

ภาคผนวก ค

ใบรายงานผลการวิเคราะห์

ภาคผนวก ค-1 ใบรายงานผลการวิเคราะห์คุณภาพอากาศในบรรยากาศ

ภาคผนวก ค-2 ใบรายงานผลการวิเคราะห์ทิศทางลม

ภาคผนวก ค-3 ใบรายงานผลการวิเคราะห์ระดับเสียงโดยทั่วไป

ภาคผนวก ค-4 ใบรายงานผลการวิเคราะห์ความสั่นสะเทือน

ภาคผนวก ค-5 ใบรายงานผลการวิเคราะห์คุณภาพน้ำใต้ดิน

ภาคผนวก ค-6 ใบรายงานผลการวิเคราะห์คุณภาพน้ำผิวดิน

ภาคผนวก ค-1

ใบรายงานผลการวิเคราะห์คุณภาพอากาศในบรรยากาศ

ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED

ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260

CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : Chod.pa@tpipolene.co.th

SAMPLING SOURCE : PRATATCHAREONTHAM TEMPLE ตำแหน่งพิกัดของสถานีตรวจวัด : 14.631333, 101.108201
ตำแหน่งพิกัด UTM ของสถานี : 727076E, 1618606N

SAMPLE TYPE : AMBIENT **RECEIVED DATE** : NOVEMBER 11, 2025

SAMPLING DATE : *, **, *** **ANALYTICAL DATE** : NOVEMBER 11-17, 2025

SAMPLING TIME : *, **, *** **ISSUE DATE** : NOVEMBER 19, 2025

SAMPLING BY : MR DANUPORN KONGSRI **REPORT NO.** : 2025-U105407

ANALYZED BY : MISS JETJARIN TUMSA-AT **WORK NO.** : 2024-011046

ANALYSIS NO. : T25AZ458-0007 - T25AZ458-0009

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			REGULATORY STANDARD
			PRATATCHAREONTHAM TEMPLE			
			* T25AZ458-0007	** T25AZ458-0008	*** T25AZ458-0009	
TOTAL SUSPENDED PARTICULATE MATTER	mg/m³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.	0.0480	0.0357	0.0278	≤ 0.33
PARTICULATE MATTER as PM10 (≤ 10 µm)	mg/m³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.	0.0112	0.0210	0.0129	≤ 0.12
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE	

REMARK

TSP, PM10 : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.

REGULATORY STANDARD(TSP, PM10) : ANNOUNCEMENT OF THE NATIONAL ENVIRONMENT BOARD BOARD NO.24, B.E.2547 (2004)
ON THE SPECIFICATION OF AMBIENT AIR QUALITY STANDARDS, PUBLISHED IN THE ROYAL
GOVERNMENT GAZETTE, VOL 121, PART 104 D, DATED SEPTEMBER 22, 2004.

* : SAMPLING FROM 10:30 HOUR ON NOVEMBER 2, 2025 TO 10:30 HOUR ON NOVEMBER 3, 2025.

** : SAMPLING FROM 10:30 HOUR ON NOVEMBER 3, 2025 TO 10:30 HOUR ON NOVEMBER 4, 2025.

*** : SAMPLING FROM 10:30 HOUR ON NOVEMBER 4, 2025 TO 10:30 HOUR ON NOVEMBER 5, 2025.

Budsakorn ✓

(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : Chod.pa@tpipolene.co.th
SAMPLING SOURCE : PRATATCHAREONTHAM TEMPLE ตำแหน่งพิกัดของสถานีตรวจวัด : 14.631333, 101.108201
ตำแหน่งพิกัด UTM ของสถานี : 727076E, 1618606N
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *
SAMPLING TIME : *
SAMPLING BY : MR DANUPORN KONGSRI
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : NOVEMBER 11, 2025
ANALYTICAL DATE : NOVEMBER 11-17, 2025
ISSUE DATE : NOVEMBER 19, 2025
REPORT NO. : 2025-U105414
WORK NO. : 2024-011046
ANALYSIS NO. : T25AZ458-0007 - T25AZ458-0009

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
			PRATATCHAREONTHAM TEMPLE T25AZ458-0007 - T25AZ458-0009
AVERAGE OF TOTAL SUSPENDED PARTICULATE MATTER	mg/m ³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021 AND CALCULATION	0.0372
AVERAGE OF PARTICULATE MATTER as PM10 (≤ 10 µm)	mg/m ³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021 AND CALCULATION	0.0150
SAMPLE CONDITION			COMPLETE

REMARK

TSP, PM10 : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.
* : SAMPLING FROM 10:30 HOUR ON NOVEMBER 2, 2025 TO 10:30 HOUR ON NOVEMBER 5, 2025.

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ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : Chod.pa@tpipolene.co.th
SAMPLING SOURCE : บ้านชัยบ่อนพัฒนา ตำแหน่งพิกัดของสถานีตรวจวัด : 14.635760, 101.125087
ตำแหน่งพิกัด UTM ของสถานี : 728891E, 1619113N
SAMPLE TYPE : AMBIENT **RECEIVED DATE** : NOVEMBER 11, 2025
SAMPLING DATE : *, **, *** **ANALYTICAL DATE** : NOVEMBER 11-17, 2025
SAMPLING TIME : *, **, *** **ISSUE DATE** : NOVEMBER 19, 2025
SAMPLING BY : MR DANUPORN KONGSRI **REPORT NO.** : 2025-U105409
ANALYZED BY : MISS JETJARIN TUMSA-AT **WORK NO.** : 2024-011046
ANALYSIS NO. : T25AZ458-0010 - T25AZ458-0012

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			REGULATORY STANDARD
			บ้านชัยบ่อนพัฒนา			
			* T25AZ458-0010	** T25AZ458-0011	*** T25AZ458-0012	
TOTAL SUSPENDED PARTICULATE MATTER	mg/m³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.	0.0406	0.0637	0.0540	≤ 0.33
PARTICULATE MATTER as PM10 (≤ 10 µm)	mg/m³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.	0.0163	0.0357	0.0268	≤ 0.12
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE	

REMARK

TSP, PM10 : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.

REGULATORY STANDARD(TSP, PM10) : ANNOUNCEMENT OF THE NATIONAL ENVIRONMENT BOARD BOARD NO.24, B.E.2547 (2004)
ON THE SPECIFICATION OF AMBIENT AIR QUALITY STANDARDS, PUBLISHED IN THE ROYAL
GOVERNMENT GAZETTE, VOL 121, PART 104 D, DATED SEPTEMBER 22, 2004.

* : SAMPLING FROM 10:00 HOUR ON NOVEMBER 2, 2025 TO 10:00 HOUR ON NOVEMBER 3, 2025.

** : SAMPLING FROM 10:00 HOUR ON NOVEMBER 3, 2025 TO 10:00 HOUR ON NOVEMBER 4, 2025.

*** : SAMPLING FROM 10:00 HOUR ON NOVEMBER 4, 2025 TO 10:00 HOUR ON NOVEMBER 5, 2025.

Budsakorn ✓

(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR




ANALYSIS REPORT

CUSTOMER NAME	: TPI POLENE PUBLIC COMPANY LIMITED	RECEIVED DATE	: NOVEMBER 11, 2025
ADDRESS	: 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260	ANALYTICAL DATE	: NOVEMBER 11-17, 2025
CONTACT INFORMATION	: TEL : 06 4294 9161 e-mail : Chod.pa@tpipolene.co.th	ISSUE DATE	: NOVEMBER 19, 2025
SAMPLING SOURCE	: บ้านชัยบอนพัฒนา ตำบลหนองพิกัดของสถานีตรวจวัด : 14.635760, 101.125087 ตำบลหนองพิกัด UTM ของสถานี : 728891E, 1619113N	REPORT NO.	: 2025-U105415
SAMPLE TYPE	: AMBIENT	WORK NO.	: 2024-011046
SAMPLING DATE	: *	ANALYSIS NO.	: T25AZ458-0010 - T25AZ458-0012
SAMPLING TIME	: *		
SAMPLING BY	: MR DANUPORN KONGSRI		
ANALYZED BY	: MISS JETJARIN TUMSA-AT		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
			บ้านชัยบอนพัฒนา T25AZ458-0010 - T25AZ458-0012
AVERAGE OF TOTAL SUSPENDED PARTICULATE MATTER	mg/m ³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021 AND CALCULATION	0.0528
AVERAGE OF PARTICULATE MATTER as PM10 (≤ 10 µm)	mg/m ³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021 AND CALCULATION	0.0263
SAMPLE CONDITION			COMPLETE

REMARK

TSP, PM10 : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.
* : SAMPLING FROM 10:00 HOUR ON NOVEMBER 2, 2025 TO 10:00 HOUR ON NOVEMBER 5, 2025.


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(MISS BUDSAKORN LERDPNUMAS)
LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED

ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260

CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : Chod.pa@tpipolene.co.th

SAMPLING SOURCE : TUBKWANG RESEARCH CENTER ตำแหน่งพิกัดของสถานีตรวจวัด : 14.484403, 100.965488
ตำแหน่งพิกัด UTM ของสถานี : 711839E, 1602209N

SAMPLE TYPE : AMBIENT **RECEIVED DATE** : NOVEMBER 11, 2025

SAMPLING DATE : *, **, *** **ANALYTICAL DATE** : NOVEMBER 11-17, 2025

SAMPLING TIME : *, **, *** **ISSUE DATE** : NOVEMBER 19, 2025

SAMPLING BY : MR PAIRAT KUMNERDRAKSA **REPORT NO.** : 2025-U105328

ANALYZED BY : MISS JETJARIN TUMSA-AT **WORK NO.** : 2024-011046

ANALYSIS NO. : T25AZ456-0001 - T25AZ456-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			REGULATORY STANDARD
			TUBKWANG RESEARCH CENTER			
			* T25AZ456-0001	** T25AZ456-0002	*** T25AZ456-0003	
TOTAL SUSPENDED PARTICULATE MATTER	mg/m³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.	0.0767	0.0478	0.0593	≤ 0.33
PARTICULATE MATTER as PM10 (≤ 10 µm)	mg/m³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.	0.0241	0.0124	0.0162	≤ 0.12
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE	

REMARK

TSP, PM10 : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.

REGULATORY STANDARD(TSP, PM10) : ANNOUNCEMENT OF THE NATIONAL ENVIRONMENT BOARD BOARD NO.24, B.E.2547 (2004)
ON THE SPECIFICATION OF AMBIENT AIR QUALITY STANDARDS, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 121, PART 104 D, DATED SEPTEMBER 22, 2004.

* : SAMPLING FROM 10:00 HOUR ON NOVEMBER 6, 2025 TO 10:00 HOUR ON NOVEMBER 7, 2025.

** : SAMPLING FROM 10:00 HOUR ON NOVEMBER 7, 2025 TO 10:00 HOUR ON NOVEMBER 8, 2025.

*** : SAMPLING FROM 10:00 HOUR ON NOVEMBER 8, 2025 TO 10:00 HOUR ON NOVEMBER 9, 2025.

Budsakorn ✓

(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : Chod.pa@tpipolene.co.th
SAMPLING SOURCE : TUBKWANG RESEARCH CENTER ตำแหน่งพิกัดของสถานีตรวจวัด : 14.484403, 100.965488
ตำแหน่งพิกัด UTM ของสถานี : 711839E, 1602209N
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *
SAMPLING TIME : *
SAMPLING BY : MR PAIRAT KUMNERDRAKSA
ANALYZED BY : MISS JETJARIN TUMSA-AT

RECEIVED DATE : NOVEMBER 11, 2025
ANALYTICAL DATE : NOVEMBER 11-17, 2025
ISSUE DATE : NOVEMBER 19, 2025
REPORT NO. : 2025-U105345
WORK NO. : 2024-011046
ANALYSIS NO. : T25AZ456-0001 - T25AZ456-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
			TUBKWANG RESEARCH CENTER T25AZ456-0001 - T25AZ456-0003
AVERAGE OF TOTAL SUSPENDED PARTICULATE MATTER	mg/m ³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021 AND CALCULATION	0.0613
AVERAGE OF PARTICULATE MATTER as PM10 (≤ 10 µm)	mg/m ³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021 AND CALCULATION	0.0176
SAMPLE CONDITION			COMPLETE

REMARK

TSP, PM10 : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.
* : SAMPLING FROM 10:00 HOUR ON NOVEMBER 6, 2025 TO 10:00 HOUR ON NOVEMBER 9, 2025.

