:45-23:50	55.2	50.7	56.3	46.7	9.6
23:50-23:55	54.1	50.7	54.4	46.7	7.7
23:55-00:00	54.3	50.7	54.8	46.7	8.1
00:00-00:05	54.9	51.1	55.6	48.3	7.3
00:05-00:10	55.6	51.1	56.7	48.3	8.4
00:10-00:15	56.5	51.1	58.0	48.3	9.7
00:15-00:20	55.9	51.1	57.2	48.3	8.9
00:20-00:25	54.3	51.1	54.5	48.3	6.2
00:25-00:30	54.5	51.1	54.8	48.3	6.5
00:30-00:35	53.8	51.1	53.5	48.3	5.2



BY246/11/67

338/12/65

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)]
00:35-00:40	55.5	51.1	56.5	48.3	8.2
00:40-00:45	55.0	51.1	55.7	48.3	7.4
00:45-00:50	54.4	51.1	54.7	48.3	6.4
00:50-00:55	55.2	51.1	56.1	48.3	7.8
00:55-01:00	49.8	51.1	*	48.3	*
01:00-01:05	51.7	50.0	49.8	45.1	4.7
01:05-01:10	53.7	50.0	54.3	45.1	9.2
01:10-01:15	51.9	50.0	50.4	45.1	5.3
01:15-01:20	53.7	50.0	54.3	45.1	9.2
01:20-01:25	53.9	50.0	54.6	45.1	9.5
01:25-01:30	54.0	50.0	54.8	45.1	9.7
01:30-01:35	52.1	50.0	50.9	45.1	5.8
01:35-01:40	53.2	50.0	53.4	45.1	8.3
01:40-01:45	50.4	50.0	42.8	45.1	-2.3
01:45-01:50	53.6	50.0	54.1	45.1	9.0
01:50-01:55	51.6	50.0	49.5	45.1	4.4
01:55-02:00	52.2	50.0	51.2	45.1	6.1
02:00-02:05	49.7	49.3	42.1	45.3	-3.2
02:05-02:10	52.1	49.3	51.9	45.3	6.6
02:10-02:15	53.3	49.3	54.1	45.3	8.8
02:15-02:20	53.0	49.3	53.6	45.3	8.3
02:20-02:25	53.9	49.3	55.1	45.3	9.8
02:25-02:30	53.8	49.3	54.9	45.3	9.6
02:30-02:35	53.3	49.3	54.1	45.3	8.8
02:35-02:40	52.0	49.3	51.7	45.3	6.4
02:40-02:45	52.2	49.3	52.1	45.3	6.8
02:45-02:50	51.3	49.3	50.0	45.3	4.7
02:50-02:55	50.7	49.3	48.1	45.3	2.8
02:55-03:00	50.9	49.3	48.8	45.3	3.5
03:00-03:05	53.3	50.9	52.6	45.8	6.8
03:05-03:10	53.1	50.9	52.1	45.8	6.3
03:10-03:15	53.0	50.9	51.8	45.8	6.0
03:15-03:20	52.4	50.9	50.1	45.8	4.3
03:20-03:25	50.7	50.9	*	45.8	*
03:25-03:30	51.9	50.9	48.0	45.8	2.2
03:30-03:35	52.6	50.9	50.7	45.8	4.9
03:35-03:40	53.6	50.9	53.3	45.8	7.5
03:40-03:45	52.9	50.9	51.6	45.8	5.8
03:45-03:50	51.8	50.9	47.5	45.8	1.7
03:50-03:55	53.3	50.9	52.6	45.8	6.8
03:55-04:00	52.2	50.9	49.3	45.8	3.5
04:00-04:05	51.7	51.4	42.9	47.2	-4.3
04:05-04:10	55.6	51.4	56.5	47.2	9.3
04:10-04:15	55.0	51.4	55.5	47.2	8.3
04:15-04:20	53.7	51.4	52.8	47.2	5.6
04:20-04:25	53.3	51.4	51.8	47.2	4.6
04:25-04:30	55.4	51.4	56.2	47.2	9.0
04:30-04:35	54.7	51.4	55.0	47.2	7.8
04:35-04:40	55.1	51.4	55.7	47.2	8.5
04:40-04:45	55.5	51.4	56.4	47.2	9.2
04:45-04:50	54.9	51.4	55.3	47.2	8.1
04:50-04:55	54.5	51.4	54.6	47.2	7.4
04:55-05:00	53.9	51.4	53.3	47.2	6.1
05:00-05:05	55.5	52.6	55.4	47.9	7.5
05:05-05:10	54.5	52.6	53.0	47.9	5.1



BY246/11/67

338/12/65

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)]
05:10-05:15	54.2	52.6	52.1	47.9	4.2
05:15-05:20	56.4	52.6	57.1	47.9	9.2
05:20-05:25	55.9	52.6	56.2	47.9	8.3
05:25-05:30	55.5	52.6	55.4	47.9	7.5
05:30-05:35	55.8	52.6	56.0	47.9	8.1
05:35-05:40	55.3	52.6	55.0	47.9	7.1
05:40-05:45	56.5	52.6	57.2	47.9	9.3
05:45-05:50	56.8	52.6	57.7	47.9	9.8
05:50-05:55	55.6	52.6	55.6	47.9	7.7
05:55-06:00	55.3	52.6	55.0	47.9	7.1
06:00-06:05	59.0	56.8	58.0	49.5	8.5
06:05-06:10	58.4	56.8	56.3	49.5	6.8
06:10-06:15	57.1	56.8	48.3	49.5	-1.2
06:15-06:20	57.0	56.8	46.5	49.5	-3.0
06:20-06:25	57.2	56.8	49.6	49.5	0.1
06:25-06:30	58.0	56.8	54.8	49.5	5.3
06:30-06:35	59.1	56.8	58.2	49.5	8.7
06:35-06:40	59.2	56.8	58.5	49.5	9.0
06:40-06:45	58.1	56.8	55.2	49.5	5.7
06:45-06:50	58.9	56.8	57.7	49.5	8.2
06:50-06:55	58.4	56.8	56.3	49.5	6.8
06:55-07:00	59.5	56.8	59.2	49.5	9.7
07:00-07:05	59.6	56.5	59.7	50.0	9.7
07:05-07:10	59.1	56.5	58.6	50.0	8.6
07:10-07:15	58.9	56.5	58.2	50.0	8.2
07:15-07:20	59.0	56.5	58.4	50.0	8.4
07:20-07:25	58.7	56.5	57.7	50.0	7.7
07:25-07:30	58.9	56.5	58.2	50.0	8.2
07:30-07:35	59.6	56.5	59.7	50.0	9.7
07:35-07:40	59.4	56.5	59.3	50.0	9.3
07:40-07:45	58.8	56.5	57.9	50.0	7.9
07:45-07:50	58.0	56.5	55.7	50.0	5.7
07:50-07:55	58.5	56.5	57.2	50.0	7.2
07:55-08:00	59.0	56.5	58.4	50.0	8.4
08:00-08:05	58.4	56.1	57.5	49.5	8.0
08:05-08:10	59.1	56.1	59.1	49.5	9.6
08:10-08:15	58.4	56.1	57.5	49.5	8.0
08:15-08:20	58.6	56.1	58.0	49.5	8.5
08:20-08:25	58.3	56.1	57.3	49.5	7.8
08:25-08:30	58.8	56.1	58.5	49.5	9.0
08:30-08:35	59.0	56.1	58.9	49.5	9.4
08:35-08:40	58.7	56.1	58.2	49.5	8.7
08:40-08:45	58.3	56.1	57.3	49.5	7.8
08:45-08:50	57.4	56.1	54.5	49.5	5.0
08:50-08:55	58.6	56.1	58.0	49.5	8.5
08:55-09:00	58.4	56.1	57.5	49.5	8.0
09:00-09:05	60.2	62.0	*	50.4	*
09:05-09:10	59.4	62.0	*	50.4	*
09:10-09:15	60.9	62.0	*	50.4	*
09:15-09:20	60.6	62.0	*	50.4	*
09:20-09:25	59.7	62.0	*	50.4	*
09:25-09:30	59.9	62.0	*	50.4	*
09:30-09:35	58.5	62.0	*	50.4	*
09:35-09:40	58.5	62.0	*	50.4	*
09:40-09:45	59.2	62.0	*	50.4	*



