

ภาคผนวก ค.1

ใบรับรองผลการตรวจวัดและวิเคราะห์ (ระยะก่อสร้าง)

ผลการตรวจวัดและวิเคราะห์คุณภาพอากาศในบรรยากาศ



บริษัท ซีคोट จำกัด
SECOT CO., LTD.

239 ถนนริมคลองประปา แขวงบางซื่อ เขตบางซื่อ กรุงเทพฯ 10800
239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL : +66(0) 2959-3600 FAX : +66(0) 2959-3535 E-mail : envserv@secot.co.th

AMBIENT AIR QUALITY ANALYSIS REPORT

CLIENT NAME : Thai Nitrate Co., Ltd REFERENCE NO. : 226015-Amb-2606-0132
SAMPLING BY : SECOT Co., Ltd. SAMPLING DATE : 04-11/06/2026
RECEIVED DATE : 20/06/2026 ANALYTICAL DATE : 23-25/06/2026
REPORT DATE : 29/06/2026 SAMPLE CONDITION : Normal
SITE OPERATOR : Mr. Siwanon Kulawong
LOCATION DESCRIPTION : 1. Admin Building 3. Ban Pluak Kate
2. Moo 4 of Ta-Phong (Ban Na Pun R.7)

PARAMETER	SAMPLING DATE	UNITS	RESULTS			STANDARD*	REFERENCE METHOD
			1	2	3		
TSP (24 hr)	04-05/06/2026	mg/m ³	0.020	0.018	0.024	0.200	High Volume Air
	05-06/06/2026	mg/m ³	0.015	0.017	0.019		Sampler / Gravimetric
	06-07/06/2026	mg/m ³	0.014	0.015	0.018		Method
	07-08/06/2026	mg/m ³	0.014	0.014	0.019		
	08-09/06/2026	mg/m ³	0.017	0.016	0.019		
	09-10/06/2026	mg/m ³	0.013	0.014	0.015		
	10-11/06/2026	mg/m ³	0.011	0.011	0.013		

Pornnapa Budthum

(Miss Pornnapa Budthum)

Analyst

Main Poowasanpetch

(Miss Narisa Poowasanpetch)

Technical Management Team

- Remark : 1. Reported analysis refers to submitted sample only.
2. This report shall not be reproduced, except in full, without official approval.
3. * Notification of the National Environment Board, No.24, B.E.2569 (2026).



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REPORT DATE : 29/06/2026 SAMPLE CONDITION : Normal
SITE OPERATOR : Mr. Siwanon Kulawong
LOCATION DESCRIPTION : 1. Admin Building 3. Ban Pluak Kate
2. Ban Na Pun R.7

PARAMETER	SAMPLING DATE	UNITS	RESULTS			STANDARD*	REFERENCE METHOD
			1	2	3		
PM-10 (24 hr)	04-05/06/2026	mg/m ³	0.008	0.003	0.011	0.100	High Volume Air Sampler
	05-06/06/2026	mg/m ³	0.006	0.005	0.010		(Hi-Vol. PM-10 Size
	06-07/06/2026	mg/m ³	0.006	0.005	0.012		Selective Inlet/
	07-08/06/2026	mg/m ³	0.006	0.004	0.014		Gravimetric Method
	08-09/06/2026	mg/m ³	0.007	0.005	0.014		
	09-10/06/2026	mg/m ³	0.007	0.005	0.010		
	10-11/06/2026	mg/m ³	0.004	0.002	0.007		

Pornnapa Budthum

(Miss Pornnapa Budthum)

Analyst

Main Poowasanpetch

(Miss Narisa Poowasanpetch)

Technical Management Team

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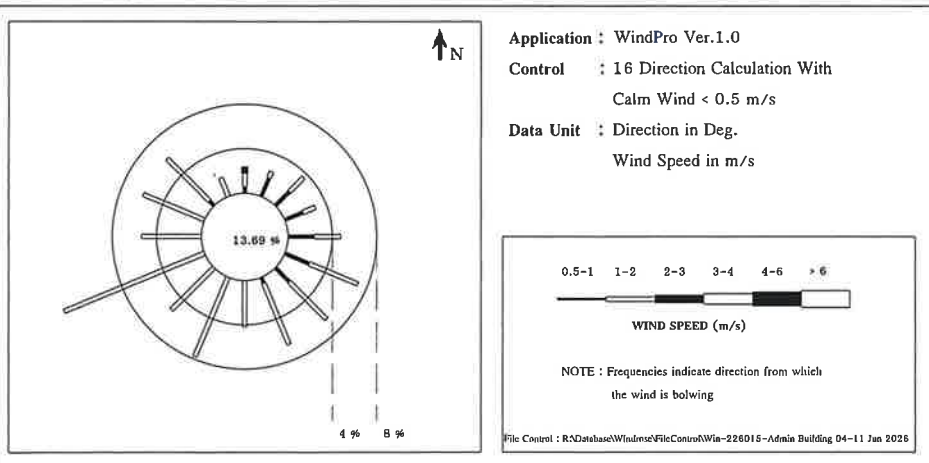


Meteorological Monitoring Results : Wind Rose

MTR-TNC

Location : Admin Building Monitor period : 04-11 Jun 2026
 Wind Speed Model : Scarlet WL-21 Serial No : 2205DR0080
 Wind Direction Model : Scarlet WL-21 Serial No : 2205DR0080