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ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED

ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260

CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : Chod.pa@tpipolene.co.th

SAMPLING SOURCE : TAM NAKARAT TEMPLE ตำแหน่งพิกัดของสถานีตรวจวัด : 14.604604, 101.103204
ตำแหน่งพิกัด UTM ของสถานี : 726565E, 1615643N

SAMPLE TYPE : AMBIENT **RECEIVED DATE** : NOVEMBER 11, 2025

SAMPLING DATE : *, **, *** **ANALYTICAL DATE** : NOVEMBER 11-17, 2025

SAMPLING TIME : *, **, *** **ISSUE DATE** : NOVEMBER 19, 2025

SAMPLING BY : MR PAIRAT KUMNERDRAKSA **REPORT NO.** : 2025-U105330

ANALYZED BY : MISS JETJARIN TUMSA-AT **WORK NO.** : 2024-011046

ANALYSIS NO. : T25AZ456-0004 - T25AZ456-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			REGULATORY STANDARD
			TAM NAKARAT TEMPLE			
			* T25AZ456-0004	** T25AZ456-0005	*** T25AZ456-0006	
TOTAL SUSPENDED PARTICULATE MATTER	mg/m³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.	0.0707	0.0428	0.0531	≤ 0.33
PARTICULATE MATTER as PM10 (≤ 10 µm)	mg/m³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.	0.0194	0.0177	0.0155	≤ 0.12
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE	

REMARK

TSP, PM₁₀ : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.

REGULATORY STANDARD(TSP, PM₁₀) : ANNOUNCEMENT OF THE NATIONAL ENVIRONMENT BOARD BOARD NO.24, B.E.2547 (2004)
ON THE SPECIFICATION OF AMBIENT AIR QUALITY STANDARDS, PUBLISHED IN THE ROYAL
GOVERNMENT GAZETTE, VOL 121, PART 104 D, DATED SEPTEMBER 22, 2004.

* : SAMPLING FROM 09:00 HOUR ON NOVEMBER 6, 2025 TO 09:00 HOUR ON NOVEMBER 7, 2025.

** : SAMPLING FROM 09:00 HOUR ON NOVEMBER 7, 2025 TO 09:00 HOUR ON NOVEMBER 8, 2025.

*** : SAMPLING FROM 09:00 HOUR ON NOVEMBER 8, 2025 TO 09:00 HOUR ON NOVEMBER 9, 2025.

Budsakorn ✓

(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR




ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED
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CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : Chod.pa@tpipolene.co.th
SAMPLING SOURCE : TAM NAKARAT TEMPLE ตำแหน่งพิกัดของสถานีตรวจวัด : 14.604604, 101.103204
ตำแหน่งพิกัด UTM ของสถานี : 726565E, 1615643N
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *
SAMPLING TIME : *
SAMPLING BY : MR PAIRAT KUMNERDRAKSA
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : NOVEMBER 11, 2025
ANALYTICAL DATE : NOVEMBER 11-17, 2025
ISSUE DATE : NOVEMBER 19, 2025
REPORT NO. : 2025-U105346
WORK NO. : 2024-011046
ANALYSIS NO. : T25AZ456-0004 - T25AZ456-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
			TAM NAKARAT TEMPLE T25AZ456-0004 - T25AZ456-0006
AVERAGE OF TOTAL SUSPENDED PARTICULATE MATTER	mg/m ³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021 AND CALCULATION	0.0555
AVERAGE OF PARTICULATE MATTER as PM10 (≤ 10 µm)	mg/m ³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021 AND CALCULATION	0.0175
SAMPLE CONDITION			COMPLETE

REMARK
TSP, PM10 : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.
* : SAMPLING FROM 09:00 HOUR ON NOVEMBER 6, 2025 TO 09:00 HOUR ON NOVEMBER 9, 2025.


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(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : Chod.pa@tpipolene.co.th
SAMPLING SOURCE : เกษตรสัมพันธ์ ตำแหน่งพิกัดของสถานีตรวจวัด : 14.600339, 101.116164
ตำแหน่งพิกัด UTM ของสถานี : 727966E, 1615184N
SAMPLE TYPE : AMBIENT **RECEIVED DATE** : NOVEMBER 11, 2025
SAMPLING DATE : *, **, *** **ANALYTICAL DATE** : NOVEMBER 11-17, 2025
SAMPLING TIME : *, **, *** **ISSUE DATE** : NOVEMBER 19, 2025
SAMPLING BY : MR PAIRAT KUMNERDRAKSA **REPORT NO.** : 2025-U105340
ANALYZED BY : MISS JETJARIN TUMSA-AT **WORK NO.** : 2024-011046
ANALYSIS NO. : T25AZ456-0013 - T25AZ456-0015

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			REGULATORY STANDARD
			เกษตรสัมพันธ์			
			* T25AZ456-0013	** T25AZ456-0014	*** T25AZ456-0015	
TOTAL SUSPENDED PARTICULATE MATTER	mg/m³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.	0.0971	0.0588	0.0649	≤ 0.33
PARTICULATE MATTER as PM10 (≤ 10 µm)	mg/m³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.	0.0780	0.0365	0.0526	≤ 0.12
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE	

REMARK

TSP, PM₁₀ : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.

REGULATORY STANDARD(TSP, PM₁₀) : ANNOUNCEMENT OF THE NATIONAL ENVIRONMENT BOARD BOARD NO.24, B.E.2547 (2004)
ON THE SPECIFICATION OF AMBIENT AIR QUALITY STANDARDS, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 121, PART 104 D, DATED SEPTEMBER 22, 2004.

- * : SAMPLING FROM 09:30 HOUR ON NOVEMBER 6, 2025 TO 09:30 HOUR ON NOVEMBER 7, 2025.
** : SAMPLING FROM 09:30 HOUR ON NOVEMBER 7, 2025 TO 09:30 HOUR ON NOVEMBER 8, 2025.
*** : SAMPLING FROM 09:30 HOUR ON NOVEMBER 8, 2025 TO 09:30 HOUR ON NOVEMBER 9, 2025.

Budsakorn ✓

(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : Chod.pa@tpipolene.co.th
SAMPLING SOURCE : เกษตรสัมพันธ์ ตำแหน่งฟักัดของสถานีตรวจวัด : 14.600339, 101.116164
ตำแหน่งฟักัด UTM ของสถานี : 727966E, 1615184N
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *
SAMPLING TIME : *
SAMPLING BY : MR PAIRAT KUMNERDRAKSA
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : NOVEMBER 11, 2025
ANALYTICAL DATE : NOVEMBER 11-17, 2025
ISSUE DATE : NOVEMBER 19, 2025
REPORT NO. : 2025-U105351
WORK NO. : 2024-011046
ANALYSIS NO. : T25AZ456-0013 - T25AZ456-0015

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
			เกษตรสัมพันธ์ T25AZ456-0013 - T25AZ456-0015
AVERAGE OF TOTAL SUSPENDED PARTICULATE MATTER	mg/m ³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021 AND CALCULATION	0.0736
AVERAGE OF PARTICULATE MATTER as PM10 (≤ 10 µm)	mg/m ³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021 AND CALCULATION	0.0557
SAMPLE CONDITION			COMPLETE

REMARK

TSP, PM10 : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.
* : SAMPLING FROM 09:30 HOUR ON NOVEMBER 6, 2025 TO 09:30 HOUR ON NOVEMBER 9, 2025.

Budsakorn ✓
.....
(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED

ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260

CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : Chod.pa@tpipolene.co.th

SAMPLING SOURCE : บ้านไทรงาม ตำแหน่งพิกัดของสถานีตรวจวัด : 14.619630, 101.140996
ตำแหน่งพิกัด UTM ของสถานี : 730622E, 1617344N

SAMPLE TYPE : AMBIENT **RECEIVED DATE** : NOVEMBER 11, 2025

SAMPLING DATE : *, **, *** **ANALYTICAL DATE** : NOVEMBER 11-17, 2025

SAMPLING TIME : *, **, *** **ISSUE DATE** : NOVEMBER 19, 2025

SAMPLING BY : MR PAIRAT KUMNERDRAKSA **REPORT NO.** : 2025-U105344

ANALYZED BY : MISS JETJARIN TUMSA-AT **WORK NO.** : 2024-011046

ANALYSIS NO. : T25AZ456-0019 - T25AZ456-0021

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			REGULATORY STANDARD
			บ้านไทรงาม			
			* T25AZ456-0019	** T25AZ456-0020	*** T25AZ456-0021	
TOTAL SUSPENDED PARTICULATE MATTER	mg/m³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.	0.0264	0.0209	0.0198	≤ 0.33
PARTICULATE MATTER as PM10 (≤ 10 µm)	mg/m³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.	0.0115	0.0101	0.0088	≤ 0.12
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE	

REMARK

TSP, PM₁₀ : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.

REGULATORY STANDARD(TSP, PM₁₀) : ANNOUNCEMENT OF THE NATIONAL ENVIRONMENT BOARD BOARD NO.24, B.E.2547 (2004) ON THE SPECIFICATION OF AMBIENT AIR QUALITY STANDARDS, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 121, PART 104 D, DATED SEPTEMBER 22, 2004.

* : SAMPLING FROM 09:00 HOUR ON NOVEMBER 2, 2025 TO 09:00 HOUR ON NOVEMBER 3, 2025.

** : SAMPLING FROM 09:00 HOUR ON NOVEMBER 3, 2025 TO 09:00 HOUR ON NOVEMBER 4, 2025.

*** : SAMPLING FROM 09:00 HOUR ON NOVEMBER 4, 2025 TO 09:00 HOUR ON NOVEMBER 5, 2025.

Budsakorn ✓

(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR




ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : Chod.pa@tpipolene.co.th
SAMPLING SOURCE : บ้านไทรงาม ตำบลพิกัดของสถานีตรวจวัด : 14.619630, 101.140996
ตำแหน่งพิกัด UTM ของสถานี : 730622E, 1617344N
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *
SAMPLING TIME : *
SAMPLING BY : MR PAIRAT KUMNERDRAKSA
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : NOVEMBER 11, 2025
ANALYTICAL DATE : NOVEMBER 11-17, 2025
ISSUE DATE : NOVEMBER 19, 2025
REPORT NO. : 2025-U105354
WORK NO. : 2024-011046
ANALYSIS NO. : T25AZ456-0019 - T25AZ456-0021

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
			บ้านไทรงาม T25AZ456-0019 - T25AZ456-0021
AVERAGE OF TOTAL SUSPENDED PARTICULATE MATTER	mg/m ³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021 AND CALCULATION	0.0224
AVERAGE OF PARTICULATE MATTER as PM10 (≤ 10 µm)	mg/m ³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021 AND CALCULATION	0.0101
SAMPLE CONDITION			COMPLETE

REMARK

TSP, PM10 : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.
* : SAMPLING FROM 09:00 HOUR ON NOVEMBER 2, 2025 TO 09:00 HOUR ON NOVEMBER 5, 2025.


(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR



ภาคผนวก ค-2

ใบรายงานผลการวิเคราะห์ทิศทางลม

ANALYSIS REPORT

CUSTOMER NAME	: TPI POLENE PUBLIC COMPANY LIMITED	RECEIVED DATE	: NOVEMBER 2-5, 2025
ADDRESS	: 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260	ANALYTICAL DATE	: NOVEMBER 2-5, 2025
CONTACT INFORMATION	: TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com	ISSUE DATE	: NOVEMBER 18, 2025
MEASURING PLACE	: PRATATCHAREONTHAM TEMPLE	REPORT NO.	: 2025-U104552
MEASURING TYPE	: AMBIENT (AIR)	WORK NO.	: 2024-011046
MEASURING DATE	: NOVEMBER 2-5, 2025	ANALYSIS NO.	: T25AZ458-0007 - T25AZ458-0009
MEASURING TIME	: *		
MEASURING EQUIPMENT	: WIND SPEED & WIND DIRECTION EQUIPMENT		
MEASURED BY	: MR DANUPORN KONGSRI		

RESULT (m/s)

PRATATCHAREONTHAM TEMPLE

TIME*	NOVEMBER 2-3, 2025		NOVEMBER 3-4, 2025		NOVEMBER 4-5, 2025	
	T25AZ458-0007		T25AZ458-0008		T25AZ458-0009	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	1.8	SSE	2.4	ESE	0.6	WNW
08:00-09:00 HOUR	1.7	WNW	1.2	SE	2.3	E
09:00-10:00 HOUR	1.2	W	1.0	NW	1.1	W
10:00-11:00 HOUR	2.4	WSW	1.5	WNW	2.8	WNW
11:00-12:00 HOUR	2.6	NNW	0.5	NW	1.5	WNW
12:00-13:00 HOUR	2.1	NW	0.7	N	0.8	N
13:00-14:00 HOUR	2.1	NW	0.5	NNW	1.1	NW
14:00-15:00 HOUR	0.8	NNW	2.5	NW	1.2	NW
15:00-16:00 HOUR	2.4	NNW	0.8	NW	0.7	W
16:00-17:00 HOUR	2.2	WNW	1.7	E	1.7	NE
17:00-18:00 HOUR	2.7	WNW	2.2	NNW	2.4	WNW
18:00-19:00 HOUR	0.5	W	1.2	WNW	2.6	NNW
19:00-20:00 HOUR	1.6	NNW	2.0	N	0.8	WNW
20:00-21:00 HOUR	1.0	W	0.5	ESE	0.9	WNW
21:00-22:00 HOUR	1.1	SE	1.3	E	1.0	WNW
22:00-23:00 HOUR	0.9	SSE	2.3	N	1.5	NE
23:00-00:00 HOUR	1.7	NW	0.8	NW	1.4	WNW
00:00-01:00 HOUR	2.0	NW	2.9	W	2.6	SE
01:00-02:00 HOUR	2.7	E	1.3	NNW	2.9	NNW
02:00-03:00 HOUR	1.5	S	1.9	NNW	1.3	W
03:00-04:00 HOUR	1.2	WNW	0.5	WNW	2.5	NNW
04:00-05:00 HOUR	0.5	NNW	1.6	NW	0.6	NNW
05:00-06:00 HOUR	2.8	N	2.0	NW	1.4	W
06:00-07:00 HOUR	0.7	WNW	1.1	W	1.2	NNE
AVERAGE	1.7	-	1.4	-	1.5	-