BY246/11/67

338/12/65

Nuisance Noise Level Report

Time	Khao Samo Khon Public Health Center				
	Source Of Noise Level L_{eq} [dB(A)]	Residual Noise Level** L_{eq} [dB(A)]	Specific Noise Level L_{eq} [dB(A)]	Background Noise Level** L_{90} [dB(A)]	Nuisance Noise Level [dB(A)]
09:45-09:50	60.8	62.0	*	50.4	*
09:50-09:55	60.6	62.0	*	50.4	*
09:55-10:00	59.9	62.0	*	50.4	*
10:00-10:05	59.2	55.5	59.8	50.6	9.2
10:05-10:10	58.2	55.5	57.9	50.6	7.3
10:10-10:15	59.0	55.5	59.4	50.6	8.8
10:15-10:20	59.5	55.5	60.3	50.6	9.7
10:20-10:25	58.5	55.5	58.5	50.6	7.9
10:25-10:30	59.1	55.5	59.6	50.6	9.0
10:30-10:35	59.4	55.5	60.1	50.6	9.5
10:35-10:40	59.3	55.5	60.0	50.6	9.4
10:40-10:45	58.9	55.5	59.2	50.6	8.6
10:45-10:50	58.0	55.5	57.4	50.6	6.8
10:50-10:55	58.8	55.5	59.1	50.6	8.5
10:55-11:00	57.9	55.5	57.2	50.6	6.6
11:00-11:05	59.6	55.9	60.2	50.5	9.7
11:05-11:10	58.9	55.9	58.9	50.5	8.4
11:10-11:15	59.2	55.9	59.5	50.5	9.0
11:15-11:20	58.7	55.9	58.5	50.5	8.0
11:20-11:25	59.4	55.9	59.8	50.5	9.3
11:25-11:30	58.6	55.9	58.3	50.5	7.8
11:30-11:35	59.2	55.9	59.5	50.5	9.0
11:35-11:40	58.7	55.9	58.5	50.5	8.0
11:40-11:45	59.2	55.9	59.5	50.5	9.0
11:45-11:50	59.0	55.9	59.1	50.5	8.6
11:50-11:55	58.7	55.9	58.5	50.5	8.0
11:55-12:00	58.8	55.9	58.7	50.5	8.2
12:00-12:05	58.6	54.8	59.3	50.1	9.2
12:05-12:10	58.3	54.8	58.7	50.1	8.6
12:10-12:15	57.7	54.8	57.6	50.1	7.5
12:15-12:20	57.6	54.8	57.4	50.1	7.3
12:20-12:25	58.4	54.8	58.9	50.1	8.8
12:25-12:30	58.5	54.8	59.1	50.1	9.0
12:30-12:35	58.1	54.8	58.4	50.1	8.3
12:35-12:40	58.9	54.8	59.8	50.1	9.7
12:40-12:45	58.5	54.8	59.1	50.1	9.0
12:45-12:50	57.7	54.8	57.6	50.1	7.5
12:50-12:55	57.3	54.8	56.7	50.1	6.6
12:55-13:00	58.2	54.8	58.5	50.1	8.4
13:00-13:05	58.4	54.6	59.1	49.9	9.2
13:05-13:10	58.1	54.6	58.5	49.9	8.6
13:10-13:15	57.4	54.6	57.2	49.9	7.3
13:15-13:20	58.2	54.6	58.7	49.9	8.8
13:20-13:25	57.6	54.6	57.6	49.9	7.7
13:25-13:30	56.9	54.6	56.0	49.9	6.1
13:30-13:35	57.2	54.6	56.7	49.9	6.8
13:35-13:40	58.5	54.6	59.2	49.9	9.3
13:40-13:45	58.2	54.6	58.7	49.9	8.8
13:45-13:50	57.9	54.6	58.2	49.9	8.3
13:50-13:55	58.5	54.6	59.2	49.9	9.3
13:55-14:00	57.2	54.6	56.7	49.9	6.8
14:00-14:05	57.5	54.7	57.3	49.7	7.6
14:05-14:10	57.4	54.7	57.1	49.7	7.4
14:10-14:15	58.5	54.7	59.2	49.7	9.5
14:15-14:20	57.4	54.7	57.1	49.7	7.4



BY246/11/67
338/12/65

Nuisance Noise Level Report

Time	Khao Samo Khon Public Health Center				
	Source Of Noise Level L_{eq} [dB(A)]	Residual Noise Level** L_{eq} [dB(A)]	Specific Noise Level L_{eq} [dB(A)]	Background Noise Level** L_{90} [dB(A)]	Nuisance Noise Level [dB(A)]
14:20-14:25	58.6	54.7	59.3	49.7	9.6
14:25-14:30	58.7	54.7	59.5	49.7	9.8
14:30-14:35	58.6	54.7	59.3	49.7	9.6
14:35-14:40	57.3	54.7	56.8	49.7	7.1
14:40-14:45	58.4	54.7	59.0	49.7	9.3
14:45-14:50	58.2	54.7	58.6	49.7	8.9
14:50-14:55	57.4	54.7	57.1	49.7	7.4
14:55-15:00	58.7	54.7	59.5	49.7	9.8
15:00-15:05	57.0	55.0	55.7	46.0	9.7
15:05-15:10	56.3	55.0	53.4	46.0	7.4
15:10-15:15	56.5	55.0	54.2	46.0	8.2
15:15-15:20	56.1	55.0	52.6	46.0	6.6
15:20-15:25	56.5	55.0	54.2	46.0	8.2
15:25-15:30	57.0	55.0	55.7	46.0	9.7
15:30-15:35	56.2	55.0	53.0	46.0	7.0
15:35-15:40	56.8	55.0	55.1	46.0	9.1
15:40-15:45	56.4	55.0	53.8	46.0	7.8
15:45-15:50	56.7	55.0	54.8	46.0	8.8
15:50-15:55	56.9	55.0	55.4	46.0	9.4
15:55-16:00	56.5	55.0	54.2	46.0	8.2
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