Direction	Percentage of Occurrence of Wind Direct Grouped in Various Wind Speed						Total
	0.5-1 m/s	1-2 m/s	2-3 m/s	3-4 m/s	4-6 m/s	More than 6	
N	0.0060	0.0119	0.0060	0.0000	0.0000	0.0000	0.0238
NNE	0.0179	0.0060	0.0000	0.0000	0.0000	0.0000	0.0238
NE	0.0179	0.0179	0.0000	0.0000	0.0000	0.0000	0.0357
ENE	0.0179	0.0119	0.0000	0.0000	0.0000	0.0000	0.0298
E	0.0238	0.0238	0.0000	0.0000	0.0000	0.0000	0.0476
ESE	0.0238	0.0476	0.0000	0.0000	0.0000	0.0000	0.0714
SE	0.0179	0.0476	0.0000	0.0000	0.0000	0.0000	0.0655
SSE	0.0060	0.0595	0.0000	0.0000	0.0000	0.0000	0.0655
S	0.0000	0.0417	0.0000	0.0000	0.0000	0.0000	0.0417
SSW	0.0000	0.0774	0.0000	0.0000	0.0000	0.0000	0.0774
SW	0.0000	0.0536	0.0000	0.0000	0.0000	0.0000	0.0536
WSW	0.0000	0.1369	0.0000	0.0000	0.0000	0.0000	0.1369
W	0.0000	0.0536	0.0000	0.0000	0.0000	0.0000	0.0536
WNW	0.0000	0.0595	0.0000	0.0000	0.0000	0.0000	0.0595
NW	0.0060	0.0536	0.0000	0.0000	0.0000	0.0000	0.0595
NNW	0.0000	0.0179	0.0000	0.0000	0.0000	0.0000	0.0179
CALM	0.1369						



(Miss Katesarin Vorradetwittaya)
 Environmental Scientist

(Miss Preeda Somjai)
 Technical Management Team



Meteorological Monitoring Results : Wind Rose

MTR-TNC

Location : Admin Building Monitor period : 04-11 Jun 2026
 Wind Speed Model : Scarlet WL-21 Serial No : 2205DR0080
 Wind Direction Model : Scarlet WL-21 Serial No : 2205DR0080

Time	04-05 Jun 2026		05-06 Jun 2026		06-07 Jun 2026		07-08 Jun 2026	
	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD
12:00 - 13:00	1.6	WSW	1.3	ESE	1.4	W	0.0	WSW
13:00 - 14:00	1.8	WSW	1.4	SE	1.4	W	0.0	WSW
14:00 - 15:00	1.8	WSW	1.3	E	1.0	W	0.0	WSW
15:00 - 16:00	1.4	NW	1.5	SSW	1.2	WNW	0.0	S
16:00 - 17:00	1.4	ESE	1.3	NE	1.1	WSW	0.0	ESE
17:00 - 18:00	1.4	ESE	1.4	E	1.1	NNW	0.0	ESE
18:00 - 19:00	1.3	ESE	1.4	ENE	1.1	NNE	0.0	E
19:00 - 20:00	1.1	NW	1.3	ESE	1.0	ENE	0.0	E
20:00 - 21:00	1.1	WSW	1.1	E	1.2	W	0.0	WSW
21:00 - 22:00	1.2	NW	1.6	WSW	1.4	WSW	0.0	WSW
22:00 - 23:00	1.4	NE	1.5	W	1.3	WSW	0.0	W
23:00 - 24:00	1.5	NW	1.2	NE	0.6	NW	0.9	E
00:00 - 01:00	1.5	WNW	1.2	NW	0.0	NNE	1.3	SW
01:00 - 02:00	1.5	WSW	1.2	WNW	0.0	W	1.4	SW
02:00 - 03:00	1.4	WNW	1.1	E	0.0	NNW	0.6	ENE
03:00 - 04:00	1.4	WSW	1.2	W	0.0	W	0.9	SE
04:00 - 05:00	1.4	WNW	1.1	WNW	0.0	W	1.1	SSW
05:00 - 06:00	1.3	N	1.1	N	0.0	WSW	1.4	SSW
06:00 - 07:00	1.3	NNW	1.3	NW	0.0	WSW	1.3	S
07:00 - 08:00	1.4	WNW	1.2	WNW	0.0	W	1.5	WSW
08:00 - 09:00	1.4	WSW	1.3	WSW	0.0	WSW	1.1	SSW
09:00 - 10:00	1.4	ESE	1.3	WSW	0.0	W	1.4	SW
10:00 - 11:00	1.4	ESE	1.4	WSW	0.0	N	1.6	WSW
11:00 - 12:00	1.6	SE	1.4	WSW	0.0	SW	1.4	WSW

Wind Rose



File Control : R:\Database\Windrose\FileControl\Win-226015-Admin Building 04-11 Jun 2026

(Miss Katesarin Vorradetwittaya)
 Environmental Scientist

(Miss Preeda Somjai)
 Technical Management Team

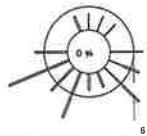


Meteorological Monitoring Results : Wind Rose MTR-TNC

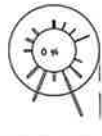
Location : Admin Building Monitor period : 04-11 Jun 2026
 Wind Speed Model : Scarlet WL-21 Serial No : 2205DR0080
 Wind Direction Model : Scarlet WL-21 Serial No : 2205DR0080