ตำแหน่งพิกัดของสถานีตรวจวัด : 14.631333, 101.108201

ตำแหน่งพิกัด UTM ของสถานี : 727076E, 1618606N



(MR SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR



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ANALYSIS REPORT

CUSTOMER NAME	: TPI POLENE PUBLIC COMPANY LIMITED	RECEIVED DATE	: NOVEMBER 2-5, 2025
ADDRESS	: 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260	ANALYTICAL DATE	: NOVEMBER 2-5, 2025
CONTACT INFORMATION	: TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com	ISSUE DATE	: NOVEMBER 18, 2025
MEASURING PLACE	: SUB-BON PHATTHANA COMMUNITY	REPORT NO.	: 2025-U104553
MEASURING TYPE	: AMBIENT (AIR)	WORK NO.	: 2024-011046
MEASURING DATE	: NOVEMBER 2-5, 2025	ANALYSIS NO.	: T25AZ458-0010 - T25AZ458-0012
MEASURING TIME	: *		
MEASURING EQUIPMENT	: WIND SPEED & WIND DIRECTION EQUIPMENT		
MEASURED BY	: MR DANUPORN KONGSRI		

RESULT (m/s)

SUB-BON PHATTHANA COMMUNITY

TIME*	NOVEMBER 2-3, 2025		NOVEMBER 3-4, 2025		NOVEMBER 4-5, 2025	
	T25AZ458-0010		T25AZ458-00011		T25AZ458-00012	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	2.9	W	2.3	NW	2.6	N
08:00-09:00 HOUR	2.5	W	2.1	WNW	1.8	NW
09:00-10:00 HOUR	2.0	NNW	2.4	NNW	1.6	WNW
10:00-11:00 HOUR	1.1	W	1.0	WNW	1.3	NNW
11:00-12:00 HOUR	2.2	NNW	1.5	NNW	0.9	ESE
12:00-13:00 HOUR	1.8	W	0.6	WNW	2.5	S
13:00-14:00 HOUR	2.7	NW	2.4	NNW	1.2	W
14:00-15:00 HOUR	1.7	NNW	2.9	WNW	1.3	WNW
15:00-16:00 HOUR	0.8	W	0.5	WNW	2.1	W
16:00-17:00 HOUR	2.7	N	2.0	WNW	2.6	WNW
17:00-18:00 HOUR	2.9	WNW	1.0	NW	2.3	NNW
18:00-19:00 HOUR	2.3	WNW	2.3	SE	1.5	WNW
19:00-20:00 HOUR	3.0	NW	2.5	NW	2.1	NW
20:00-21:00 HOUR	2.5	WNW	2.3	W	1.4	NW
21:00-22:00 HOUR	0.5	N	1.7	W	1.0	WNW
22:00-23:00 HOUR	1.8	NNW	1.1	NW	1.3	NW
23:00-00:00 HOUR	1.6	NW	3.0	NE	2.7	NNW
00:00-01:00 HOUR	0.5	NW	2.4	NNE	1.3	ESE
01:00-02:00 HOUR	1.5	NW	1.0	NNW	2.9	WNW
02:00-03:00 HOUR	2.0	E	1.9	NNW	3.0	WNW
03:00-04:00 HOUR	3.0	ENE	1.3	SSW	0.5	NNW
04:00-05:00 HOUR	2.3	NNW	3.0	NW	2.3	N
05:00-06:00 HOUR	2.2	WNW	1.1	WNW	1.3	WNW
06:00-07:00 HOUR	0.9	N	2.3	WNW	2.6	N
AVERAGE	2.0	-	1.9	-	1.8	-

ตำแหน่งพิกัดของสถานีตรวจวัด : 14.636100, 101.124543

ตำแหน่งพิกัด UTM ของสถานี : 728832E, 1619150N



(MR SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR



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ANALYSIS REPORT

CUSTOMER NAME	: TPI POLENE PUBLIC COMPANY LIMITED	RECEIVED DATE	: NOVEMBER 6-9, 2025
ADDRESS	: 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260	ANALYTICAL DATE	: NOVEMBER 6-9, 2025
CONTACT INFORMATION	: TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com	ISSUE DATE	: NOVEMBER 18, 2025
MEASURING PLACE	: TUBKWANG RESEARCH CENTER	REPORT NO.	: 2025-U104543
MEASURING TYPE	: AMBIENT (AIR)	WORK NO.	: 2024-011046
MEASURING DATE	: NOVEMBER 6-9, 2025	ANALYSIS NO.	: T25AZ456-0001 - T25AZ456-0003
MEASURING TIME	: *		
MEASURING EQUIPMENT	: WIND SPEED & WIND DIRECTION EQUIPMENT		
MEASURED BY	: MR PAIRAT KUMNERDRAKSA		

RESULT (m/s)

TIME*	TUBKWANG RESEARCH CENTER					
	NOVEMBER 6-7, 2025		NOVEMBER 7-8, 2025		NOVEMBER 8-9, 2025	
	T25AZ456-0001		T25AZ456-0002		T25AZ456-0003	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	3.7	NW	3.6	NNW	3.3	NW
08:00-09:00 HOUR	2.4	NNW	3.7	W	2.7	NW
09:00-10:00 HOUR	2.1	NNW	3.8	NNW	2.1	NNW
10:00-11:00 HOUR	1.2	WNW	3.2	NNE	2.5	NW
11:00-12:00 HOUR	1.5	NW	2.8	NW	3.0	W
12:00-13:00 HOUR	2.0	NNW	2.8	N	3.7	WNW
13:00-14:00 HOUR	1.5	N	2.4	WNW	4.8	WNW
14:00-15:00 HOUR	1.9	N	2.9	NNE	4.8	NW
15:00-16:00 HOUR	2.3	N	2.0	WNW	3.4	NW
16:00-17:00 HOUR	3.3	NW	3.3	N	4.1	WNW
17:00-18:00 HOUR	3.2	NW	2.3	ENE	3.3	NNW
18:00-19:00 HOUR	2.3	NW	3.1	NNE	3.8	WNW
19:00-20:00 HOUR	3.3	N	3.5	NE	2.7	N
20:00-21:00 HOUR	2.5	NNW	3.3	NNW	3.6	NE
21:00-22:00 HOUR	4.1	WNW	2.7	N	3.2	NNE
22:00-23:00 HOUR	4.4	NNW	3.5	NNW	2.6	NNE
23:00-00:00 HOUR	3.2	WNW	4.7	NW	1.7	ENE
00:00-01:00 HOUR	3.6	N	5.3	NW	1.3	ENE
01:00-02:00 HOUR	4.7	N	4.8	WNW	1.2	NE
02:00-03:00 HOUR	4.3	NNE	5.4	NW	0.9	NE
03:00-04:00 HOUR	3.9	NW	5.9	WNW	1.5	NNE
04:00-05:00 HOUR	3.4	NE	5.1	NW	2.0	ENE
05:00-06:00 HOUR	4.2	WNW	4.1	NW	1.9	NW
06:00-07:00 HOUR	2.5	NW	3.0	NW	1.6	NNW
AVERAGE	3.0	-	3.6	-	2.7	-

ตำแหน่งพิกัดของสถานีตรวจวัด : 14.484403, 100.965488

ตำแหน่งพิกัด UTM ของสถานี : 711839E, 1602209N



(MR SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR



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ANALYSIS REPORT

CUSTOMER NAME	: TPI POLENE PUBLIC COMPANY LIMITED	RECEIVED DATE	: NOVEMBER 6-9, 2025
ADDRESS	: 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260	ANALYTICAL DATE	: NOVEMBER 6-9, 2025
CONTACT INFORMATION	: TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com	ISSUE DATE	: NOVEMBER 18, 2025
MEASURING PLACE	: TAM NAKARAT TEMPLE	REPORT NO.	: 2025-U104544
MEASURING TYPE	: AMBIENT (AIR)	WORK NO.	: 2024-011046
MEASURING DATE	: NOVEMBER 6-9, 2025	ANALYSIS NO.	: T25AZ456-0004 - T25AZ456-0006
MEASURING TIME	: *		
MEASURING EQUIPMENT	: WIND SPEED & WIND DIRECTION EQUIPMENT		
MEASURED BY	: MR PAIRAT KUMNERDRAKSA		

RESULT (m/s)

TAM NAKARAT TEMPLE

TIME*	NOVEMBER 6-7, 2025		NOVEMBER 7-8, 2025		NOVEMBER 8-9, 2025	
	T25AZ456-0004		T25AZ456-0005		T25AZ456-0006	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	1.4	NNW	1.8	NNW	3.0	NW
08:00-09:00 HOUR	2.2	N	2.7	NNE	4.2	NNW
09:00-10:00 HOUR	2.9	NNE	2.8	NNE	5.0	NNE
10:00-11:00 HOUR	2.9	NNE	2.1	NE	4.3	N
11:00-12:00 HOUR	2.9	NE	2.8	N	3.6	NE
12:00-13:00 HOUR	2.9	WNW	3.1	WNW	3.3	N
13:00-14:00 HOUR	3.3	WNW	3.3	NW	2.9	NNW
14:00-15:00 HOUR	3.2	W	4.6	N	3.1	NNE
15:00-16:00 HOUR	2.3	NNW	4.9	WNW	2.7	NE
16:00-17:00 HOUR	2.0	NNW	5.7	N	2.5	NNE
17:00-18:00 HOUR	1.3	NW	5.6	NNW	3.2	N
18:00-19:00 HOUR	1.1	WNW	4.4	W	2.3	NNW
19:00-20:00 HOUR	1.0	WNW	5.8	NW	3.9	WNW
20:00-21:00 HOUR	0.7	WNW	4.4	NNE	3.1	NNW
21:00-22:00 HOUR	0.8	W	5.2	NNW	4.4	W
22:00-23:00 HOUR	1.1	W	3.9	NW	3.9	NW
23:00-00:00 HOUR	0.8	WNW	4.7	NE	5.8	NW
00:00-01:00 HOUR	1.0	WNW	3.0	N	4.1	W
01:00-02:00 HOUR	0.8	NW	3.4	NW	4.0	W
02:00-03:00 HOUR	1.0	N	3.2	NNW	3.5	NW
03:00-04:00 HOUR	1.4	NNE	3.3	NNW	3.9	WNW
04:00-05:00 HOUR	1.6	N	2.3	N	3.5	WNW
05:00-06:00 HOUR	2.3	NNW	2.6	WNW	3.5	WNW
06:00-07:00 HOUR	2.2	NNW	3.7	NW	2.1	NNE
AVERAGE	1.8	-	3.7	-	3.6	-

ตำแหน่งพิกัดของสถานีตรวจวัด : 14.604604, 101.103204

ตำแหน่งพิกัด UTM ของสถานี : 726565E, 1615643N



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ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com
MEASURING PLACE : KASETSAMPHUN CUMMUNITY
MEASURING TYPE : AMBIENT (AIR) **RECEIVED DATE** : NOVEMBER 6-9, 2025
MEASURING DATE : NOVEMBER 6-9, 2025 **ANALYTICAL DATE** : NOVEMBER 6-9, 2025
MEASURING TIME : * **ISSUE DATE** : NOVEMBER 18, 2025
MEASURING EQUIPMENT : WIND SPEED & WIND DIRECTION EQUIPMENT **REPORT NO.** : 2025-U104547
MEASURED BY : MR PAIRAT KUMNERDRAKSA **WORK NO.** : 2024-011046
ANALYSIS NO. : T25AZ456-0013 - T25AZ456-0015

RESULT (m/s)