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

Time/Area of Nuisance

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

Conclusion

- ☐ 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

..... / 12 / 24



BY246/11/67

338/12/65

Nuisance Noise Level Report

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

Sampling Date : 27-28 November 2024

Date Reported : 9 December 2024

Time	Tham Khao Tako School				
	Source Of Noise Level L_{eq} [dB(A)]	Residual Noise Level** L_{eq} [dB(A)]	Specific Noise Level L_{eq} [dB(A)]	Background Noise Level** L_{90} [dB(A)]	Nuisance Noise Level [dB(A)]
16:00-16:05	49.8	59.9	*	49.2	*
16:05-16:10	53.1	59.9	*	49.2	*
16:10-16:15	51.5	59.9	*	49.2	*
16:15-16:20	53.4	59.9	*	49.2	*
16:20-16:25	49.7	59.9	*	49.2	*
16:25-16:30	48.9	59.9	*	49.2	*
16:30-16:35	53.5	59.9	*	49.2	*
16:35-16:40	56.0	59.9	*	49.2	*
16:40-16:45	51.1	59.9	*	49.2	*
16:45-16:50	54.7	59.9	*	49.2	*
16:50-16:55	50.7	59.9	*	49.2	*
16:55-17:00	51.9	59.9	*	49.2	*
17:00-17:05	50.4	59.9	*	49.7	*
17:05-17:10	53.4	59.9	*	49.7	*
17:10-17:15	50.8	59.9	*	49.7	*
17:15-17:20	54.6	59.9	*	49.7	*
17:20-17:25	50.8	59.9	*	49.7	*
17:25-17:30	51.9	59.9	*	49.7	*
17:30-17:35	51.7	59.9	*	49.7	*
17:35-17:40	49.4	59.9	*	49.7	*
17:40-17:45	53.7	59.9	*	49.7	*
17:45-17:50	50.6	59.9	*	49.7	*
17:50-17:55	53.9	59.9	*	49.7	*
17:55-18:00	51.9	59.9	*	49.7	*
18:00-18:05	54.7	54.7	*	50.3	*
18:05-18:10	49.9	54.7	*	50.3	*
18:10-18:15	49.7	54.7	*	50.3	*
18:15-18:20	50.0	54.7	*	50.3	*
18:20-18:25	52.2	54.7	*	50.3	*
18:25-18:30	50.6	54.7	*	50.3	*
18:30-18:35	54.8	54.7	41.4	50.3	-8.9
18:35-18:40	53.6	54.7	*	50.3	*
18:40-18:45	52.1	54.7	*	50.3	*
18:45-18:50	55.4	54.7	50.1	50.3	-0.2
18:50-18:55	50.6	54.7	*	50.3	*
18:55-19:00	51.3	54.7	*	50.3	*
19:00-19:05	51.7	55.0	*	51.8	*
19:05-19:10	55.1	55.0	41.7	51.8	-10.1
19:10-19:15	50.0	55.0	*	51.8	*
19:15-19:20	49.0	55.0	*	51.8	*
19:20-19:25	52.3	55.0	*	51.8	*
19:25-19:30	53.8	55.0	*	51.8	*
19:30-19:35	51.1	55.0	*	51.8	*
19:35-19:40	53.3	55.0	*	51.8	*
19:40-19:45	56.9	55.0	55.4	51.8	3.6
19:45-19:50	58.4	55.0	58.7	51.8	6.9
19:50-19:55	52.4	55.0	*	51.8	*
19:55-20:00	52.0	55.0	*	51.8	*



BY246/11/67

338/12/65

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)]
20:00-20:05	52.1	53.5	*	51.8	*
20:05-20:10	51.3	53.5	*	51.8	*
20:10-20:15	54.2	53.5	48.9	51.8	-2.9
20:15-20:20	56.0	53.5	55.4	51.8	3.6
20:20-20:25	52.2	53.5	*	51.8	*
20:25-20:30	53.5	53.5	*	51.8	*
20:30-20:35	53.7	53.5	43.2	51.8	-8.6
20:35-20:40	54.5	53.5	50.6	51.8	-1.2
20:40-20:45	54.4	53.5	50.1	51.8	-1.7
20:45-20:50	55.2	53.5	53.3	51.8	1.5
20:50-20:55	56.8	53.5	57.1	51.8	5.3
20:55-21:00	57.2	53.5	57.8	51.8	6.0
21:00-21:05	57.6	51.4	59.4	50.4	9.0
21:05-21:10	54.9	51.4	55.3	50.4	4.9
21:10-21:15	51.1	51.4	*	50.4	*
21:15-21:20	52.4	51.4	48.5	50.4	-1.9
21:20-21:25	52.1	51.4	46.8	50.4	-3.6
21:25-21:30	55.1	51.4	55.7	50.4	5.3
21:30-21:35	58.1	51.4	60.1	50.4	9.7
21:35-21:40	55.7	51.4	56.7	50.4	6.3
21:40-21:45	53.5	51.4	52.3	50.4	1.9
21:45-21:50	53.7	51.4	52.8	50.4	2.4
21:50-21:55	50.1	51.4	*	50.4	*
21:55-22:00	47.9	51.4	*	50.4	*
22:00-22:05	52.2	51.8	44.6	50.3	-5.7
22:05-22:10	55.7	51.8	56.4	50.3	6.1
22:10-22:15	52.3	51.8	45.7	50.3	-4.6
22:15-22:20	49.9	51.8	*	50.3	*
22:20-22:25	52.8	51.8	48.9	50.3	-1.4
22:25-22:30	51.5	51.8	*	50.3	*
22:30-22:35	52.5	51.8	47.2	50.3	-3.1
22:35-22:40	53.2	51.8	50.6	50.3	0.3
22:40-22:45	55.6	51.8	56.3	50.3	6.0
22:45-22:50	51.7	51.8	*	50.3	*
22:50-22:55	53.3	51.8	51.0	50.3	0.7
22:55-23:00	51.3	51.8	*	50.3	*
23:00-23:05	48.7	51.2	*	50.2	*
23:05-23:10	50.3	51.2	*	50.2	*
23:10-23:15	52.2	51.2	48.3	50.2	-1.9
23:15-23:20	51.4	51.2	40.9	50.2	-9.3
23:20-23:25	50.3	51.2	*	50.2	*
23:25-23:30	50.1	51.2	*	50.2	*
23:30-23:35	53.2	51.2	51.9	50.2	1.7
23:35-23:40	50.9	51.2	*	50.2	*
23:40-23:45	50.8	51.2	*	50.2	*
23:45-23:50	51.7	51.2	45.1	50.2	-5.1
23:50-23:55	51.4	51.2	40.9	50.2	-9.3
23:55-00:00	54.1	51.2	54.0	50.2	3.8
00:00-00:05	52.1	52.0	38.7	51.1	-12.4
00:05-00:10	51.3	52.0	*	51.1	*
00:10-00:15	50.4	52.0	*	51.1	*
00:15-00:20	51.7	52.0	*	51.1	*
00:20-00:25	51.0	52.0	*	51.1	*
00:25-00:30	50.7	52.0	*	51.1	*
00:30-00:35	50.9	52.0	*	51.1	*