Time	08-09 Jun 2026		09-10 Jun 2026		10-11 Jun 2026	
	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD
12:00 - 13:00	1.8	NNW	1.3	SSW	0.7	E
13:00 - 14:00	1.2	SSW	1.0	SSE	1.6	SW
14:00 - 15:00	1.3	WSW	0.9	ESE	1.4	WSW
15:00 - 16:00	1.0	S	0.6	ENE	1.1	S
16:00 - 17:00	1.3	SSW	0.9	SE	1.3	S
17:00 - 18:00	0.8	E	2.0	N	1.3	SSW
18:00 - 19:00	0.9	SE	1.2	SSW	0.9	ESE
19:00 - 20:00	1.2	SSW	1.4	SW	1.1	SSE
20:00 - 21:00	1.6	WSW	0.9	SSE	0.9	ESE
21:00 - 22:00	1.4	WSW	1.0	SE	0.5	NNE
22:00 - 23:00	1.7	W	0.5	NE	1.8	WNW
23:00 - 24:00	1.5	SW	1.3	SW	1.2	S
00:00 - 01:00	1.1	SSE	1.2	SSW	1.0	SSE
01:00 - 02:00	1.1	SE	0.7	ENE	1.0	SE
02:00 - 03:00	1.0	SE	1.0	SSE	1.9	NW
03:00 - 04:00	1.6	W	0.6	NNE	1.9	NW
04:00 - 05:00	1.4	SW	1.9	WNW	1.5	SW
05:00 - 06:00	1.0	ESE	1.3	SSW	0.5	NE
06:00 - 07:00	0.6	N	1.7	NW	1.1	SE
07:00 - 08:00	1.6	WSW	1.5	W	1.2	SSE
08:00 - 09:00	0.7	E	1.0	SSE	1.0	SE
09:00 - 10:00	0.6	NE	1.2	S	1.4	SSW
10:00 - 11:00	0.8	ESE	1.2	SSE	1.1	SSE
11:00 - 12:00	0.6	NNE	1.1	SSE	1.3	S

Wind Rose



6 %



12 %



6 %



File Control : R:\Database\Windrose\FileControlWin-226015-Admin Building 04-11 Jun 2026

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

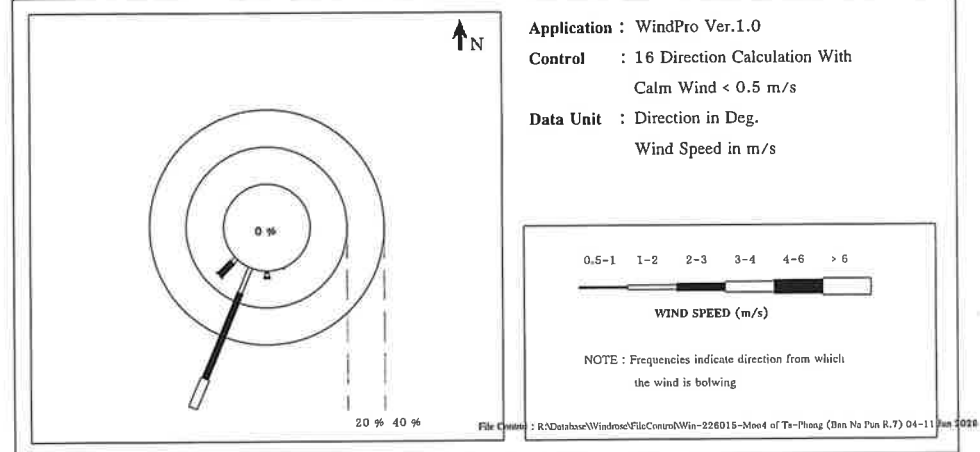
Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Meteorological Monitoring Results : Wind Rose MTR-TNC

Location : Moo4 of Ta-Phong (Ban Na Pun R.7) Monitor period : 04-11 Jun 2026
 Wind Speed Model : Scarlet WL-21 Serial No : 2205DR0061
 Wind Direction Model : Scarlet WL-21 Serial No : 2205DR0061

Direction	Percentage of Occurrence of Wind Direct Grouped in Various Wind Speed						Total
	0.5-1 m/s	1-2 m/s	2-3 m/s	3-4 m/s	4-6 m/s	More than 6	
N	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NNE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ENE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
E	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ESE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SSE	0.0060	0.0000	0.0000	0.0000	0.0000	0.0000	0.0060
S	0.0119	0.0179	0.0119	0.0000	0.0000	0.0000	0.0417
SSW	0.0000	0.1488	0.5000	0.1726	0.0000	0.0000	0.8214
SW	0.0000	0.0298	0.0952	0.0060	0.0000	0.0000	0.1310
WSW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
W	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
WNW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NNW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CALM	0.0000						



(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



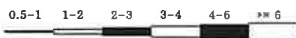
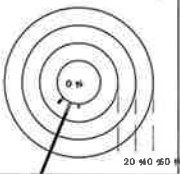
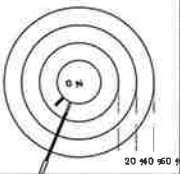
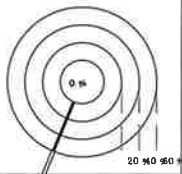
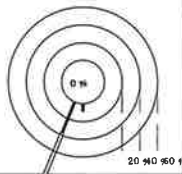
Meteorological Monitoring Results : Wind Rose

MTR-TNC

Location : Moo4 of Ta-Phong (Ban Na Pun R.7) Monitor period : 04-11 Jun 2026
 Wind Speed Model : Scarlet WL-21 Serial No : 2205DR0061
 Wind Direction Model : Scarlet WL-21 Serial No : 2205DR0061