KASETSAMPHUN CUMMUNITY

TIME*	NOVEMBER 6-7, 2025		NOVEMBER 7-8, 2025		NOVEMBER 8-9, 2025	
	T25AZ456-0013		T25AZ456-00014		T25AZ456-00015	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	3.9	N	1.4	N	3.5	WNW
08:00-09:00 HOUR	3.2	NNE	1.6	NNE	3.6	WNW
09:00-10:00 HOUR	1.7	NNW	1.0	NNW	4.4	NW
10:00-11:00 HOUR	2.1	NNE	1.5	WNW	3.2	NNW
11:00-12:00 HOUR	1.7	NNW	2.1	WNW	4.1	NW
12:00-13:00 HOUR	1.4	NE	2.8	W	3.2	N
13:00-14:00 HOUR	2.1	N	2.8	WSW	1.7	WNW
14:00-15:00 HOUR	1.5	NW	4.2	WNW	1.3	NW
15:00-16:00 HOUR	2.2	NW	4.3	W	1.4	NW
16:00-17:00 HOUR	2.0	NW	4.0	N	1.0	NE
17:00-18:00 HOUR	1.9	WNW	4.6	NNW	1.1	NE
18:00-19:00 HOUR	2.2	N	4.3	NNE	0.9	ENE
19:00-20:00 HOUR	2.7	NW	5.6	NNW	0.8	NNE
20:00-21:00 HOUR	2.3	NNW	5.4	W	1.2	NE
21:00-22:00 HOUR	3.1	WNW	4.7	NW	1.2	NE
22:00-23:00 HOUR	2.3	N	4.9	WSW	2.1	N
23:00-00:00 HOUR	3.4	NW	3.1	W	2.0	NNW
00:00-01:00 HOUR	2.6	NNW	3.9	NW	2.2	NNW
01:00-02:00 HOUR	3.7	NW	4.7	W	2.2	NW
02:00-03:00 HOUR	3.2	WNW	4.2	N	3.1	W
03:00-04:00 HOUR	2.5	NNW	3.1	N	2.8	WNW
04:00-05:00 HOUR	1.9	N	2.9	NE	3.4	W
05:00-06:00 HOUR	2.1	N	3.5	N	2.2	WNW
06:00-07:00 HOUR	2.0	NW	4.6	NW	1.0	NW
AVERAGE	2.4	-	3.6	-	2.2	-

ตำแหน่งพิกัดของสถานีตรวจวัด : 14.600339, 101.116164

ตำแหน่งพิกัด UTM ของสถานี : 727966E, 1615184N



(MR SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR



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ANALYSIS REPORT

CUSTOMER NAME	: TPI POLENE PUBLIC COMPANY LIMITED	RECEIVED DATE	: NOVEMBER 2-5, 2025
ADDRESS	: 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260	ANALYTICAL DATE	: NOVEMBER 2-5, 2025
CONTACT INFORMATION	: TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com	ISSUE DATE	: NOVEMBER 18, 2025
MEASURING PLACE	: BAN SAI-NGAM	REPORT NO.	: 2025-U104549
MEASURING TYPE	: AMBIENT (AIR)	WORK NO.	: 2024-011046
MEASURING DATE	: NOVEMBER 2-5, 2025	ANALYSIS NO.	: T25AZ456-0019 - T25AZ456-0021
MEASURING TIME	: *		
MEASURING EQUIPMENT	: WIND SPEED & WIND DIRECTION EQUIPMENT		
MEASURED BY	: MR PAIRAT KUMNERDRAKSA		

RESULT (m/s)

BAN SAI-NGAM

TIME*	NOVEMBER 2-3, 2025		NOVEMBER 3-4, 2025		NOVEMBER 4-5, 2025	
	T25AZ456-0019		T25AZ456-00020		T25AZ456-00021	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	1.6	NW	1.6	N	2.3	NNE
08:00-09:00 HOUR	1.9	WNW	2.1	N	1.5	NNE
09:00-10:00 HOUR	2.5	NW	2.9	NE	1.8	NNW
10:00-11:00 HOUR	2.8	NNE	3.2	NNW	1.2	N
11:00-12:00 HOUR	3.5	NNE	2.2	WNW	1.5	NW
12:00-13:00 HOUR	3.6	NNW	2.7	NNW	0.9	NW
13:00-14:00 HOUR	2.7	NW	2.4	NNW	0.9	NW
14:00-15:00 HOUR	3.0	NW	1.8	NNE	0.9	NNW
15:00-16:00 HOUR	3.1	W	1.8	NNW	1.0	N
16:00-17:00 HOUR	3.5	WSW	1.8	NNW	1.0	NNE
17:00-18:00 HOUR	2.8	WNW	2.2	NNW	1.0	ENE
18:00-19:00 HOUR	2.8	WSW	2.2	WNW	0.9	NNE
19:00-20:00 HOUR	2.7	NW	2.0	W	0.9	NE
20:00-21:00 HOUR	1.6	NW	2.2	N	0.7	NNW
21:00-22:00 HOUR	2.1	WNW	2.0	W	1.1	NNE
22:00-23:00 HOUR	1.6	NW	2.2	W	0.7	NW
23:00-00:00 HOUR	1.7	WNW	2.2	NNW	0.7	NNW
00:00-01:00 HOUR	2.1	W	1.5	WNW	0.9	NE
01:00-02:00 HOUR	1.5	WNW	1.7	WNW	1.0	ENE
02:00-03:00 HOUR	1.8	NW	2.6	NNW	1.3	NNE
03:00-04:00 HOUR	1.7	NNW	2.4	NNW	1.6	NE
04:00-05:00 HOUR	1.3	N	2.2	WNW	1.9	WNW
05:00-06:00 HOUR	1.1	ENE	2.6	NNW	2.2	WNW
06:00-07:00 HOUR	0.8	NNE	2.1	NE	2.8	N
AVERAGE	2.2	-	2.2	-	1.3	-

ตำแหน่งพิกัดของสถานีตรวจวัด : 14.619630, 101.140996

ตำแหน่งพิกัด UTM ของสถานี : 730622E, 1617344N



(MR SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR



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ภาคผนวก ค-3

ใบรายงานผลการวิเคราะห์ระดับเสี่ยงโดยทั่วไป

ANALYSIS REPORT

CUSTOMER NAME	: TPI POLENE PUBLIC COMPANY LIMITED	RECEIVED DATE	: OCTOBER 9-12, 2025
ADDRESS	: 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260	ANALYTICAL DATE	: OCTOBER 9-12, 2025
CONTACT INFORMATION	: TEL : 06 4294 9161 e-mail : Chod.pa@tpipolene.co.th	ISSUE DATE	: OCTOBER 24, 2025
MEASURING SOURCE	: BAN SAI-NGAM	REPORT NO.	: 2025-U096678
MEASURING TYPE	: AMBIENT (NOISE)	WORK NO.	: 2024-011040
MEASURING DATE	: OCTOBER 9-12, 2025	ANALYSIS NO.	: T25AX320-0001 - T25AX320-0003
MEASURING TIME	: *		
MEASURING METHOD	: INTEGRATED SOUND LEVEL METER**		
MEASURED BY	: MR NOPPADON NIAMNIYOM		

TIME*	RESULT dB(A)		
	BAN SAI-NGAM		
	OCTOBER 9 - 10, 2025		
	T25AX320-0001		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	44.6	63.3	41.1
08:00-09:00 HOUR	42.7	59.5	38.7
09:00-10:00 HOUR	42.6	60.1	37.3
10:00-11:00 HOUR	39.6	56.9	37.2
11:00-12:00 HOUR	43.5	60.9	39.5
12:00-13:00 HOUR	43.6	61.0	39.6
13:00-14:00 HOUR	43.2	63.6	38.7
14:00-15:00 HOUR	43.7	62.7	40.3
15:00-16:00 HOUR	45.4	65.9	41.2
16:00-17:00 HOUR	48.7	84.7	41.7
17:00-18:00 HOUR	49.5	67.1	41.0
18:00-19:00 HOUR	52.0	69.0	48.9
19:00-20:00 HOUR	51.6	58.5	48.8
20:00-21:00 HOUR	50.5	60.2	48.1
21:00-22:00 HOUR	48.8	59.8	46.7
22:00-23:00 HOUR	47.4	57.1	46.2
23:00-00:00 HOUR	48.0	61.6	46.4
00:00-01:00 HOUR	47.7	55.9	46.1
01:00-02:00 HOUR	48.0	62.7	46.6
02:00-03:00 HOUR	45.5	54.8	42.4
03:00-04:00 HOUR	48.3	67.7	45.8
04:00-05:00 HOUR	50.9	79.9	45.1
05:00-06:00 HOUR	48.4	72.9	42.9
06:00-07:00 HOUR	47.0	62.6	44.5
L_{Aeq} 24 hours		47.8	



TIME*	RESULT dB(A)		
	BAN SAI-NGAM		
	OCTOBER 10 - 11, 2025		
	T25AX320-0002		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	47.7	59.1	44.8
08:00-09:00 HOUR	44.8	61.0	41.6
09:00-10:00 HOUR	43.5	65.5	40.0
10:00-11:00 HOUR	43.4	59.5	40.0
11:00-12:00 HOUR	43.9	62.4	40.3
12:00-13:00 HOUR	40.7	56.9	37.7
13:00-14:00 HOUR	42.0	58.0	38.4
14:00-15:00 HOUR	44.4	59.3	40.5
15:00-16:00 HOUR	45.2	65.2	40.0
16:00-17:00 HOUR	44.6	62.9	39.4
17:00-18:00 HOUR	45.2	61.5	41.7
18:00-19:00 HOUR	49.4	65.2	47.1
19:00-20:00 HOUR	49.6	55.9	48.4
20:00-21:00 HOUR	49.5	58.1	47.3
21:00-22:00 HOUR	48.5	55.2	46.6
22:00-23:00 HOUR	48.0	68.5	45.7
23:00-00:00 HOUR	48.0	75.9	45.8
00:00-01:00 HOUR	48.3	55.9	46.6
01:00-02:00 HOUR	46.2	55.4	43.0
02:00-03:00 HOUR	44.5	59.8	42.7
03:00-04:00 HOUR	44.7	52.3	43.0
04:00-05:00 HOUR	44.9	53.1	42.6
05:00-06:00 HOUR	49.5	69.4	42.6
06:00-07:00 HOUR	47.4	59.8	42.8
L _{Aeq} 24 hours		46.7	

TIME*	RESULT dB(A)		
	BAN SAI-NGAM		
	OCTOBER 11 - 12, 2025		
	T25AX320-0003		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	46.1	61.2	43.0
08:00-09:00 HOUR	43.7	60.3	40.2
09:00-10:00 HOUR	43.1	62.8	38.7
10:00-11:00 HOUR	41.5	58.2	38.6
11:00-12:00 HOUR	43.7	61.6	39.9
12:00-13:00 HOUR	42.2	59.0	38.7
13:00-14:00 HOUR	42.6	60.8	38.6
14:00-15:00 HOUR	44.1	61.0	40.4
15:00-16:00 HOUR	45.3	65.5	40.6
16:00-17:00 HOUR	46.7	73.8	40.6
17:00-18:00 HOUR	47.3	64.3	41.4
18:00-19:00 HOUR	50.7	67.1	48.0
19:00-20:00 HOUR	50.6	57.2	48.6
20:00-21:00 HOUR	50.0	59.2	47.7
21:00-22:00 HOUR	48.7	57.5	46.7
22:00-23:00 HOUR	47.7	62.8	46.0
23:00-00:00 HOUR	48.0	68.7	46.1
00:00-01:00 HOUR	48.0	55.9	46.4
01:00-02:00 HOUR	47.1	59.1	44.8
02:00-03:00 HOUR	45.0	57.3	42.6
03:00-04:00 HOUR	46.5	60.0	44.4
04:00-05:00 HOUR	47.9	66.5	43.9
05:00-06:00 HOUR	48.9	71.2	42.8
06:00-07:00 HOUR	47.2	61.2	43.7
L _{Aeq} 24 hours		47.1	

REMARK : ** ISO 1996-1:2016

** NOTIFICATION OF NATION ENVIRONMENT BOARD NO. 15 B.E. 2540 (1997) (MARCH 12, 1977)

** NOTIFICATION OF THE POLLUTION CONTROL DEPARTMENT (B.E. 2540) REGARDING THE CALCULATION METHOD FOR SOUND LEVELS, DATED AUGUST 11, B.E. 2540

** NOTIFICATION OF THE MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT ON THE ESTABLISHMENT OF STANDARDS FOR CONTROLLING NOISE AND VIBRATION, DATED NOVEMBER 7, B.E. 2548

** NOTIFICATION OF THE DEPARTMENT OF INDUSTRIAL WORKS ON THE MEASUREMENT METHOD FOR NOISE POLLUTION, 24-HOUR AVERAGE NOISE LEVEL, AND MAXIMUM NOISE LEVEL FROM INDUSTRIAL OPERATIONS, B.E. 2553, DATED DECEMBER 20, B.E. 2553

- ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่อง กำหนดมาตรฐานระดับเสียงโดยทั่วไป ประกาศในราชกิจจานุเบกษา เล่ม 114 ตอน 27 ง ลงวันที่ 3 เมษายน พ.ศ. 2540 ค่าระดับเสียง 24 ชั่วโมง มีค่าไม่เกิน 70 dB(A) ค่าระดับเสียงสูงสุด มีค่าไม่เกิน 115 dB(A)

- ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม (พ.ศ. 2548) เรื่อง กำหนดมาตรฐานควบคุมระดับเสียงและความสั่นสะเทือนจากการทำเหมืองหิน ประกาศในราชกิจจานุเบกษา เล่ม 122 ตอนที่ 125 ง ลงวันที่ 29 ธันวาคม พ.ศ. 2548 มีค่าไม่เกิน 115 dB(A)

ตำแหน่งพิกัดของสถานีตรวจวัด : 14.619630, 101.140996

ตำแหน่งพิกัดของสถานี : 730622E, 1617344N



(MR SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME	: TPI POLENE PUBLIC COMPANY LIMITED	RECEIVED DATE	: OCTOBER 9-12, 2025
ADDRESS	: 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260	ANALYTICAL DATE	: OCTOBER 9-12, 2025
CONTACT INFORMATION	: TEL : 06 4294 9161 e-mail : Chod.pa@tpipolene.co.th	ISSUE DATE	: OCTOBER 24, 2025
MEASURING SOURCE	: กลุ่มบ้านราชพฤกษ์ชุมชนเกษตรสัมพันธ์	REPORT NO.	: 2025-U096679
MEASURING TYPE	: AMBIENT (NOISE)	WORK NO.	: 2024-011040
MEASURING DATE	: OCTOBER 9-12, 2025	ANALYSIS NO.	: T25AX320-0004 - T25AX320-0006
MEASURING TIME	: *		
MEASURING METHOD	: INTEGRATED SOUND LEVEL METER**		
MEASURED BY	: MR NOPPADON NIAMNIYOM		

TIME*	RESULT dB(A)		
	กลุ่มบ้านราชพฤกษ์ชุมชนเกษตรสัมพันธ์		
	OCTOBER 9 - 10, 2025		
	T25AX320-0004		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	50.8	83.5	40.8
08:00-09:00 HOUR	52.9	76.4	42.2
09:00-10:00 HOUR	50.4	73.9	41.2
10:00-11:00 HOUR	44.8	57.9	37.8
11:00-12:00 HOUR	46.8	73.6	39.7
12:00-13:00 HOUR	49.5	76.1	42.7
13:00-14:00 HOUR	51.3	73.3	42.4
14:00-15:00 HOUR	50.4	74.9	43.8
15:00-16:00 HOUR	55.3	77.6	45.4
16:00-17:00 HOUR	51.7	74.6	42.6
17:00-18:00 HOUR	55.7	78.0	46.6
18:00-19:00 HOUR	52.9	72.3	46.7
19:00-20:00 HOUR	53.7	74.8	46.2
20:00-21:00 HOUR	49.9	73.2	43.9
21:00-22:00 HOUR	50.6	68.9	46.8
22:00-23:00 HOUR	51.2	78.9	44.6
23:00-00:00 HOUR	43.6	78.4	40.9
00:00-01:00 HOUR	44.1	55.6	42.6
01:00-02:00 HOUR	43.5	62.5	41.8
02:00-03:00 HOUR	44.7	75.4	42.5
03:00-04:00 HOUR	44.3	78.8	39.4
04:00-05:00 HOUR	43.9	58.2	42.1
05:00-06:00 HOUR	46.4	71.8	43.7
06:00-07:00 HOUR	46.1	70.1	43.3
L _{Aeq} 24 hours		50.5	



TIME*	RESULT dB(A)		
	กลุ่มบ้านราษฎรชุมชนเกษตรสัมพันธ์		
	OCTOBER 10 - 11, 2025		
	T25AX320-0005		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	47.9	74.7	42.4
08:00-09:00 HOUR	50.1	71.0	45.0
09:00-10:00 HOUR	41.6	64.5	37.8
10:00-11:00 HOUR	45.9	65.3	42.5
11:00-12:00 HOUR	45.4	71.1	41.6
12:00-13:00 HOUR	53.7	84.1	43.5
13:00-14:00 HOUR	54.7	89.9	40.9
14:00-15:00 HOUR	49.7	71.1	40.6
15:00-16:00 HOUR	40.9	63.4	37.1
16:00-17:00 HOUR	51.2	73.8	40.6
17:00-18:00 HOUR	53.6	80.1	41.5
18:00-19:00 HOUR	45.9	67.3	43.0
19:00-20:00 HOUR	47.6	63.8	43.6
20:00-21:00 HOUR	47.6	73.1	45.2
21:00-22:00 HOUR	43.4	53.7	41.6
22:00-23:00 HOUR	43.3	63.2	41.2
23:00-00:00 HOUR	45.7	72.1	42.4
00:00-01:00 HOUR	47.1	63.3	42.9
01:00-02:00 HOUR	39.4	59.0	37.4
02:00-03:00 HOUR	41.2	52.7	39.0
03:00-04:00 HOUR	42.0	60.5	38.4
04:00-05:00 HOUR	46.8	70.1	43.5
05:00-06:00 HOUR	45.6	67.6	40.8
06:00-07:00 HOUR	52.6	86.5	40.7
L _{Aeq} 24 hours		48.8	

TIME*	RESULT dB(A)		
	กลุ่มบ้านราชพฤกษ์ชุมชนเกษตรสัมพันธ์		
	OCTOBER 11 - 12, 2025		
	T25AX320-0006		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	51.1	73.6	41.2
08:00-09:00 HOUR	47.8	70.8	41.3
09:00-10:00 HOUR	49.2	67.0	40.4
10:00-11:00 HOUR	48.9	75.5	39.3
11:00-12:00 HOUR	46.4	70.4	41.6
12:00-13:00 HOUR	51.2	70.3	44.7
13:00-14:00 HOUR	48.2	73.2	43.7
14:00-15:00 HOUR	49.8	66.1	44.0
15:00-16:00 HOUR	44.2	65.6	38.6
16:00-17:00 HOUR	50.2	74.6	44.0
17:00-18:00 HOUR	49.2	67.0	44.0
18:00-19:00 HOUR	50.4	70.7	45.6
19:00-20:00 HOUR	46.3	63.7	42.2
20:00-21:00 HOUR	45.1	63.5	41.4
21:00-22:00 HOUR	44.7	70.2	39.8
22:00-23:00 HOUR	45.7	74.1	41.9
23:00-00:00 HOUR	43.1	54.6	41.6
00:00-01:00 HOUR	43.8	62.8	42.1
01:00-02:00 HOUR	44.5	75.2	42.3
02:00-03:00 HOUR	47.8	82.3	42.9
03:00-04:00 HOUR	44.3	58.6	42.5
04:00-05:00 HOUR	46.5	71.9	43.8
05:00-06:00 HOUR	44.6	68.6	41.8
06:00-07:00 HOUR	57.4	77.7	54.1
L _{Aeq} 24 hours		49.1	

REMARK : ** ISO 1996-1:2016

** NOTIFICATION OF NATION ENVIRONMENT BOARD NO. 15 B.E. 2540 (1997) (MARCH 12, 1977)

** NOTIFICATION OF THE POLLUTION CONTROL DEPARTMENT (B.E. 2540) REGARDING THE CALCULATION METHOD FOR SOUND LEVELS, DATED AUGUST 11, B.E. 2540

** NOTIFICATION OF THE MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT ON THE ESTABLISHMENT OF STANDARDS FOR CONTROLLING NOISE AND VIBRATION, DATED NOVEMBER 7, B.E. 2548

** NOTIFICATION OF THE DEPARTMENT OF INDUSTRIAL WORKS ON THE MEASUREMENT METHOD FOR NOISE POLLUTION, 24-HOUR AVERAGE NOISE LEVEL, AND MAXIMUM NOISE LEVEL FROM INDUSTRIAL OPERATIONS, B.E. 2553, DATED DECEMBER 20, B.E. 2553

- ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่อง กำหนดมาตรฐานระดับเสียงโดยทั่วไป ประกาศในราชกิจจานุเบกษา เล่ม 114 ตอน 27 ง ลงวันที่ 3 เมษายน พ.ศ. 2540 ค่าระดับเสียง 24 ชั่วโมง มีค่าไม่เกิน 70 dB(A) ค่าระดับเสียงสูงสุด มีค่าไม่เกิน 115 dB(A)

- ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม (พ.ศ. 2548) เรื่อง กำหนดมาตรฐานควบคุมระดับเสียงและความสั่นสะเทือนจากการทำเหมืองหิน ประกาศในราชกิจจานุเบกษา เล่ม 122 ตอนที่ 125 ง ลงวันที่ 29 ธันวาคม พ.ศ. 2548 มีค่าไม่เกิน 115 dB(A)

ตำแหน่งพิกัดของสถานีตรวจวัด : 14.600339, 101.116164

ตำแหน่งพิกัด UTM ของสถานี : 727966E, 1615184N



(MR SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME	: TPI POLENE PUBLIC COMPANY LIMITED	RECEIVED DATE	: OCTOBER 9-12, 2025
ADDRESS	: 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260	ANALYTICAL DATE	: OCTOBER 9-12, 2025
CONTACT INFORMATION	: TEL : 06 4294 9161 e-mail : Chod.pa@tpipolene.co.th	ISSUE DATE	: OCTOBER 24, 2025
MEASURING SOURCE	: TUBKWANG RESEARCH CENTER	REPORT NO.	: 2025-U096680
MEASURING TYPE	: AMBIENT (NOISE)	WORK NO.	: 2024-011040
MEASURING DATE	: OCTOBER 9-12, 2025	ANALYSIS NO.	: T25AX320-0007 - T25AX320-0009
MEASURING TIME	: *		
MEASURING METHOD	: INTEGRATED SOUND LEVEL METER**		
MEASURED BY	: MR NOPPADON NIAMNIYOM		

TIME*	RESULT dB(A)		
	TUBKWANG RESEARCH CENTER		
	OCTOBER 9 - 10, 2025		
	T25AX320-0007		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	49.4	69.7	44.8
08:00-09:00 HOUR	47.6	66.8	44.6
09:00-10:00 HOUR	51.1	71.3	44.5
10:00-11:00 HOUR	48.1	69.4	43.4
11:00-12:00 HOUR	46.1	65.7	41.5
12:00-13:00 HOUR	46.2	74.3	40.6
13:00-14:00 HOUR	44.0	60.9	40.0
14:00-15:00 HOUR	43.7	68.2	39.4
15:00-16:00 HOUR	47.1	67.3	41.5
16:00-17:00 HOUR	52.5	74.0	40.6
17:00-18:00 HOUR	50.3	78.0	38.2
18:00-19:00 HOUR	48.8	73.2	43.7
19:00-20:00 HOUR	48.9	69.9	42.6
20:00-21:00 HOUR	44.0	61.8	42.1
21:00-22:00 HOUR	44.4	68.7	42.2
22:00-23:00 HOUR	42.1	59.5	40.4
23:00-00:00 HOUR	39.3	59.1	37.9
00:00-01:00 HOUR	42.8	65.2	40.6
01:00-02:00 HOUR	42.3	59.0	40.9
02:00-03:00 HOUR	43.2	70.2	38.8
03:00-04:00 HOUR	43.4	56.9	40.8
04:00-05:00 HOUR	39.5	58.9	37.3
05:00-06:00 HOUR	44.5	61.4	38.7
06:00-07:00 HOUR	46.4	67.4	41.9
L_{Aeq} 24 hours		47.0	



TIME*	RESULT dB(A)		
	TUBKWANG RESEARCH CENTER		
	OCTOBER 10 - 11, 2025		
	T25AX320-0008		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	43.6	73.9	39.2
08:00-09:00 HOUR	51.8	77.2	45.0
09:00-10:00 HOUR	54.0	75.8	43.7
10:00-11:00 HOUR	47.4	70.0	39.9
11:00-12:00 HOUR	50.5	72.3	41.6
12:00-13:00 HOUR	46.8	72.9	39.5
13:00-14:00 HOUR	46.7	66.3	40.7
14:00-15:00 HOUR	47.3	70.0	40.9
15:00-16:00 HOUR	42.7	73.5	36.7
16:00-17:00 HOUR	45.0	69.5	37.6
17:00-18:00 HOUR	50.6	76.3	41.1
18:00-19:00 HOUR	49.5	75.0	40.6
19:00-20:00 HOUR	50.7	75.2	44.6
20:00-21:00 HOUR	45.3	67.9	41.7
21:00-22:00 HOUR	44.0	66.2	40.2
22:00-23:00 HOUR	42.5	78.3	38.3
23:00-00:00 HOUR	40.0	72.9	38.0
00:00-01:00 HOUR	46.5	75.0	38.3
01:00-02:00 HOUR	41.6	65.9	39.2
02:00-03:00 HOUR	40.1	59.0	38.3
03:00-04:00 HOUR	41.7	65.1	40.3
04:00-05:00 HOUR	39.3	63.6	37.0
05:00-06:00 HOUR	43.1	76.9	40.1
06:00-07:00 HOUR	45.8	76.4	41.2
L_{Aeq} 24 hours		47.5	