BY246/11/67

338/12/65

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)]
00:35-00:40	51.8	52.0	*	51.1	*
00:40-00:45	51.1	52.0	*	51.1	*
00:45-00:50	50.5	52.0	*	51.1	*
00:50-00:55	50.3	52.0	*	51.1	*
00:55-01:00	51.1	52.0	*	51.1	*
01:00-01:05	49.8	52.3	*	51.6	*
01:05-01:10	50.7	52.3	*	51.6	*
01:10-01:15	50.4	52.3	*	51.6	*
01:15-01:20	51.3	52.3	*	51.6	*
01:20-01:25	49.8	52.3	*	51.6	*
01:25-01:30	46.8	52.3	*	51.6	*
01:30-01:35	50.8	52.3	*	51.6	*
01:35-01:40	47.6	52.3	*	51.6	*
01:40-01:45	46.7	52.3	*	51.6	*
01:45-01:50	50.0	52.3	*	51.6	*
01:50-01:55	50.2	52.3	*	51.6	*
01:55-02:00	49.5	52.3	*	51.6	*
02:00-02:05	48.0	52.3	*	51.5	*
02:05-02:10	49.1	52.3	*	51.5	*
02:10-02:15	49.3	52.3	*	51.5	*
02:15-02:20	48.1	52.3	*	51.5	*
02:20-02:25	47.0	52.3	*	51.5	*
02:25-02:30	48.6	52.3	*	51.5	*
02:30-02:35	47.0	52.3	*	51.5	*
02:35-02:40	46.5	52.3	*	51.5	*
02:40-02:45	46.9	52.3	*	51.5	*
02:45-02:50	46.5	52.3	*	51.5	*
02:50-02:55	45.2	52.3	*	51.5	*
02:55-03:00	48.0	52.3	*	51.5	*
03:00-03:05	47.1	52.6	*	51.8	*
03:05-03:10	46.1	52.6	*	51.8	*
03:10-03:15	46.3	52.6	*	51.8	*
03:15-03:20	46.4	52.6	*	51.8	*
03:20-03:25	46.0	52.6	*	51.8	*
03:25-03:30	46.8	52.6	*	51.8	*
03:30-03:35	45.9	52.6	*	51.8	*
03:35-03:40	45.5	52.6	*	51.8	*
03:40-03:45	46.4	52.6	*	51.8	*
03:45-03:50	45.3	52.6	*	51.8	*
03:50-03:55	45.7	52.6	*	51.8	*
03:55-04:00	45.2	52.6	*	51.8	*
04:00-04:05	46.0	52.5	*	51.1	*
04:05-04:10	47.9	52.5	*	51.1	*
04:10-04:15	50.7	52.5	*	51.1	*
04:15-04:20	45.9	52.5	*	51.1	*
04:20-04:25	47.4	52.5	*	51.1	*
04:25-04:30	48.0	52.5	*	51.1	*
04:30-04:35	46.8	52.5	*	51.1	*
04:35-04:40	50.7	52.5	*	51.1	*
04:40-04:45	46.4	52.5	*	51.1	*
04:45-04:50	45.3	52.5	*	51.1	*
04:50-04:55	45.6	52.5	*	51.1	*
04:55-05:00	47.1	52.5	*	51.1	*
05:00-05:05	46.5	56.2	*	51.1	*
05:05-05:10	47.6	56.2	*	51.1	*



BY246/11/67

338/12/65

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)]
05:10-05:15	48.3	56.2	*	51.1	*
05:15-05:20	48.1	56.2	*	51.1	*
05:20-05:25	49.3	56.2	*	51.1	*
05:25-05:30	48.9	56.2	*	51.1	*
05:30-05:35	47.1	56.2	*	51.1	*
05:35-05:40	47.5	56.2	*	51.1	*
05:40-05:45	48.9	56.2	*	51.1	*
05:45-05:50	49.9	56.2	*	51.1	*
05:50-05:55	48.1	56.2	*	51.1	*
05:55-06:00	49.8	56.2	*	51.1	*
06:00-06:05	48.8	59.5	*	51.9	*
06:05-06:10	49.5	59.5	*	51.9	*
06:10-06:15	49.8	59.5	*	51.9	*
06:15-06:20	50.4	59.5	*	51.9	*
06:20-06:25	51.9	59.5	*	51.9	*
06:25-06:30	50.5	59.5	*	51.9	*
06:30-06:35	51.0	59.5	*	51.9	*
06:35-06:40	50.8	59.5	*	51.9	*
06:40-06:45	51.0	59.5	*	51.9	*
06:45-06:50	51.8	59.5	*	51.9	*
06:50-06:55	51.6	59.5	*	51.9	*
06:55-07:00	50.1	59.5	*	51.9	*
07:00-07:05	50.8	58.6	*	51.3	*
07:05-07:10	51.2	58.6	*	51.3	*
07:10-07:15	51.1	58.6	*	51.3	*
07:15-07:20	51.9	58.6	*	51.3	*
07:20-07:25	50.6	58.6	*	51.3	*
07:25-07:30	51.7	58.6	*	51.3	*
07:30-07:35	50.7	58.6	*	51.3	*
07:35-07:40	50.3	58.6	*	51.3	*
07:40-07:45	50.7	58.6	*	51.3	*
07:45-07:50	50.2	58.6	*	51.3	*
07:50-07:55	50.5	58.6	*	51.3	*
07:55-08:00	50.1	58.6	*	51.3	*
08:00-08:05	51.9	55.5	*	50.1	*
08:05-08:10	50.0	55.5	*	50.1	*
08:10-08:15	50.9	55.5	*	50.1	*
08:15-08:20	50.1	55.5	*	50.1	*
08:20-08:25	50.7	55.5	*	50.1	*
08:25-08:30	50.6	55.5	*	50.1	*
08:30-08:35	51.6	55.5	*	50.1	*
08:35-08:40	50.7	55.5	*	50.1	*
08:40-08:45	52.8	55.5	*	50.1	*
08:45-08:50	50.4	55.5	*	50.1	*
08:50-08:55	50.7	55.5	*	50.1	*
08:55-09:00	50.4	55.5	*	50.1	*
09:00-09:05	50.8	55.5	*	50.3	*
09:05-09:10	50.7	55.5	*	50.3	*
09:10-09:15	51.5	55.5	*	50.3	*
09:15-09:20	51.8	55.5	*	50.3	*
09:20-09:25	50.4	55.5	*	50.3	*
09:25-09:30	51.7	55.5	*	50.3	*
09:30-09:35	52.1	55.5	*	50.3	*
09:35-09:40	52.7	55.5	*	50.3	*
09:40-09:45	50.7	55.5	*	50.3	*