Time	04-05 Jun 2026		05-06 Jun 2026		06-07 Jun 2026		07-08 Jun 2026	
	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD
13:00 - 14:00	3.4	SSW	2.8	SSW	2.3	SSW	2.7	SSW
14:00 - 15:00	3.8	SSW	3.3	SSW	2.4	SSW	1.5	SW
15:00 - 16:00	3.2	SSW	3.2	SSW	2.4	SSW	1.3	S
16:00 - 17:00	2.9	SSW	3.1	SSW	2.2	SSW	2.0	SSW
17:00 - 18:00	2.7	SSW	3.3	SSW	2.2	SSW	2.0	SSW
18:00 - 19:00	2.5	SSW	2.8	SSW	2.2	SSW	2.3	SSW
19:00 - 20:00	2.2	SSW	2.4	SSW	2.8	SSW	1.6	SSW
20:00 - 21:00	2.1	SSW	3.0	SSW	2.3	SW	1.8	SSW
21:00 - 22:00	2.9	SSW	3.8	SSW	2.6	SSW	2.5	SSW
22:00 - 23:00	3.3	SSW	2.9	SSW	1.9	SSW	2.6	SW
23:00 - 24:00	3.6	SSW	2.4	SSW	1.7	SSW	1.6	SSW
00:00 - 01:00	3.5	SSW	2.6	SSW	2.2	SSW	2.2	SSW
01:00 - 02:00	3.2	SSW	2.4	SSW	1.9	SSW	2.4	SSW
02:00 - 03:00	3.2	SSW	2.4	SSW	2.3	SSW	2.3	SSW
03:00 - 04:00	2.9	SSW	2.5	SSW	2.2	SSW	2.2	SSW
04:00 - 05:00	2.9	SSW	2.1	SSW	2.8	SSW	2.3	SSW
05:00 - 06:00	2.7	SSW	2.5	SSW	2.7	SW	2.6	SSW
06:00 - 07:00	3.1	SSW	2.6	SSW	2.7	SW	2.7	SSW
07:00 - 08:00	3.1	SSW	2.7	SSW	2.9	SSW	2.4	SSW
08:00 - 09:00	3.0	SSW	2.7	SSW	3.0	SSW	2.9	SSW
09:00 - 10:00	3.2	SSW	3.0	SSW	3.3	SSW	2.8	SSW
10:00 - 11:00	3.3	SSW	3.2	SSW	2.6	SSW	2.8	SSW
11:00 - 12:00	2.9	S	3.1	SSW	3.1	SSW	2.6	SSW
12:00 - 13:00	2.4	S	3.5	SSW	3.0	SSW	2.9	SSW

Wind Rose



WIND SPEED (m/s) - Scale 1:3

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team



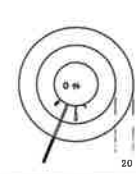
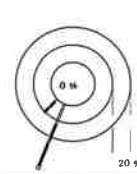
Meteorological Monitoring Results : Wind Rose

MTR-TNC

Location : Moo4 of Ta-Phong (Ban Na Pun R.7) Monitor period : 04-11 Jun 2026
 Wind Speed Model : Scarlet WL-21 Serial No : 2205DR0061
 Wind Direction Model : Scarlet WL-21 Serial No : 2205DR0061

Time	08-09 Jun 2026		09-10 Jun 2026		10-11 Jun 2026	
	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD
13:00 - 14:00	3.3	SSW	2.6	SSW	2.8	SSW
14:00 - 15:00	3.3	SW	2.3	SSW	2.7	SSW
15:00 - 16:00	2.3	SSW	1.8	SSW	2.4	SSW
16:00 - 17:00	1.4	SSW	1.8	SSW	2.1	SSW
17:00 - 18:00	1.7	SSW	2.3	SSW	1.7	SSW
18:00 - 19:00	1.9	SSW	1.8	SSW	1.8	SSW
19:00 - 20:00	2.1	SW	1.7	SSW	2.1	SSW
20:00 - 21:00	2.3	SW	1.7	SSW	1.9	SSW
21:00 - 22:00	2.2	SW	1.8	SSW	1.9	SSW
22:00 - 23:00	1.9	SW	2.8	SSW	2.3	SW
23:00 - 24:00	2.1	SW	2.3	SW	1.9	SW
00:00 - 01:00	2.0	SW	2.3	SW	1.5	SSW
01:00 - 02:00	1.9	SW	2.3	SW	1.6	SSW
02:00 - 03:00	2.4	SW	1.9	SW	1.9	SSW
03:00 - 04:00	2.1	SW	2.3	SW	1.5	SSW
04:00 - 05:00	2.4	SSW	2.1	SSW	0.9	S
05:00 - 06:00	2.2	SSW	2.0	SSW	0.7	SSE
06:00 - 07:00	2.4	SSW	2.2	SSW	0.9	S
07:00 - 08:00	2.5	SSW	2.3	SSW	1.3	S
08:00 - 09:00	2.7	SSW	2.3	SSW	2.1	SSW
09:00 - 10:00	2.7	SSW	2.4	SSW	2.0	SSW
10:00 - 11:00	2.5	SSW	2.6	SSW	1.8	SSW
11:00 - 12:00	2.6	SSW	3.0	SSW	1.9	S
12:00 - 13:00	2.4	SSW	2.9	SSW	1.9	SSW