TIME*	RESULT dB(A)		
	TUBKWANG RESEARCH CENTER		
	OCTOBER 11 - 12, 2025		
	T25AX320-0009		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	51.6	79.1	42.8
08:00-09:00 HOUR	58.3	77.9	43.2
09:00-10:00 HOUR	55.3	76.0	40.7
10:00-11:00 HOUR	48.5	74.0	41.5
11:00-12:00 HOUR	44.4	68.8	39.4
12:00-13:00 HOUR	51.1	80.5	39.7
13:00-14:00 HOUR	48.8	67.8	40.2
14:00-15:00 HOUR	46.6	68.7	42.6
15:00-16:00 HOUR	43.1	71.2	40.5
16:00-17:00 HOUR	41.5	68.6	40.0
17:00-18:00 HOUR	41.9	57.9	40.5
18:00-19:00 HOUR	43.2	65.2	41.4
19:00-20:00 HOUR	45.4	75.3	41.5
20:00-21:00 HOUR	41.4	60.1	39.1
21:00-22:00 HOUR	41.7	52.9	40.4
22:00-23:00 HOUR	44.0	56.8	39.6
23:00-00:00 HOUR	45.2	69.5	41.7
00:00-01:00 HOUR	44.5	55.7	41.2
01:00-02:00 HOUR	47.0	62.9	43.6
02:00-03:00 HOUR	50.0	77.4	45.3
03:00-04:00 HOUR	50.6	65.9	43.4
04:00-05:00 HOUR	45.2	76.0	40.4
05:00-06:00 HOUR	45.0	67.7	40.2
06:00-07:00 HOUR	48.0	70.6	41.4
L_{Aeq} 24 hours		49.5	

REMARK : ** ISO 1996-1:2016

** NOTIFICATION OF NATION ENVIRONMENT BOARD NO. 15 B.E. 2540 (1997) (MARCH 12, 1977)

** NOTIFICATION OF THE POLLUTION CONTROL DEPARTMENT (B.E. 2540) REGARDING THE CALCULATION METHOD FOR SOUND LEVELS, DATED AUGUST 11, B.E. 2540

** NOTIFICATION OF THE MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT ON THE ESTABLISHMENT OF STANDARDS FOR CONTROLLING NOISE AND VIBRATION, DATED NOVEMBER 7, B.E. 2548

** NOTIFICATION OF THE DEPARTMENT OF INDUSTRIAL WORKS ON THE MEASUREMENT METHOD FOR NOISE POLLUTION, 24-HOUR AVERAGE NOISE LEVEL, AND MAXIMUM NOISE LEVEL FROM INDUSTRIAL OPERATIONS, B.E. 2553, DATED DECEMBER 20, B.E. 2553

- ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่อง กำหนดมาตรฐานระดับเสียงโดยทั่วไป ประกาศในราชกิจจานุเบกษา เล่ม 114 ตอน 27 ง ลงวันที่ 3 เมษายน พ.ศ. 2540 ค่าระดับเสียง 24 ชั่วโมง มีค่าไม่เกิน 70 dB(A) ค่าระดับเสียงสูงสุด มีค่าไม่เกิน 115 dB(A)

- ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม (พ.ศ. 2548) เรื่อง กำหนดมาตรฐานควบคุมระดับเสียงและความสั่นสะเทือนจากการทำเหมืองหิน ประกาศในราชกิจจานุเบกษา เล่ม 122 ตอนที่ 125 ง ลงวันที่ 29 ธันวาคม พ.ศ. 2548 มีค่าไม่เกิน 115 dB(A)

ตำแหน่งพิกัดของสถานีตรวจวัด : 14.484403, 100.965488

ตำแหน่งพิกัด UTM ของสถานี : 711839E, 1602209N



(MR SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME	: TPI POLENE PUBLIC COMPANY LIMITED	RECEIVED DATE	: OCTOBER 9-12, 2025
ADDRESS	: 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260	ANALYTICAL DATE	: OCTOBER 9-12, 2025
CONTACT INFORMATION	: TEL : 06 4294 9161 e-mail : Chod.pa@tpipolene.co.th	ISSUE DATE	: OCTOBER 24, 2025
MEASURING SOURCE	: TAM NAKARAT TEMPLE	REPORT NO.	: 2025-U096681
MEASURING TYPE	: AMBIENT (NOISE)	WORK NO.	: 2024-011040
MEASURING DATE	: OCTOBER 9-12, 2025	ANALYSIS NO.	: T25AX320-0010 - T25AX320-0012
MEASURING TIME	: *		
MEASURING METHOD	: INTEGRATED SOUND LEVEL METER**		
MEASURED BY	: MR NOPPADON NIAMNIYOM		

TIME*	RESULT dB(A)		
	TAM NAKARAT TEMPLE		
	OCTOBER 9 - 10, 2025		
	T25AX320-0010		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	51.9	63.8	49.3
08:00-09:00 HOUR	47.8	61.1	45.2
09:00-10:00 HOUR	48.9	62.7	47.0
10:00-11:00 HOUR	48.0	62.1	45.9
11:00-12:00 HOUR	46.5	58.4	44.0
12:00-13:00 HOUR	49.5	62.5	47.1
13:00-14:00 HOUR	49.7	62.2	46.8
14:00-15:00 HOUR	50.3	64.1	48.2
15:00-16:00 HOUR	49.4	63.0	46.9
16:00-17:00 HOUR	48.5	62.5	46.3
17:00-18:00 HOUR	47.1	61.4	45.0
18:00-19:00 HOUR	48.8	61.2	46.6
19:00-20:00 HOUR	48.6	62.4	46.0
20:00-21:00 HOUR	49.4	63.2	46.9
21:00-22:00 HOUR	48.1	60.8	46.0
22:00-23:00 HOUR	49.1	63.2	47.0
23:00-00:00 HOUR	47.0	62.8	45.1
00:00-01:00 HOUR	48.8	63.2	46.5
01:00-02:00 HOUR	47.7	59.9	45.4
02:00-03:00 HOUR	47.8	59.6	44.9
03:00-04:00 HOUR	48.7	61.2	46.2
04:00-05:00 HOUR	48.2	61.9	45.5
05:00-06:00 HOUR	48.1	60.9	45.6
06:00-07:00 HOUR	47.5	61.6	45.5
L_{Aeq} 24 hours		48.7	



TIME*	RESULT dB(A)		
	TAM NAKARAT TEMPLE		
	OCTOBER 10 - 11, 2025		
	T25AX320-0011		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	46.3	60.2	44.3
08:00-09:00 HOUR	47.3	63.2	44.4
09:00-10:00 HOUR	49.2	62.6	47.3
10:00-11:00 HOUR	48.8	62.3	46.5
11:00-12:00 HOUR	48.3	63.4	45.6
12:00-13:00 HOUR	47.7	59.9	45.5
13:00-14:00 HOUR	48.6	62.5	45.7
14:00-15:00 HOUR	48.7	62.2	46.2
15:00-16:00 HOUR	48.3	62.6	45.8
16:00-17:00 HOUR	47.9	61.9	45.0
17:00-18:00 HOUR	46.1	59.1	43.7
18:00-19:00 HOUR	47.6	60.4	45.7
19:00-20:00 HOUR	50.0	62.4	48.0
20:00-21:00 HOUR	47.9	62.5	45.8
21:00-22:00 HOUR	46.1	61.0	43.9
22:00-23:00 HOUR	45.1	58.7	43.2
23:00-00:00 HOUR	48.2	63.1	46.3
00:00-01:00 HOUR	45.7	60.5	42.9
01:00-02:00 HOUR	48.6	61.5	46.3
02:00-03:00 HOUR	46.3	59.1	44.3
03:00-04:00 HOUR	46.8	61.8	44.5
04:00-05:00 HOUR	47.6	62.8	45.5
05:00-06:00 HOUR	47.1	60.3	44.3
06:00-07:00 HOUR	49.1	61.5	46.4
L _{Aeq} 24 hours		47.8	

TIME*	RESULT dB(A)		
	TAM NAKARAT TEMPLE		
	OCTOBER 11 - 12, 2025		
	T25AX320-0012		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	47.7	62.0	45.7
08:00-09:00 HOUR	47.4	62.7	45.3
09:00-10:00 HOUR	46.8	61.6	44.6
10:00-11:00 HOUR	46.7	58.4	44.2
11:00-12:00 HOUR	49.1	61.6	46.3
12:00-13:00 HOUR	49.7	64.5	47.0
13:00-14:00 HOUR	49.8	62.4	47.0
14:00-15:00 HOUR	47.5	60.0	45.1
15:00-16:00 HOUR	49.6	63.5	46.9
16:00-17:00 HOUR	49.4	61.3	47.0
17:00-18:00 HOUR	49.9	64.0	47.9
18:00-19:00 HOUR	49.3	61.6	47.0
19:00-20:00 HOUR	49.1	64.3	46.4
20:00-21:00 HOUR	49.4	62.6	47.5
21:00-22:00 HOUR	49.1	62.2	46.8
22:00-23:00 HOUR	49.7	61.9	47.2
23:00-00:00 HOUR	49.0	62.3	46.9
00:00-01:00 HOUR	48.8	61.7	46.5
01:00-02:00 HOUR	49.8	62.1	47.4
02:00-03:00 HOUR	50.4	63.1	48.2
03:00-04:00 HOUR	49.3	62.3	47.3
04:00-05:00 HOUR	51.0	65.9	48.9
05:00-06:00 HOUR	48.9	61.0	46.5
06:00-07:00 HOUR	50.2	62.4	48.0
L_{Aeq} 24 hours		49.2	

REMARK : ** ISO 1996-1:2016

** NOTIFICATION OF NATION ENVIRONMENT BOARD NO. 15 B.E. 2540 (1997) (MARCH 12, 1977)

** NOTIFICATION OF THE POLLUTION CONTROL DEPARTMENT (B.E. 2540) REGARDING THE CALCULATION METHOD FOR SOUND LEVELS, DATED AUGUST 11, B.E. 2540

** NOTIFICATION OF THE MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT ON THE ESTABLISHMENT OF STANDARDS FOR CONTROLLING NOISE AND VIBRATION, DATED NOVEMBER 7, B.E. 2548

** NOTIFICATION OF THE DEPARTMENT OF INDUSTRIAL WORKS ON THE MEASUREMENT METHOD FOR NOISE POLLUTION, 24-HOUR AVERAGE NOISE LEVEL, AND MAXIMUM NOISE LEVEL FROM INDUSTRIAL OPERATIONS, B.E. 2553, DATED DECEMBER 20, B.E. 2553

- ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่อง กำหนดมาตรฐานระดับเสียงโดยทั่วไป ประกาศในราชกิจจานุเบกษา เล่ม 114 ตอน 27 ง ลงวันที่ 3 เมษายน พ.ศ. 2540 ค่าระดับเสียง 24 ชั่วโมง มีค่าไม่เกิน 70 dB(A) ค่าระดับเสียงสูงสุด มีค่าไม่เกิน 115 dB(A)

- ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม (พ.ศ. 2548) เรื่อง กำหนดมาตรฐานควบคุมระดับเสียงและความสั่นสะเทือนจากการทำเหมืองหิน ประกาศในราชกิจจานุเบกษา เล่ม 122 ตอนที่ 125 ง ลงวันที่ 29 ธันวาคม พ.ศ. 2548 มีค่าไม่เกิน 115 dB(A)

ตำแหน่งพิกัดของสถานีตรวจวัด : 14.604604, 101.103204

ตำแหน่งพิกัด UTM ของสถานี : 726565E, 1615643N



(MR SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME	: TPI POLENE PUBLIC COMPANY LIMITED	RECEIVED DATE	: OCTOBER 9-12, 2025
ADDRESS	: 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260	ANALYTICAL DATE	: OCTOBER 9-12, 2025
CONTACT INFORMATION	: TEL : 06 4294 9161 e-mail : Chod.pa@tpipolene.co.th	ISSUE DATE	: OCTOBER 24, 2025
MEASURING SOURCE	: PRATATCHAREONTHAM TEMPLE	REPORT NO.	: 2025-U096682
MEASURING TYPE	: AMBIENT (NOISE)	WORK NO.	: 2024-011040
MEASURING DATE	: OCTOBER 9-12, 2025	ANALYSIS NO.	: T25AX320-0013 - T25AX320-0015
MEASURING TIME	: *		
MEASURING METHOD	: INTEGRATED SOUND LEVEL METER**		
MEASURED BY	: MR NOPPADON NIAMNIYOM		