BY246/11/67

338/12/65

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)]
09:45-09:50	51.4	55.5	*	50.3	*
09:50-09:55	50.6	55.5	*	50.3	*
09:55-10:00	54.6	55.5	*	50.3	*
10:00-10:05	54.7	57.1	*	50.6	*
10:05-10:10	52.1	57.1	*	50.6	*
10:10-10:15	54.1	57.1	*	50.6	*
10:15-10:20	53.4	57.1	*	50.6	*
10:20-10:25	53.5	57.1	*	50.6	*
10:25-10:30	53.0	57.1	*	50.6	*
10:30-10:35	52.6	57.1	*	50.6	*
10:35-10:40	54.3	57.1	*	50.6	*
10:40-10:45	55.6	57.1	*	50.6	*
10:45-10:50	52.6	57.1	*	50.6	*
10:50-10:55	54.7	57.1	*	50.6	*
10:55-11:00	53.0	57.1	*	50.6	*
11:00-11:05	52.0	57.2	*	50.3	*
11:05-11:10	54.2	57.2	*	50.3	*
11:10-11:15	54.8	57.2	*	50.3	*
11:15-11:20	54.4	57.2	*	50.3	*
11:20-11:25	54.6	57.2	*	50.3	*
11:25-11:30	53.8	57.2	*	50.3	*
11:30-11:35	54.0	57.2	*	50.3	*
11:35-11:40	52.6	57.2	*	50.3	*
11:40-11:45	51.3	57.2	*	50.3	*
11:45-11:50	55.1	57.2	*	50.3	*
11:50-11:55	51.9	57.2	*	50.3	*
11:55-12:00	56.7	57.2	*	50.3	*
12:00-12:05	53.0	56.6	*	49.8	*
12:05-12:10	51.7	56.6	*	49.8	*
12:10-12:15	55.5	56.6	*	49.8	*
12:15-12:20	53.6	56.6	*	49.8	*
12:20-12:25	52.4	56.6	*	49.8	*
12:25-12:30	55.8	56.6	*	49.8	*
12:30-12:35	53.8	56.6	*	49.8	*
12:35-12:40	53.4	56.6	*	49.8	*
12:40-12:45	52.3	56.6	*	49.8	*
12:45-12:50	50.5	56.6	*	49.8	*
12:50-12:55	51.8	56.6	*	49.8	*
12:55-13:00	52.1	56.6	*	49.8	*
13:00-13:05	53.5	54.6	*	46.6	*
13:05-13:10	50.8	54.6	*	46.6	*
13:10-13:15	53.9	54.6	*	46.6	*
13:15-13:20	52.6	54.6	*	46.6	*
13:20-13:25	50.1	54.6	*	46.6	*
13:25-13:30	53.4	54.6	*	46.6	*
13:30-13:35	51.8	54.6	*	46.6	*
13:35-13:40	54.7	54.6	41.3	46.6	-5.3
13:40-13:45	50.0	54.6	*	46.6	*
13:45-13:50	49.2	54.6	*	46.6	*
13:50-13:55	53.8	54.6	*	46.6	*
13:55-14:00	56.3	54.6	54.4	46.6	7.8
14:00-14:05	51.4	58.0	*	43.2	*
14:05-14:10	55.0	58.0	*	43.2	*
14:10-14:15	51.0	58.0	*	43.2	*
14:15-14:20	52.2	58.0	*	43.2	*



BY246/11/67

338/12/65

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)]
14:20-14:25	50.7	58.0	*	43.2	*
14:25-14:30	53.7	58.0	*	43.2	*
14:30-14:35	51.1	58.0	*	43.2	*
14:35-14:40	53.9	58.0	*	43.2	*
14:40-14:45	51.1	58.0	*	43.2	*
14:45-14:50	52.2	58.0	*	43.2	*
14:50-14:55	52.0	58.0	*	43.2	*
14:55-15:00	49.7	58.0	*	43.2	*
15:00-15:05	53.0	59.0	*	49.5	*
15:05-15:10	50.9	59.0	*	49.5	*
15:10-15:15	54.2	59.0	*	49.5	*
15:15-15:20	52.2	59.0	*	49.5	*
15:20-15:25	55.0	59.0	*	49.5	*
15:25-15:30	50.2	59.0	*	49.5	*
15:30-15:35	50.4	59.0	*	49.5	*
15:35-15:40	50.5	59.0	*	49.5	*
15:40-15:45	50.8	59.0	*	49.5	*
15:45-15:50	50.3	59.0	*	49.5	*
15:50-15:55	52.5	59.0	*	49.5	*
15:55-16:00	52.3	59.0	*	49.5	*
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

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

Time/Area of Nuisance

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

Conclusion

- ☐ 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

9 / 12 / 24

คุณภาพน้ำผิวดิน



Ref. No. W678-W679/08/24

Report No. 2408/334

338/12/65

Surface Water 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 Method : Grab
Sampling by : Rattanakorn Yosruangsak
S.P.S. Consulting Service Co., Ltd.

Sampling Date : 22 August 2024
Date Received : 22 August 2024
Date of Analysis : 22-30 August 2024
Date Reported : 3 September 2024

Parameter	Analytical Method	Station 1	Station 2	Standard
pH	Electrometric Method (4500-H ⁺ B.)	7.03	7.08	5.0-9.0
Temperature (°C)	Laboratory and Field Methods (2550 B.)	31.8	31.9	n ¹
Total Suspended Solids (mg/L)	Total Suspended Solids Dried at 103-105 °C (2540 D.)	19.7	12.2	-
Dissolved Oxygen (mg/L)	Azide Modification (4500-O C.)	4.1	4.4	More than 4.0
BOD ₅ (mg/L)	5 Day BOD Test (5210 B.) & Azide Modification (4500-O C.)	1.8	1.7	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.)	3,400	2,400	Less than 20,000
Fecal Coliform Bacteria (MPN/100 mL)	Multiple-Tube Fermentation Technique (9221 E.)	2,200	1,700	Less than 4,000

Remark:

Sample Characteristics: Yellow with slightly precipitate.

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.

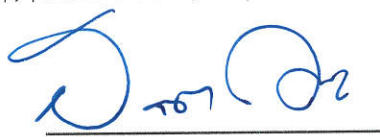
n¹ Temperature of water that must be not over 3 degree celsius from nature.

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.


(Sujinda Vichasawat)
Laboratory Supervisor
3, 09 24

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



Ref. No. W742-W743/12/24

Report No. 2412/309

338/12/65

Surface Water Quality Analysis Report

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

Sampling Date : 18 December 2024
Date Received : 18 December 2024
Date of Analysis : 18 December 2024-8 January 2025
Date Reported : 9 January 2025

Parameter	Analytical Method	Station 1	Station 2	Standard
pH	Electrometric Method (4500-H ⁺ B.)	7.67	7.42	5.0-9.0
Temperature (°C)	Laboratory and Field Methods (2550 B.)	28.1	27.2	n'
Total Suspended Solids (mg/L)	Total Suspended Solids Dried at 103-105 °C (2540 D.)	22.3	19.3	-
Dissolved Oxygen (mg/L)	Azide Modification (4500-O C.)	4.7	4.9	More than 4.0
BOD ₅ (mg/L)	5 Day BOD Test (5210 B.) & Azide Modification (4500-O C.)	1.8	1.9	Less than 2.0
COD (mg/L)	Closed Reflux, Titrimetric Method (5220 C.)	32	38	-
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.)	3,300	1,700	Less than 20,000
Fecal Coliform Bacteria (MPN/100 mL)	Multiple-Tube Fermentation Technique (9221 E.)	1,700	680	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 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.