Wind Rose



WIND SPEED (m/s) - Scale 1:3

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team

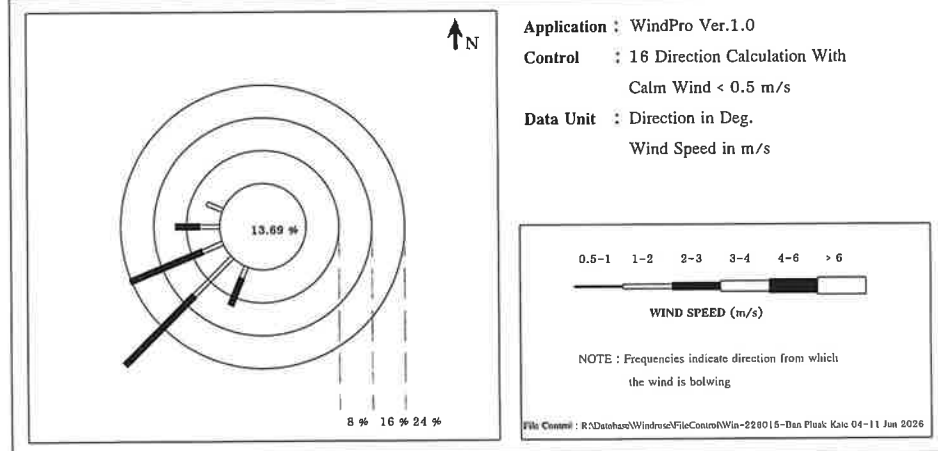


Meteorological Monitoring Results : Wind Rose

MTR-TNC

Location : Ban Pluak Kate Monitor period : 04-11 Jun 2026
 Wind Speed Model : Scarlet WL-21 Serial No : 2112DR0020
 Wind Direction Model : Scarlet WL-21 Serial No : 2112DR0020

Direction	Percentage of Occurrence of Wind Direct Grouped in Various Wind Speed						Total
	0.5-1 m/s	1-2 m/s	2-3 m/s	3-4 m/s	4-6 m/s	More than 6	
N	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NNE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ENE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
E	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ESE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SSE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SSW	0.0000	0.0298	0.0714	0.0000	0.0000	0.0000	0.1012
SW	0.0000	0.1310	0.2381	0.0000	0.0000	0.0000	0.3690
WSW	0.0000	0.0536	0.1905	0.0000	0.0000	0.0000	0.2440
W	0.0000	0.0476	0.0595	0.0000	0.0000	0.0000	0.1071
WNW	0.0000	0.0417	0.0000	0.0000	0.0000	0.0000	0.0417
NW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NNW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CALM	0.1369						



(Miss Katesarin Vorradetwittaya)
 Environmental Scientist

Preeda S.
 (Miss Preeda Somjai)
 Technical Management Team

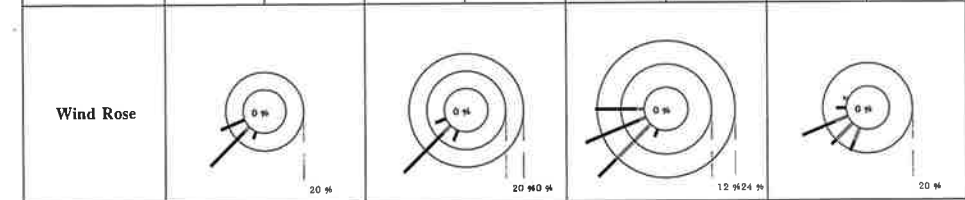


Meteorological Monitoring Results : Wind Rose

MTR-TNC

Location : Ban Pluak Kate Monitor period : 04-11 Jun 2026
 Wind Speed Model : Scarlet WL-21 Serial No : 2112DR0020
 Wind Direction Model : Scarlet WL-21 Serial No : 2112DR0020

Time	04-05 Jun 2026		05-06 Jun 2026		06-07 Jun 2026		07-08 Jun 2026	
	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD
14:00 - 15:00	2.9	WSW	2.8	SW	2.1	SW	2.2	W
15:00 - 16:00	2.8	SW	2.8	SSW	2.0	WSW	1.3	WSW
16:00 - 17:00	2.4	SW	2.5	SW	1.8	SW	1.9	SSW
17:00 - 18:00	2.6	SW	2.7	SW	1.9	SW	2.0	SSW
18:00 - 19:00	2.4	SW	2.3	SW	2.1	SSW	2.0	SSW
19:00 - 20:00	1.8	SW	2.2	SW	2.0	SW	1.6	SSW
20:00 - 21:00	2.1	WSW	2.1	SSW	1.8	W	1.4	SSW
21:00 - 22:00	2.1	SW	2.6	WSW	2.1	W	1.9	SW
22:00 - 23:00	2.3	SW	2.6	SW	2.2	WSW	2.3	WSW
23:00 - 24:00	2.7	WSW	2.3	SW	1.5	SW	1.6	WNW
00:00 - 01:00	2.6	WSW	1.9	SW	1.8	SW	1.6	WSW
01:00 - 02:00	2.3	WSW	1.9	SW	1.8	SW	2.0	SW
02:00 - 03:00	2.4	WSW	2.1	SSW	1.8	SW	1.9	SW
03:00 - 04:00	2.5	WSW	2.1	SW	1.9	WSW	1.9	WSW
04:00 - 05:00	2.1	SW	1.9	SW	2.0	WSW	1.6	SW
05:00 - 06:00	1.9	SW	2.0	SW	2.1	W	2.0	WSW
06:00 - 07:00	2.2	SW	2.2	SW	2.2	W	2.2	WSW
07:00 - 08:00	2.3	SW	2.0	SW	2.3	W	1.7	SW
08:00 - 09:00	2.4	SW	2.1	SW	2.4	WSW	1.9	SW
09:00 - 10:00	2.7	SW	2.4	WSW	2.4	WSW	2.3	WSW
10:00 - 11:00	2.9	SW	2.3	SW	2.6	SW	2.7	WSW
11:00 - 12:00	2.9	SW	2.4	SW	2.5	W	2.1	WSW
12:00 - 13:00	2.8	SSW	2.6	WSW	2.4	WSW	2.1	W
13:00 - 14:00	2.8	SSW	2.2	SW	2.6	WSW	2.4	WSW