TIME*	RESULT dB(A)		
	PRATATCHAREONTHAM TEMPLE		
	OCTOBER 9 - 10, 2025		
	T25AX320-0013		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	57.7	73.7	54.7
08:00-09:00 HOUR	58.1	72.0	54.4
09:00-10:00 HOUR	57.3	72.7	53.5
10:00-11:00 HOUR	54.9	70.5	50.9
11:00-12:00 HOUR	55.9	73.0	54.4
12:00-13:00 HOUR	55.0	69.9	51.7
13:00-14:00 HOUR	56.1	70.9	52.6
14:00-15:00 HOUR	57.2	68.2	52.2
15:00-16:00 HOUR	57.5	73.3	54.1
16:00-17:00 HOUR	54.9	69.7	51.4
17:00-18:00 HOUR	57.6	73.0	54.1
18:00-19:00 HOUR	55.0	69.4	51.1
19:00-20:00 HOUR	52.4	66.6	47.4
20:00-21:00 HOUR	55.6	67.1	50.6
21:00-22:00 HOUR	58.6	70.0	53.6
22:00-23:00 HOUR	57.7	69.6	52.7
23:00-00:00 HOUR	51.1	62.7	46.1
00:00-01:00 HOUR	59.2	68.3	54.2
01:00-02:00 HOUR	51.3	63.1	46.3
02:00-03:00 HOUR	50.9	66.1	45.9
03:00-04:00 HOUR	47.8	64.6	42.8
04:00-05:00 HOUR	60.3	74.6	55.3
05:00-06:00 HOUR	57.0	73.6	52.0
06:00-07:00 HOUR	49.7	65.3	44.7
L_{Aeq} 24 hours		56.3	



TIME*	RESULT dB(A)		
	PRATATCHAREONTHAM TEMPLE		
	OCTOBER 10 - 11, 2025		
	T25AX320-0014		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	48.6	64.9	43.6
08:00-09:00 HOUR	47.3	64.2	42.3
09:00-10:00 HOUR	49.9	66.5	44.9
10:00-11:00 HOUR	55.3	72.3	51.3
11:00-12:00 HOUR	56.1	72.7	52.1
12:00-13:00 HOUR	56.5	72.1	52.6
13:00-14:00 HOUR	58.6	67.3	51.4
14:00-15:00 HOUR	59.3	68.1	50.5
15:00-16:00 HOUR	64.3	70.7	56.5
16:00-17:00 HOUR	61.4	74.4	57.3
17:00-18:00 HOUR	54.9	69.7	52.0
18:00-19:00 HOUR	58.7	69.9	53.4
19:00-20:00 HOUR	57.0	67.7	54.3
20:00-21:00 HOUR	57.3	69.8	54.2
21:00-22:00 HOUR	53.4	66.2	51.3
22:00-23:00 HOUR	52.7	65.1	51.0
23:00-00:00 HOUR	53.3	66.7	51.0
00:00-01:00 HOUR	52.6	65.1	49.8
01:00-02:00 HOUR	54.4	69.3	51.2
02:00-03:00 HOUR	55.9	67.9	51.2
03:00-04:00 HOUR	57.6	68.2	51.0
04:00-05:00 HOUR	51.7	66.6	48.8
05:00-06:00 HOUR	50.5	65.6	47.4
06:00-07:00 HOUR	55.6	67.5	52.7
L _{Aeq} 24 hours		56.9	

TIME*	RESULT dB(A)		
	PRATATCHAREONTHAM TEMPLE		
	OCTOBER 11 - 12, 2025		
	T25AX320-0015		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	56.1	72.3	53.4
08:00-09:00 HOUR	58.4	72.1	54.7
09:00-10:00 HOUR	56.3	71.1	52.6
10:00-11:00 HOUR	53.6	67.8	49.6
11:00-12:00 HOUR	53.9	71.0	49.0
12:00-13:00 HOUR	50.5	68.2	47.5
13:00-14:00 HOUR	56.8	68.6	51.5
14:00-15:00 HOUR	60.6	70.5	53.7
15:00-16:00 HOUR	60.1	71.2	54.5
16:00-17:00 HOUR	57.5	71.4	53.7
17:00-18:00 HOUR	58.2	73.3	55.0
18:00-19:00 HOUR	57.4	70.2	52.8
19:00-20:00 HOUR	57.0	68.1	54.4
20:00-21:00 HOUR	57.6	69.6	55.4
21:00-22:00 HOUR	55.5	67.8	53.9
22:00-23:00 HOUR	56.6	66.6	53.4
23:00-00:00 HOUR	54.2	65.8	50.4
00:00-01:00 HOUR	56.2	68.0	53.9
01:00-02:00 HOUR	51.3	64.7	48.4
02:00-03:00 HOUR	52.0	62.7	46.9
03:00-04:00 HOUR	52.9	63.9	47.3
04:00-05:00 HOUR	53.0	67.0	48.6
05:00-06:00 HOUR	52.8	64.2	47.8
06:00-07:00 HOUR	58.9	71.5	56.2
L_{Aeq} 24 hours		56.5	

REMARK : ** ISO 1996-1:2016

** NOTIFICATION OF NATION ENVIRONMENT BOARD NO. 15 B.E. 2540 (1997) (MARCH 12, 1977)

** NOTIFICATION OF THE POLLUTION CONTROL DEPARTMENT (B.E. 2540) REGARDING THE CALCULATION METHOD FOR SOUND LEVELS, DATED AUGUST 11, B.E. 2540

** NOTIFICATION OF THE MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT ON THE ESTABLISHMENT OF STANDARDS FOR CONTROLLING NOISE AND VIBRATION, DATED NOVEMBER 7, B.E. 2548

** NOTIFICATION OF THE DEPARTMENT OF INDUSTRIAL WORKS ON THE MEASUREMENT METHOD FOR NOISE POLLUTION, 24-HOUR AVERAGE NOISE LEVEL, AND MAXIMUM NOISE LEVEL FROM INDUSTRIAL OPERATIONS, B.E. 2553, DATED DECEMBER 20, B.E. 2553

- ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่อง กำหนดมาตรฐานระดับเสียงโดยทั่วไป ประกาศในราชกิจจานุเบกษา เล่ม 114 ตอน 27 ง ลงวันที่ 3 เมษายน พ.ศ. 2540 ค่าระดับเสียง 24 ชั่วโมง มีค่าไม่เกิน 70 dB(A) ค่าระดับเสียงสูงสุด มีค่าไม่เกิน 115 dB(A)

- ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม (พ.ศ. 2548) เรื่อง กำหนดมาตรฐานควบคุมระดับเสียงและความสั่นสะเทือนจากการทำเหมืองหิน ประกาศในราชกิจจานุเบกษา เล่ม 122 ตอนที่ 125 ง ลงวันที่ 29 ธันวาคม พ.ศ. 2548 มีค่าไม่เกิน 115 dB(A)

ตำแหน่งพิกัดของสถานีตรวจวัด : 14.631333, 101.108201

ตำแหน่งพิกัด UTM ของสถานี : 727076E, 1618606N



(MR SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME	: TPI POLENE PUBLIC COMPANY LIMITED	RECEIVED DATE	: OCTOBER 9-12, 2025
ADDRESS	: 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260	ANALYTICAL DATE	: OCTOBER 9-12, 2025
CONTACT INFORMATION	: TEL : 06 4294 9161 e-mail : Chod.pa@tpipolene.co.th	ISSUE DATE	: OCTOBER 24, 2025
MEASURING SOURCE	: BAN SAB-BON (DORM #3)	REPORT NO.	: 2025-U096688
MEASURING TYPE	: AMBIENT (NOISE)	WORK NO.	: 2024-011040
MEASURING DATE	: OCTOBER 9-12, 2025	ANALYSIS NO.	: T25AX320-0031 - T25AX320-0033
MEASURING TIME	: *		
MEASURING METHOD	: INTEGRATED SOUND LEVEL METER**		
MEASURED BY	: MR NOPPADON NIAMNIYOM		

TIME*	RESULT dB(A)		
	BAN SAB-BON (DORM #3)		
	OCTOBER 9 - 10, 2025		
	T25AX320-0031		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	54.0	71.2	51.9
08:00-09:00 HOUR	59.5	80.9	56.7
09:00-10:00 HOUR	53.3	72.9	51.3
10:00-11:00 HOUR	55.8	71.3	53.8
11:00-12:00 HOUR	51.7	63.6	49.3
12:00-13:00 HOUR	54.1	69.0	51.8
13:00-14:00 HOUR	59.3	77.9	54.7
14:00-15:00 HOUR	59.2	77.3	56.7
15:00-16:00 HOUR	61.1	70.6	56.5
16:00-17:00 HOUR	56.8	72.3	54.8
17:00-18:00 HOUR	56.8	78.4	52.7
18:00-19:00 HOUR	54.5	72.7	51.5
19:00-20:00 HOUR	53.9	69.0	51.1
20:00-21:00 HOUR	59.6	85.4	58.0
21:00-22:00 HOUR	55.3	60.8	52.9
22:00-23:00 HOUR	60.3	65.2	58.6
23:00-00:00 HOUR	58.3	66.1	56.1
00:00-01:00 HOUR	58.7	66.1	55.6
01:00-02:00 HOUR	50.4	56.4	49.3
02:00-03:00 HOUR	51.1	58.7	49.9
03:00-04:00 HOUR	55.6	65.3	54.5
04:00-05:00 HOUR	49.9	60.5	48.5
05:00-06:00 HOUR	51.1	60.1	50.0
06:00-07:00 HOUR	54.8	65.0	53.6
L_{Aeq} 24 hours		56.8	



TIME*	RESULT dB(A)		
	BAN SAB-BON (DORM #3)		
	OCTOBER 10 - 11, 2025		
	T25AX320-0032		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	52.4	69.6	50.3
08:00-09:00 HOUR	58.5	79.9	55.7
09:00-10:00 HOUR	56.0	75.6	54.0
10:00-11:00 HOUR	56.5	72.0	54.5
11:00-12:00 HOUR	51.5	63.4	49.1
12:00-13:00 HOUR	58.1	73.0	55.8
13:00-14:00 HOUR	56.5	75.1	51.9
14:00-15:00 HOUR	59.1	77.2	56.6
15:00-16:00 HOUR	58.9	68.4	54.3
16:00-17:00 HOUR	62.4	79.4	57.9
17:00-18:00 HOUR	58.3	79.9	54.2
18:00-19:00 HOUR	55.1	73.3	52.1
19:00-20:00 HOUR	56.1	71.2	53.3
20:00-21:00 HOUR	55.5	71.0	53.5
21:00-22:00 HOUR	54.3	59.8	51.9
22:00-23:00 HOUR	59.9	64.8	58.2
23:00-00:00 HOUR	55.2	63.0	53.0
00:00-01:00 HOUR	56.2	63.6	53.1
01:00-02:00 HOUR	48.4	54.4	47.3
02:00-03:00 HOUR	51.4	59.0	50.2
03:00-04:00 HOUR	56.6	66.3	55.5
04:00-05:00 HOUR	50.0	60.6	48.6
05:00-06:00 HOUR	49.9	58.9	48.8
06:00-07:00 HOUR	55.9	66.1	54.7
L _{Aeq} 24 hours		56.7	

TIME*	RESULT dB(A)		
	BAN SAB-BON (DORM #3)		
	OCTOBER 11 - 12, 2025		
	T25AX320-0033		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	55.4	72.6	53.3
08:00-09:00 HOUR	56.5	77.9	53.7
09:00-10:00 HOUR	56.0	75.6	54.0
10:00-11:00 HOUR	58.4	73.9	56.4
11:00-12:00 HOUR	52.0	63.9	49.6
12:00-13:00 HOUR	55.3	70.2	53.0
13:00-14:00 HOUR	58.4	77.0	53.8
14:00-15:00 HOUR	57.5	75.6	55.0
15:00-16:00 HOUR	58.3	67.8	53.7
16:00-17:00 HOUR	62.0	79.0	57.5
17:00-18:00 HOUR	57.6	79.2	53.5
18:00-19:00 HOUR	52.3	70.5	49.3
19:00-20:00 HOUR	57.9	73.0	55.1
20:00-21:00 HOUR	58.3	73.8	56.3
21:00-22:00 HOUR	53.5	59.0	51.1
22:00-23:00 HOUR	59.4	64.3	57.7
23:00-00:00 HOUR	58.2	66.0	56.0
00:00-01:00 HOUR	59.2	66.6	56.1
01:00-02:00 HOUR	49.4	55.4	48.3
02:00-03:00 HOUR	53.5	61.1	52.3
03:00-04:00 HOUR	56.5	66.2	55.4
04:00-05:00 HOUR	53.2	63.8	51.8
05:00-06:00 HOUR	51.4	60.4	50.3
06:00-07:00 HOUR	55.8	66.0	54.6
L _{Aeq} 24 hours		57.0	