(Sujinda Vichasawat)

Laboratory Supervisor

9 / 01 / 25

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

คุณภาพน้ำทิ้ง



Ref. No. W520-W522/07/24

Report No. 2407/272

338/12/65

Wastewater Quality Analysis Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 15 July 2024
Project Location : 61/1 Moo 11, Bangngha-Thakhleng Road, Kaosamorkorn, Date Received : 15 July 2024
Tawung, Lopburi Date of Analysis : 15-24 July 2024
Client Name/Address : Asia Pet (Thailand) Co., Ltd. Date Reported : 25 July 2024
Sampling by : Asia Pet (Thailand) Co., Ltd.

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.)	6.10	7.26	7.13	5.5-9.0
Total Suspended Solids (mg/L)	Total Suspended Solids Dried at 103-105 °C (2540 D.)	2.1	9.3	5.9	Less than 50
Total Dissolved Solids (mg/L)	Total Dissolved Solids Dried at 180 °C (2540 C.)	336	446	244	Less than 3,000
BOD ₅ (mg/L)	5 Day BOD Test (5210 B.) & Membrane Electrode Method (4500-O G.)	2,610	8	5	Less than 20
COD (mg/L)	Closed Reflux, Titrimetric Method (5220 C.)	5,100	64	45	Less than 120
TKN (mg/L)	Macro-Kjeldahl Method (4500-N _{org} B.) & Titrimetric Method (4500-NH ₃ C.)	4.8	5.0	3.5	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	1,700	2,400	-

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.



(Benjawan Sapphawong)

Laboratory Supervisor

25 / 07 / 24

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



Ref. No. W061-W063/08/24

Report No. 2408/056

338/12/65

Wastewater Quality Analysis Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 5 August 2024
Project Location : 61/1 Moo 11, Bangngha-Thakhlong Road, Kaosamorkorn, Date Received : 5 August 2024
Tawung, Lopburi Date of Analysis : 5-14 August 2024
Client Name/Address : Asia Pet (Thailand) Co., Ltd. Date Reported : 15 August 2024
Sampling by : Asia Pet (Thailand) Co., Ltd.

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.)	6.08	7.02	7.10	5.5-9.0
Total Suspended Solids (mg/L)	Total Suspended Solids Dried at 103-105 °C (2540 D.)	4.8	9.8	5.4	Less than 50
Total Dissolved Solids (mg/L)	Total Dissolved Solids Dried at 180 °C (2540 C.)	312	388	350	Less than 3,000
BOD ₅ (mg/L)	5 Day BOD Test (5210 B.) & Membrane Electrode Method (4500-O G.)	2,410	7	5	Less than 20
COD (mg/L)	Closed Reflux, Titrimetric Method (5220 C.)	5,737	64	45	Less than 120
TKN (mg/L)	Macro-Kjeldahl Method (4500-N _{org} B.) & Titrimetric Method (4500-NH ₃ C.)	6.6	3.1	2.1	Less than 100
Grease & Oil (mg/L)	Liquid-Liquid, Partition-Gravimetric Method (5520 B.)	3	<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 : 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.



(Benjawan Sapphawong)

Laboratory Supervisor

15 / 08 / 24

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



Ref. No. W048-W050/09/24

Report No. 2409/023

338/12/65

Wastewater Quality Analysis Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 2 September 2024
Project Location : 61/1 Moo 11, Bangngha-Thakhleng Road, Kaosamorkorn, Tawung, Lopburi Date Received : 2 September 2024
Client Name/Address : Asia Pet (Thailand) Co., Ltd. Date of Analysis : 2-11 September 2024
Sampling by : Asia Pet (Thailand) Co., Ltd. Date Reported : 12 September 2024

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.)	8.15	7.76	7.64	5.5-9.0
Total Suspended Solids (mg/L)	Total Suspended Solids Dried at 103-105 °C (2540 D.)	4.7	6.1	5.7	Less than 50
Total Dissolved Solids (mg/L)	Total Dissolved Solids Dried at 180 °C (2540 C.)	480	494	392	Less than 3,000
BOD ₅ (mg/L)	5 Day BOD Test (5210 B.) & Membrane Electrode Method (4500-O G.)	2,045	6	4	Less than 20
COD (mg/L)	Closed Reflux, Titrimetric Method (5220 C.)	4,780	45	32	Less than 120
TKN (mg/L)	Macro-Kjeldahl Method (4500-N _{org} B.) & Titrimetric Method (4500-NH ₃ C.)	4.1	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	330	490	-

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.

(Waraphon Phooowat)

Laboratory Supervisor

12 / 09 / 24

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



Ref. No. W248-W250/10/24

Report No. 2410/098

338/12/65

Wastewater Quality Analysis Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 7 October 2024
Project Location : 61/1 Moo 11, Bangngha-Thakhleng Road, Kaosamorkorn, Date Received : 7 October 2024
Tawung, Lopburi Date of Analysis : 7-16 October 2024
Client Name/Address : Asia Pet (Thailand) Co., Ltd. Date Reported : 17 October 2024
Sampling by : Asia Pet (Thailand) Co., Ltd.

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.)	6.04	7.79	7.76	5.5-9.0
Total Suspended Solids (mg/L)	Total Suspended Solids Dried at 103-105 °C (2540 D.)	5.1	8.6	4.1	Less than 50
Total Dissolved Solids (mg/L)	Total Dissolved Solids Dried at 180 °C (2540 C.)	474	496	212	Less than 3,000
BOD ₅ (mg/L)	5 Day BOD Test (5210 B.) & Membrane Electrode Method (4500-O G.)	2,600	5	4	Less than 20
COD (mg/L)	Closed Reflux, Titrimetric Method (5220 C.)	5,099	45	38	Less than 120
TKN (mg/L)	Macro-Kjeldahl Method (4500-N _{org} B.) & Titrimetric Method (4500-NH ₃ C.)	4.8	3.8	2.1	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 : 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.

(Supawadee Saentawisuk)

Laboratory Supervisor

17 / 10 / 24

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



Ref. No. W041-W043/11/24

Report No. 2411/031

338/12/65

Wastewater Quality Analysis Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 4 November 2024
Project Location : 61/1 Moo 11, Bangngha-Thakhleng Road, Kaosamorkorn, Date Received : 4 November 2024
Tawung, Lopburi Date of Analysis : 4-12 November 2024
Client Name/Address : Asia Pet (Thailand) Co., Ltd. Date Reported : 13 November 2024
Sampling by : Asia Pet (Thailand) Co., Ltd.

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.)	7.18	7.31	7.30	5.5-9.0
Total Suspended Solids (mg/L)	Total Suspended Solids Dried at 103-105 °C (2540 D.)	3.5	7.8	6.2	Less than 50
Total Dissolved Solids (mg/L)	Total Dissolved Solids Dried at 180 °C (2540 C.)	254	430	394	Less than 3,000
BOD ₅ (mg/L)	5 Day BOD Test (5210 B.) & Membrane Electrode Method (4500-O G.)	3,620	8	5	Less than 20
COD (mg/L)	Closed Reflux, Titrimetric Method (5220 C.)	8,287	64	32	Less than 120
TKN (mg/L)	Macro-Kjeldahl Method (4500-N _{org} B.) & Titrimetric Method (4500-NH ₃ C.)	3.1	3.5	2.7	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 : 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.