File Control : R:\Database\Windrose\FileControl\Win-226015-Ban Pluak Kate 04-11 Jun 2026

(Miss Katesarin Vorradetwittaya)
 Environmental Scientist

Preeda S.
 (Miss Preeda Somjai)
 Technical Management Team



Meteorological Monitoring Results : Wind Rose

MTR-TNC

Location : Ban Pluak Kate

Monitor period : 04-11 Jun 2026

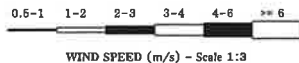
Wind Speed Model : Scarlet WL-21

Serial No : 2112DR0020

Wind Direction Model : Scarlet WL-21

Serial No : 2112DR0020

Time	08-09 Jun 2026		09-10 Jun 2026		10-11 Jun 2026		
	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD	
14:00 - 15:00	2.6	WSW	1.8	SW	0.0	SW	
15:00 - 16:00	2.4	W	2.0	WSW	0.0	SSW	
16:00 - 17:00	1.8	WSW	1.8	SSW	0.0	SSW	
17:00 - 18:00	1.3	SW	2.0	SSW	0.0	SSW	
18:00 - 19:00	1.8	W	2.1	SSW	0.0	SSW	
19:00 - 20:00	1.6	WNW	2.0	SSW	0.0	SSW	
20:00 - 21:00	1.9	WNW	2.0	SSW	0.0	SSW	
21:00 - 22:00	1.9	W	1.7	SSW	0.0	SSW	
22:00 - 23:00	1.6	W	1.8	SW	0.0	WSW	
23:00 - 24:00	1.7	W	2.1	W	0.0	W	
00:00 - 01:00	1.8	WNW	1.8	WNW	0.0	W	
01:00 - 02:00	1.8	WNW	2.0	W	0.0	S	
02:00 - 03:00	1.8	WNW	1.6	W	2.0	WSW	
03:00 - 04:00	1.7	W	0.0	W	1.9	WSW	
04:00 - 05:00	1.8	W	0.0	W	1.9	WSW	
05:00 - 06:00	1.8	WSW	0.0	SW	1.9	SW	
06:00 - 07:00	1.9	SW	0.0	SSW	2.1	SW	
07:00 - 08:00	1.8	WSW	0.0	SSW	1.9	SW	
08:00 - 09:00	2.1	WSW	0.0	SSW	2.1	SW	
09:00 - 10:00	2.4	SW	0.0	SSW	2.4	SW	
10:00 - 11:00	2.2	WSW	0.0	SW	2.3	WSW	
11:00 - 12:00	2.1	WSW	0.0	SW	2.3	WSW	
12:00 - 13:00	2.1	SW	0.0	SW	2.4	SW	
13:00 - 14:00	2.1	SW	0.0	SW	2.2	SW	
Wind Rose							



File Control : R:\Database\Windrose\FileControl\Win-228015-Ban Pluak Kate 04-11 Jun 2026

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team

ผลการตรวจวัดระดับเสียง



Noise Monitoring Result : Community Noise MTR-TNC

Location : Moo4 of Ta-Phong (Ban Na Pun R.7)				Monitor Period : 04-11 Jun 2026			
SLM Model : Cirrus CR162C				Serial No : G301029			
Site Operator : Mr. Siwanon Kulawong							
Calibrator Model : Cirrus CR:515				Serial No : 97097			
Calibration Ref dB(A) : 94.0				Certified Date : 14 Oct 2025			
SLM Reading / Adjust dB(A) : 93.4/0.3				Expire Date : 13 Oct 2026			
Cal Sheet No.: CR-515-2026-152							
Time	Equivalent Sound Pressure Level (dB(A))						
	04-05 Jun 2026	05-06 Jun 2026	06-07 Jun 2026	07-08 Jun 2026	08-09 Jun 2026	09-10 Jun 2026	10-11 Jun 2026
13:00 - 14:00	48.6	46.7	47.5	46.0	48.7	49.0	48.8
14:00 - 15:00	49.5	48.5	46.3	46.1	49.9	48.1	48.3
15:00 - 16:00	48.5	48.2	46.4	46.8	51.1	50.0	48.1
16:00 - 17:00	47.6	47.7	46.4	46.0	49.3	48.2	48.2
17:00 - 18:00	49.1	48.9	47.1	45.8	48.9	49.9	50.4
18:00 - 19:00	49.7	49.4	46.3	45.9	49.3	49.7	50.3
19:00 - 20:00	46.9	47.8	46.9	45.4	48.2	49.6	51.6
20:00 - 21:00	45.1	45.8	47.0	44.5	47.9	48.6	51.8
21:00 - 22:00	45.5	49.2	46.6	43.6	48.1	48.4	50.1
22:00 - 23:00	46.6	48.0	46.3	44.9	48.6	47.9	48.8
23:00 - 00:00	47.1	46.1	44.5	44.0	48.2	48.8	48.7
00:00 - 01:00	48.3	45.8	44.9	43.6	48.3	47.8	47.7
01:00 - 02:00	47.5	45.2	44.9	43.7	48.5	48.1	47.1
02:00 - 03:00	47.1	45.2	44.6	43.7	47.7	47.6	47.5
03:00 - 04:00	46.4	45.4	44.6	43.5	47.9	47.2	47.5
04:00 - 05:00	46.0	45.4	45.0	43.3	47.9	47.4	47.1
05:00 - 06:00	47.0	46.5	46.5	44.9	50.0	49.5	48.9
06:00 - 07:00	47.7	46.7	47.1	46.7	50.1	49.6	50.4
07:00 - 08:00	48.9	47.2	47.6	47.6	50.1	49.7	50.6
08:00 - 09:00	47.8	46.2	46.6	45.8	49.6	48.5	48.5
09:00 - 10:00	47.5	45.4	47.4	46.2	50.1	47.4	48.0
10:00 - 11:00	48.1	46.6	47.7	45.6	49.2	49.3	47.0
11:00 - 12:00	49.8	47.3	46.9	48.2	51.2	49.5	46.7
12:00 - 13:00	51.3	52.3	47.0	48.3	50.3	49.8	47.6
Leq(24)*	48.1	47.5	46.4	45.7	49.3	48.8	49.0
Ldn	53.8	52.9	52.1	51.1	55.2	54.8	54.9
Lmax **	92.7	95.7	91.3	96.8	96.7	96.3	100.0
Standard-24Hr	70 dB(A)						
Standard-Max	115 dB(A)						