(Benjawan Sapphawong)

Laboratory Supervisor

13. / 11. / 24.

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



Ref. No. W267-W269/12/24

Report No. 2412/160

338/12/65

Wastewater Quality Analysis Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 9 December 2024
Project Location : 61/1 Moo 11, Bangngha-Thakhleng Road, Kaosamorkorn, Date Received : 9 December 2024
Tawung, Lopburi Date of Analysis : 9-18 December 2024
Client Name/Address : Asia Pet (Thailand) Co., Ltd. Date Reported : 19 December 2024
Sampling by : Asia Pet (Thailand) Co., Ltd.

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.)	8.25	7.94	7.82	5.5-9.0
Total Suspended Solids (mg/L)	Total Suspended Solids Dried at 103-105 °C (2540 D.)	2.8	5.1	4.1	Less than 50
Total Dissolved Solids (mg/L)	Total Dissolved Solids Dried at 180 °C (2540 C.)	374	384	380	Less than 3,000
BOD ₅ (mg/L)	5 Day BOD Test (5210 B.) & Membrane Electrode Method (4500-O G.)	1,972	9	5	Less than 20
COD (mg/L)	Closed Reflux, Titrimetric Method (5220 C.)	5,418	70	45	Less than 120
TKN (mg/L)	Macro-Kjeldahl Method (4500-N _{org} B.) & Titrimetric Method (4500-NH ₃ C.)	3.0	2.6	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	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.



(Benjawan Sapphawong)

Laboratory Supervisor

14 / 12 / 24

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

คุณภาพอากาศในสถานประกอบการ



Ref. No. A223-A224/10/24

Report No. 2410/076

338/12/65

Workplace Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited Sampling Date : 4 October 2024
Project Location : 61/1 Moo 11, Bangngha-Thakhleng Road, Kaosamorkorn, Tawung, Lopburi Date Received : 7 October 2024
Date of Analysis : 7-18 October 2024
Client Name/Address : Asia Pet (Thailand) Limited Date Reported : 21 October 2024
Sampling by : Rattanakorn Yosruangsak
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.

(Sujinda Vichasawat)

Laboratory Supervisor
21/10/24

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



Ref. No. A338-A339/12/24

Report No. 2412/309

338/12/65

Workplace Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited Sampling Date : 18 December 2024
Project Location : 61/1 Moo 11, Bangnga-Thakhleng Road, Kaosamorkorn, Date Received : 19 December 2024
Tawung, Lopburi Date of Analysis : 19 December 2024-8 January 2025
Client Name/Address : Asia Pet (Thailand) Limited Date Reported : 9 January 2025
Sampling by : Peeraphong Suphansri
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.

(Sujinda Vichasawat)

Laboratory Supervisor

9 / 01 / 25

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



Ref. No. A225-A227/10/24

Report No. 2410/076

338/12/65

Workplace Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited Sampling Date : 4 October 2024
Project Location : 61/1 Moo 11, Bangngha-Thakhlong Road, Kaosamorkorn, Tawung, Lopburi Date Received : 7 October 2024
Client Name/Address : Asia Pet (Thailand) Limited Date of Analysis : 7-18 October 2024
Sampling by : Rattanakorn Yosruangsak Date Reported : 21 October 2024
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

21/10/24

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



Ref. No. A340-A342/12/24

Report No. 2412/309

338/12/65

Workplace Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited Sampling Date : 18 December 2024
Project Location : 61/1 Moo 11, Bangnha-Thaklong Road, Kaosamorkorn, Tawung, Lopburi Date Received : 19 December 2024
Client Name/Address : Asia Pet (Thailand) Limited Date of Analysis : 19 December 2024-8 January 2025
Sampling by : Peeraphong Suphansri Date Reported : 9 January 2025
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

9 / 01 / 25

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



Ref. No. A228-A230/10/24

Report No. 2410/076

338/12/65

Workplace Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited Sampling Date : 4 October 2024
Project Location : 61/1 Moo 11, Bangngha-Thakhlong Road, Kaosamorkorn, Tawung, Lopburi Date Received : 7 October 2024
Date of Analysis : 7-18 October 2024
Client Name/Address : Asia Pet (Thailand) Limited Date Reported : 21 October 2024
Sampling by : Rattanakorn Yosruangsak
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.

(Sujinda Vichasawat)

Laboratory Supervisor

9 / 10 / 24

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



Ref. No. A343-A345/12/24

Report No. 2412/309

338/12/65

Workplace Air Quality Analysis Report

Project : Asia Pet (Thailand) Limited Sampling Date : 18 December 2024
Project Location : 61/1 Moo 11, Bangnga-Thakhleng Road, Kaosamorkorn, Tawung, Lopburi Date Received : 19 December 2024
Client Name/Address : Asia Pet (Thailand) Limited Date of Analysis : 19 December 2024-8 January 2025
Sampling by : Peeraphong Suphansri Date Reported : 9 January 2025
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.

(Sujinda Vichasawat)

Laboratory Supervisor

9 / 01 / 25

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

ระดับเสียงในสถานประกอบการ



BY082/10/67

338/12/65

Noise Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 4 October 2024
Project Location : 61/1 Moo 11, Bangngha-Thaklong Road Date Reported : 10 October 2024
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)]					
10:30-11:30	80.2	-				
11:30-12:30	79.8	-				
12:30-13:30	80.0	-				
13:30-14:30	80.2	-				
14:30-15:30	80.0	-				
15:30-16:30	79.9	-				
16:30-17:30	81.3	-				
17:30-18:30	81.2	-				
L _{eq} 8 hr [dB(A)]	80.4	Less Than 90.0				
L _{max} [dB(A)]	89.0	Less Than 140.0				
-	Sound Level Meter Data					-
	Calibrate Sheet No.: Noise B 381/24			03 October 2024		
	Equipment	Brand	Model	Serial No.	Standard	
	Sound Level Meter (No.B33)	ACO	6236	00182015	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.

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

(Phenpha Vipasthawatt)

Technician and Analysis of Work Environment

10 / 10 / 24



BY191/12/67

338/12/65

Noise Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 18 December 2024
Project Location : 61/1 Moo 11, Bangnga-Thaklong Road Date Reported : 24 December 2024
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)]					
10:30-11:30	83.2	-				
11:30-12:30	82.7	-				
12:30-13:30	83.0	-				
13:30-14:30	83.7	-				
14:30-15:30	83.8	-				
15:30-16:30	83.6	-				
16:30-17:30	81.5	-				
17:30-18:30	81.1	-				
L _{eq} 8 hr [dB(A)]	82.9	Less Than 90.0				
L _{max} [dB(A)]	93.7	Less Than 140.0				
-	Sound Level Meter Data					-
	Calibrate Sheet No.: Noise B 503/24			17 December 2024		
	Equipment	Brand	Model	Serial No.	Standard	
	Sound Level Meter (No.R40)	ACO	6236	00192052	IEC 61672	
	Actual Reading [dB]					
	Before Adjustment			After Adjustment		
	94.1			93.9		

Remark:

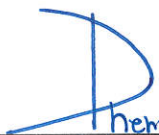
Standard = Safety Protection Measures in Industrial Plant Operation Concerning Working Environment,
Notification of the Ministry of Industry, B.E. 2546 (2003)

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.