Remark : * Average time between 13:00-13:00

** Maximum Sound Pressure Level between 13:00-13:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Background Noise MTR-TNC

Location : Moo4 of Ta-Phong (Ban Na Pun R.7)

Monitor Period : 04-11 Jun 2026

SLM Model : Cirrus CR162C

Serial No : G301029

Site Operator : Mr. Siwanon Kulawong

Calibrator Model : Cirrus CR:515

Serial No : 97097

Calibration Ref dB(A) : 94.0

Certified Date : 14 Oct 2025

SLM Reading / Adjust dB(A) : 93.4/0.3

Expire Date : 13 Oct 2026

Cal Sheet No.: CR-515-2026-152

Time	L90 (dB(A))						
	04-05 Jun 2026	05-06 Jun 2026	06-07 Jun 2026	07-08 Jun 2026	08-09 Jun 2026	09-10 Jun 2026	10-11 Jun 2026
13:00 - 14:00	44.0	43.6	45.4	44.3	45.9	46.7	46.5
14:00 - 15:00	45.6	45.3	44.3	44.1	46.7	46.4	46.5
15:00 - 16:00	45.3	45.7	44.4	44.1	47.5	46.5	46.3
16:00 - 17:00	45.2	45.7	44.4	43.5	47.1	46.0	46.2
17:00 - 18:00	45.5	46.9	44.7	43.7	46.3	46.7	46.5
18:00 - 19:00	45.0	46.2	44.4	43.8	47.1	47.1	47.2
19:00 - 20:00	44.7	45.1	44.4	43.6	46.3	46.6	47.3
20:00 - 21:00	43.7	44.4	44.5	42.4	46.7	47.6	47.8
21:00 - 22:00	43.9	45.2	44.5	42.6	46.9	47.1	47.6
22:00 - 23:00	44.6	45.5	44.6	43.3	47.1	46.6	47.6
23:00 - 00:00	45.1	44.3	43.5	42.8	47.3	47.4	47.7
00:00 - 01:00	45.1	44.2	43.5	42.6	47.5	47.1	46.6
01:00 - 02:00	45.0	44.2	43.8	42.6	47.5	47.2	46.3
02:00 - 03:00	44.9	43.9	43.7	42.7	47.2	46.8	46.7
03:00 - 04:00	44.6	44.2	43.7	42.6	47.0	46.4	46.6
04:00 - 05:00	44.4	44.2	43.8	42.4	47.0	46.6	46.1
05:00 - 06:00	44.9	44.5	45.1	43.3	47.2	47.6	46.9
06:00 - 07:00	45.2	45.1	45.2	44.3	48.3	48.2	48.2
07:00 - 08:00	45.9	44.7	45.0	44.4	47.9	47.7	47.4
08:00 - 09:00	45.1	44.3	44.7	43.7	47.3	46.4	45.9
09:00 - 10:00	44.7	43.7	45.1	43.6	47.5	45.9	45.5
10:00 - 11:00	45.5	44.4	45.1	43.9	47.1	46.6	43.7
11:00 - 12:00	46.3	44.7	44.7	44.3	48.2	47.1	43.8
12:00 - 13:00	43.9	45.4	44.8	46.0	47.7	47.2	44.0
L90(avg)*	45.0	44.8	44.5	43.6	47.2	46.9	46.6

Remark : * Average time between 13:00-13:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Community Noise