(Phenpha Vipasthawatt)

Technician and Analysis of Work Environment

24 / 12 / 24



BY082/10/67

338/12/65

Noise Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 4 October 2024
Project Location : 61/1 Moo 11, Bangnga-Thaklong Road Date Reported : 10 October 2024
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)]					
10:30-11:30	81.8	-				
11:30-12:30	80.6	-				
12:30-13:30	81.7	-				
13:30-14:30	81.7	-				
14:30-15:30	75.0	-				
15:30-16:30	79.1	-				
16:30-17:30	75.1	-				
17:30-18:30	85.7	-				
L _{eq} 8 hr [dB(A)]	81.3	Less Than 90.0				
L _{max} [dB(A)]	97.4	Less Than 140.0				
-	Sound Level Meter Data					-
	Calibrate Sheet No.: Noise B 381/24			03 October 2024		
	Equipment	Brand	Model	Serial No.	Standard	
	Sound Level Meter (No.B36)	ACO	6236	00192027	IEC 61672	
	Actual Reading [dB]					
	Before Adjustment			After Adjustment		
	94.1			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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(Phenpha Vipasthawatt)

Technician and Analysis of Work Environment

10 / 10 / 24



BY191/12/67

338/12/65

Noise Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 18 December 2024
Project Location : 61/1 Moo 11, Bangnga-Thaklong Road Date Reported : 24 December 2024
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)]					
10:30-11:30	82.4	-				
11:30-12:30	83.5	-				
12:30-13:30	82.9	-				
13:30-14:30	82.4	-				
14:30-15:30	81.3	-				
15:30-16:30	83.2	-				
16:30-17:30	83.7	-				
17:30-18:30	87.7	-				
L _{eq} 8 hr [dB(A)]	83.8	Less Than 90.0				
L _{max} [dB(A)]	99.2	Less Than 140.0				
-	Sound Level Meter Data					-
	Calibrate Sheet No.: Noise B 503/24			17 December 2024		
	Equipment	Brand	Model	Serial No.	Standard	
	Sound Level Meter (No.R41)	ACO	6236	00192053	IEC 61672	
	Actual Reading [dB]					
	Before Adjustment			After Adjustment		
	94.1			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

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(Phenpha Vipasthawatt)

Technician and Analysis of Work Environment

24 / 12 / 24



BY082/10/67

338/12/65

Noise Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 4 October 2024
Project Location : 61/1 Moo 11, Bangngha-Thaklong Road Date Reported : 10 October 2024
Tampon 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)]					
10:30-11:30	82.6					-
11:30-12:30	82.1					-
12:30-13:30	82.4					-
13:30-14:30	82.5					-
14:30-15:30	82.4					-
15:30-16:30	82.7					-
16:30-17:30	82.7					-
17:30-18:30	82.7					-
L _{eq} 8 hr [dB(A)]	82.5					Less Than 90.0
L _{max} [dB(A)]	93.0					Less Than 140.0
-	Sound Level Meter Data					-
	Calibrate Sheet No.: Noise B 381/24			03 October 2024		
	Equipment	Brand	Model	Serial No.	Standard	
	Sound Level Meter (No.B41)	ACO	6236	00192032	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

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Technician and Analysis of Work Environment

10 / 10 / 24



BY191/12/67

338/12/65

Noise Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 18 December 2024
Project Location : 61/1 Moo 11, Bangnga-Thaklong Road Date Reported : 24 December 2024
Tampon 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)]					
10:30-11:30	81.1	-				
11:30-12:30	82.0	-				
12:30-13:30	81.8	-				
13:30-14:30	82.2	-				
14:30-15:30	81.8	-				
15:30-16:30	81.8	-				
16:30-17:30	82.0	-				
17:30-18:30	81.5	-				
L _{eq} 8 hr [dB(A)]	81.8	Less Than 90.0				
L _{max} [dB(A)]	93.2	Less Than 140.0				
-	Sound Level Meter Data					-
	Calibrate Sheet No.: Noise B 503/24			17 December 2024		
	Equipment	Brand	Model	Serial No.	Standard	
	Sound Level Meter (No.R50)	ACO	6236	00192062	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.

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

Phenpha V.

(Phenpha Vipasthawatt)

Technician and Analysis of Work Environment

24 / 12 / 24



BY082/10/67

338/12/65

Noise Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 4 October 2024
Project Location : 61/1 Moo 11, Bangnga-Thaklong Road Date Reported : 10 October 2024
Tampon 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)]					
10:30-11:30	77.3	-				
11:30-12:30	76.0	-				
12:30-13:30	75.6	-				
13:30-14:30	75.8	-				
14:30-15:30	77.0	-				
15:30-16:30	75.5	-				
16:30-17:30	75.2	-				
17:30-18:30	75.2	-				
L _{eq} 8 hr [dB(A)]	76.0	Less Than 90.0				
L _{max} [dB(A)]	85.5	Less Than 140.0				
-	Sound Level Meter Data					-
	Calibrate Sheet No.: Noise B 381/24			03 October 2024		
	Equipment	Brand	Model	Serial No.	Standard	
	Sound Level Meter (No.B43)	ACO	6236	00192034	IEC 61672	
	Actual Reading [dB]					
	Before Adjustment			After Adjustment		
	93.9			93.9		

Remark:

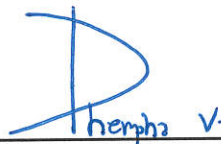
Standard = Safety Protection Measures in Industrial Plant Operation Concerning Working Environment,
Notification of the Ministry of Industry, B.E. 2546 (2003)

Sampling Method = Sound Level Meter

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

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10 / 10 / 24



BY191/12/67

338/12/65

Noise Level Report

Project : Asia Pet (Thailand) Co., Ltd. Sampling Date : 18 December 2024
Project Location : 61/1 Moo 11, Bangnga-Thaklong Road Date Reported : 24 December 2024
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)]					
10:30-11:30	77.1	-				
11:30-12:30	78.0	-				
12:30-13:30	78.4	-				
13:30-14:30	78.6	-				
14:30-15:30	78.5	-				
15:30-16:30	78.5	-				
16:30-17:30	78.6	-				
17:30-18:30	78.6	-				
L _{eq} 8 hr [dB(A)]	78.3	Less Than 90.0				
L _{max} [dB(A)]	94.7	Less Than 140.0				
-	Sound Level Meter Data					-
	Calibrate Sheet No.: Noise B 503/24			17 December 2024		
	Equipment	Brand	Model	Serial No.	Standard	
	Sound Level Meter (No.R51)	ACO	6236	00192063	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

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24 / 12 / 14