MTR-TNC

Location : Ban Pluak Kate				Monitor Period : 04-11 Jun 2026			
SLM Model : Cirrus CR162C				Serial No : G300832			
Site Operator : Mr. Siwanon Kulawong							
Calibrator Model : Cirrus CR:515				Serial No : 97097			
Calibration Ref dB(A) : 94.0				Certified Date : 14 Oct 2025			
SLM Reading / Adjust dB(A) : 93.6/0.1				Expire Date : 13 Oct 2026			
Cal Sheet No.: CR-515-2026-152							
Time	Equivalent Sound Pressure Level (dB(A))						
	04-05 Jun 2026	05-06 Jun 2026	06-07 Jun 2026	07-08 Jun 2026	08-09 Jun 2026	09-10 Jun 2026	10-11 Jun 2026
14:00 - 15:00	65.5	56.8	58.4	58.8	59.1	57.3	57.0
15:00 - 16:00	56.5	57.1	58.1	61.5	60.0	59.1	58.5
16:00 - 17:00	56.9	57.8	58.1	59.1	61.6	59.4	58.1
17:00 - 18:00	56.8	58.2	58.4	58.6	60.2	58.5	58.8
18:00 - 19:00	56.7	57.6	57.6	58.5	60.0	59.3	58.1
19:00 - 20:00	55.2	55.7	56.9	56.6	57.4	56.4	56.1
20:00 - 21:00	54.6	55.2	56.2	56.6	57.7	56.0	55.7
21:00 - 22:00	53.6	55.1	56.4	55.2	56.4	55.3	55.7
22:00 - 23:00	54.1	54.7	56.3	54.5	55.5	54.7	54.7
23:00 - 00:00	52.7	52.7	53.0	52.9	54.3	54.5	53.8
00:00 - 01:00	52.1	52.5	52.7	52.4	53.6	53.1	52.2
01:00 - 02:00	52.4	52.3	53.2	51.7	52.6	52.8	52.0
02:00 - 03:00	51.3	51.1	52.0	51.7	52.1	52.3	50.8
03:00 - 04:00	51.0	51.1	52.2	52.1	53.2	52.2	64.4
04:00 - 05:00	52.4	52.1	52.8	53.1	55.6	56.0	53.4
05:00 - 06:00	54.8	54.7	55.7	55.8	56.7	56.8	54.7
06:00 - 07:00	57.0	56.4	57.7	59.2	58.4	58.8	58.2
07:00 - 08:00	58.7	56.7	58.1	59.1	60.2	59.4	59.6
08:00 - 09:00	57.6	56.7	57.9	56.9	59.4	57.6	57.6
09:00 - 10:00	55.6	57.2	58.7	55.9	57.6	56.6	57.2
10:00 - 11:00	57.4	56.4	57.7	56.0	57.2	56.8	57.2
11:00 - 12:00	57.1	56.2	59.6	58.0	57.9	58.9	56.1
12:00 - 13:00	55.4	60.3	58.9	58.8	57.7	59.0	55.6
13:00 - 14:00	56.2	58.2	58.2	57.4	57.9	57.3	53.5
Leq(24)*	56.9	56.1	57.0	57.1	57.9	57.1	57.3
Ldn	61.0	60.6	61.5	61.6	62.3	62.0	63.8
Lmax **	109.7	106.9	98.9	106.0	104.9	94.0	109.3
Standard-24Hr	70 dB(A)						
Standard-Max	115 dB(A)						

Remark : * Average time between 14:00-14:00

** Maximum Sound Pressure Level between 14:00-14:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Background Noise

MTR-TNC

Location : Ban Pluak Kate				Monitor Period : 04-11 Jun 2026			
SLM Model : Cirrus CR162C				Serial No : G300832			
Site Operator : Mr. Siwanon Kulawong							
Calibrator Model : Cirrus CR:515				Serial No : 97097			
Calibration Ref dB(A) : 94.0				Certified Date : 14 Oct 2025			
SLM Reading / Adjust dB(A) : 93.6/0.1				Expire Date : 13 Oct 2026			
Cal Sheet No.: CR-515-2026-152							
Time	L90 (dB(A))						
	04-05 Jun 2026	05-06 Jun 2026	06-07 Jun 2026	07-08 Jun 2026	08-09 Jun 2026	09-10 Jun 2026	10-11 Jun 2026
14:00 - 15:00	53.9	53.7	55.3	55.7	54.6	53.8	53.8
15:00 - 16:00	53.5	53.8	54.9	57.8	57.4	55.4	54.5
16:00 - 17:00	53.7	55.0	54.6	55.2	58.1	55.4	54.8
17:00 - 18:00	54.0	55.3	55.3	54.2	57.2	55.6	55.3
18:00 - 19:00	53.3	54.8	54.2	54.3	56.2	54.7	54.3
19:00 - 20:00	51.9	52.4	52.9	52.1	54.3	52.6	52.7
20:00 - 21:00	51.1	51.9	52.9	52.4	54.8	52.6	52.3
21:00 - 22:00	50.3	52.6	52.5	51.7	53.1	51.1	52.2
22:00 - 23:00	50.2	51.4	51.3	50.8	52.5	51.7	51.1
23:00 - 00:00	50.1	49.7	49.3	49.3	51.2	51.0	50.7
00:00 - 01:00	49.1	49.5	49.0	48.3	50.1	50.0	48.9
01:00 - 02:00	48.9	48.9	49.8	49.1	49.6	49.2	48.7
02:00 - 03:00	48.4	48.3	48.8	49.1	49.4	49.1	48.3
03:00 - 04:00	48.3	48.3	48.5	48.4	49.5	49.0	48.5
04:00 - 05:00	49.3	48.9	49.5	49.6	51.2	50.5	48.6
05:00 - 06:00	50.7	50.5	51.7	51.6	52.7	51.7	49.8
06:00 - 07:00	53.2	53.3	53.2	55.5	54.9	54.4	53.6
07:00 - 08:00	55.5	53.2	54.0	55.8	57.2	56.5	56.3
08:00 - 09:00	53.6	53.3	54.1	54.7	55.7	54.0	53.9
09:00 - 10:00	52.5	53.0	54.5	53.7	54.3	53.0	53.3
10:00 - 11:00	53.5	53.2	54.1	53.8	53.9	53.2	53.3
11:00 - 12:00	54.4	52.9	55.3	54.1	54.5	54.4	52.7
12:00 - 13:00	52.0	56.1	55.7	55.5	54.5	54.8	51.7
13:00 - 14:00	52.1	55.9	54.8	54.5	54.7	54.0	51.2
L90(avg)*	52.3	52.9	53.3	53.6	54.5	53.3	52.7

Remark : * Average time between 14:00-14:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team