REMARK : ** ISO 1996-1:2016

** NOTIFICATION OF NATION ENVIRONMENT BOARD NO. 15 B.E. 2540 (1997) (MARCH 12, 1977)

** NOTIFICATION OF THE POLLUTION CONTROL DEPARTMENT (B.E. 2540) REGARDING THE CALCULATION METHOD FOR SOUND LEVELS, DATED AUGUST 11, B.E. 2540

** NOTIFICATION OF THE MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT ON THE ESTABLISHMENT OF STANDARDS FOR CONTROLLING NOISE AND VIBRATION, DATED NOVEMBER 7, B.E. 2548

** NOTIFICATION OF THE DEPARTMENT OF INDUSTRIAL WORKS ON THE MEASUREMENT METHOD FOR NOISE POLLUTION, 24-HOUR AVERAGE NOISE LEVEL, AND MAXIMUM NOISE LEVEL FROM INDUSTRIAL OPERATIONS, B.E. 2553, DATED DECEMBER 20, B.E. 2553

- ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่อง กำหนดมาตรฐานระดับเสียงโดยทั่วไป ประกาศในราชกิจจานุเบกษา เล่ม 114 ตอน 27 ง ลงวันที่ 3 เมษายน พ.ศ. 2540 ค่าระดับเสียง 24 ชั่วโมง มีค่าไม่เกิน 70 dB(A) ค่าระดับเสียงสูงสุด มีค่าไม่เกิน 115 dB(A)

- ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม (พ.ศ. 2548) เรื่อง กำหนดมาตรฐานควบคุมระดับเสียงและความสั่นสะเทือนจากการทำเหมืองหิน ประกาศในราชกิจจานุเบกษา เล่ม 122 ตอนที่ 125 ง ลงวันที่ 29 ธันวาคม พ.ศ. 2548 มีค่าไม่เกิน 115 dB(A)

ตำแหน่งพิกัดของสถานีตรวจวัด : 14.635760, 101.125087

ตำแหน่งพิกัด UTM ของสถานี : 728891E, 1619113N



(MR SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR

ภาคผนวก ค-4

ใบรายงานผลการวิเคราะห์ความสันสะท้อน

ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com
MEASURING PLACE : กลุ่มบ้านราษฎรบ้านไทรงาม
MEASURING TYPE : AMBIENT (VIBRATION) **RECEIVED DATE** : OCTOBER 10, 2025
MEASURING DATE : OCTOBER 10, 2025 **ANALYTICAL DATE** : OCTOBER 10, 2025
MEASURING TIME : * **ISSUE DATE** : NOVEMBER 25, 2025
MEASURING EQUIPMENT : VIBRATION METER** **REPORT NO.** : 2025-U107807
MEASURED BY : MR SURIYAN NITHICHERDCHOOWONG **WORK NO.** : 2024-011041
ANALYSIS NO. : T25AX319-0009

TIME*	RESULT								
	กลุ่มบ้านราษฎรบ้านไทรงาม								
	TRANSVERSE						VERTICAL		
	X-AXIS (LONGITUDINAL)			Y-AXIS (TRANSVERSE)			Z-AXIS (VERTICAL)		
	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)
OCTOBER 10, 2025 T25AX319-0009 15:10 HOUR	<0.150	NOT APPLICABLE ^{1/}	-	<0.150	NOT APPLICABLE ^{1/}	-	<0.150	NOT APPLICABLE ^{1/}	-

REMARK : ** THE NATIONAL ENVIRONMENT COMMITTEE ANNOUNCEMENT NO. 37 (B.E. 2553) REGARDING VIBRATION STANDARDS,
FOR PREVENTING IMPACT ON BUILDINGS, DATED APRIL 26, B.E. 2553
** NOTIFICATION OF THE MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT ON THE ESTABLISHMENT OF STANDARDS FOR
CONTROLLING NOISE AND VIBRATION FROM QUARRYING ACTIVITIES, DATED NOVEMBER 7, B.E. 2548
** DIN 45669-1:2010
** DIN 4150-3:1999

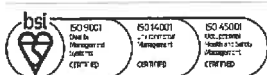
ตำแหน่งพิกัดของสถานีตรวจวัด : 14.619630, 101.140996
ตำแหน่งพิกัด UTM ของสถานี : 730622E, 1617344N

^{1/} เกิดความถี่ไม่ต่อเนื่อง (NONEXISTENT ZC FREQUENCY)

- ตามมาตรฐาน เหมือง A1 กำหนดช่วงเวลาระเบิด ระหว่างเวลา 15:00-17:00 น.
- ตามมาตรฐาน เหมือง A2 กำหนดช่วงเวลาระเบิด ระหว่างเวลา 15:30-16:00 น. (ซึ่งจะเริ่มเปิดดำเนินการทำเหมืองประมาณ เดือน พ.ย. 65)
- ตามมาตรฐาน เหมือง C1 และ C2 กำหนดช่วงเวลาระเบิด ระหว่างเวลา 15:00-16:00 น.

Sila Banjongjairuk

(MR SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR



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• REPORTED ANALYSIS REFERS TO SUBMITTED SAMPLE ONLY.



ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com
MEASURING PLACE : บริเวณขอบแปลงประทานบัตรทางทิศใต้ (เหมือง C1)
MEASURING TYPE : AMBIENT (VIBRATION) **RECEIVED DATE** : OCTOBER 10, 2025
MEASURING DATE : OCTOBER 10, 2025 **ANALYTICAL DATE** : OCTOBER 10, 2025
MEASURING TIME : * **ISSUE DATE** : NOVEMBER 25, 2025
MEASURING EQUIPMENT : VIBRATION METER** **REPORT NO.** : 2025-U107821
MEASURED BY : MR PAIRAT KUMNERDRAKSA **WORK NO.** : 2024-011041
ANALYSIS NO. : T25AX317-0013

TIME*	RESULT								
	บริเวณขอบแปลงประทานบัตรทางทิศใต้ (เหมือง C1)								
	TRANSVERSE						VERTICAL		
	X-AXIS (LONGITUDINAL)			Y-AXIS (TRANSVERSE)			Z-AXIS (VERTICAL)		
	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)
OCTOBER 10, 2025 T25AX317-0013 15:10 HOUR	<0.150	NOT APPLICABLE ^{1/}	-	<0.150	NOT APPLICABLE ^{1/}	-	<0.150	NOT APPLICABLE ^{1/}	-

REMARK : ** THE NATIONAL ENVIRONMENT COMMITTEE ANNOUNCEMENT NO. 37 (B.E. 2553) REGARDING VIBRATION STANDARDS,
FOR PREVENTING IMPACT ON BUILDINGS, DATED APRIL 26, B.E. 2553
** NOTIFICATION OF THE MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT ON THE ESTABLISHMENT OF STANDARDS FOR
CONTROLLING NOISE AND VIBRATION FROM QUARRYING ACTIVITIES, DATED NOVEMBER 7, B.E. 2548
** DIN 45669-1:2010
** DIN 4150-3:1999

ตำแหน่งพิกัดของสถานีตรวจวัด : 14.600805, 101.117588
ตำแหน่งพิกัด UTM ของสถานี : 728119E, 1615237N

^{1/} เกิดความถี่ไม่ต่อเนื่อง (NONEXISTENT ZC FREQUENCY)

- ตามมาตรการ เหมือง A1 กำหนดช่วงเวลาระเบิด ระหว่างเวลา 15:00-17:00 น.
- ตามมาตรการ เหมือง A2 กำหนดช่วงเวลาระเบิด ระหว่างเวลา 15:30-16:00 น. (ซึ่งจะเริ่มเบิดดำเนินการทำเหมืองประมาณ เดือน พ.ย. 65)
- ตามมาตรการ เหมือง C1 และ C2 กำหนดช่วงเวลาระเบิด ระหว่างเวลา 15:00-16:00 น.



(MR SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com
MEASURING PLACE : กลุ่มบ้านราษฎรเกษตรสัมพันธ์
MEASURING TYPE : AMBIENT (VIBRATION) **RECEIVED DATE** : OCTOBER 10, 2025
MEASURING DATE : OCTOBER 10, 2025 **ANALYTICAL DATE** : OCTOBER 10, 2025
MEASURING TIME : * **ISSUE DATE** : NOVEMBER 25, 2025
MEASURING EQUIPMENT : VIBRATION METER** **REPORT NO.** : 2025-U107819
MEASURED BY : MR PAIRAT KUMNERDRAKSA **WORK NO.** : 2024-011041
ANALYSIS NO. : T25AX317-0011

TIME*	RESULT								
	กลุ่มบ้านราษฎรเกษตรสัมพันธ์								
	TRANSVERSE						VERTICAL		
	X-AXIS (LONGITUDINAL)			Y-AXIS (TRANSVERSE)			Z-AXIS (VERTICAL)		
	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)
OCTOBER 10, 2025 T25AX317-0011 15:10 HOUR	<0.150	NOT APPLICABLE ^{1/}	-	<0.150	NOT APPLICABLE ^{1/}	-	<0.150	NOT APPLICABLE ^{1/}	-

REMARK : ** THE NATIONAL ENVIRONMENT COMMITTEE ANNOUNCEMENT NO. 37 (B.E. 2553) REGARDING VIBRATION STANDARDS,
FOR PREVENTING IMPACT ON BUILDINGS, DATED APRIL 26, B.E. 2553
** NOTIFICATION OF THE MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT ON THE ESTABLISHMENT OF STANDARDS FOR
CONTROLLING NOISE AND VIBRATION FROM QUARRYING ACTIVITIES, DATED NOVEMBER 7, B.E. 2548
** DIN 45669-1:2010
** DIN 4150-3:1999
ตำแหน่งพิกัดของสถานีตรวจวัด : 14.600339, 101.116164
ตำแหน่งพิกัด UTM ของสถานี : 727966E, 1615184N
^{1/} เกิดความถี่ไม่ต่อเนื่อง (NONEXISTENT ZC FREQUENCY)
- ตามมาตรการ เหมือง A1 กำหนดช่วงเวลาระเบิด ระหว่างเวลา 15:00-17:00 น.
- ตามมาตรการ เหมือง A2 กำหนดช่วงเวลาระเบิด ระหว่างเวลา 15:30-16:00 น. (ซึ่งจะเริ่มเปิดดำเนินการทำเหมืองประมาณ เดือน พ.ย. 65)
- ตามมาตรการ เหมือง C1 และ C2 กำหนดช่วงเวลาระเบิด ระหว่างเวลา 15:00-16:00 น.



(MR SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR



• DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL.
• REPORTED ANALYSIS REFERS TO SUBMITTED SAMPLE ONLY.



ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com
MEASURING PLACE : สถานีวิจัยห้วยขวาง
MEASURING TYPE : AMBIENT (VIBRATION) **RECEIVED DATE** : OCTOBER 10, 2025
MEASURING DATE : OCTOBER 10, 2025 **ANALYTICAL DATE** : OCTOBER 10, 2025
MEASURING TIME : * **ISSUE DATE** : NOVEMBER 25, 2025
MEASURING EQUIPMENT : VIBRATION METER** **REPORT NO.** : 2025-U107820
MEASURED BY : MR PAIRAT KUMNERDRAKSA **WORK NO.** : 2024-011041
ANALYSIS NO. : T25AX317-0012

TIME*	RESULT								
	สถานีวิจัยห้วยขวาง								
	TRANSVERSE						VERTICAL		
	X-AXIS (LONGITUDINAL)			Y-AXIS (TRANSVERSE)			Z-AXIS (VERTICAL)		
	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)
OCTOBER 10, 2025 T25AX317-0012 15:10 HOUR	<0.150	NOT APPLICABLE ^{1/}	-	<0.150	NOT APPLICABLE ^{1/}	-	<0.150	NOT APPLICABLE ^{1/}	-

REMARK : ** THE NATIONAL ENVIRONMENT COMMITTEE ANNOUNCEMENT NO. 37 (B.E. 2553) REGARDING VIBRATION STANDARDS,
FOR PREVENTING IMPACT ON BUILDINGS, DATED APRIL 26, B.E. 2553
** NOTIFICATION OF THE MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT ON THE ESTABLISHMENT OF STANDARDS FOR
CONTROLLING NOISE AND VIBRATION FROM QUARRYING ACTIVITIES, DATED NOVEMBER 7, B.E. 2548
** DIN 45669-1:2010
** DIN 4150-3:1999
ตำแหน่งพิกัดของสถานีตรวจวัด : 14.484403, 100.965488
ตำแหน่งพิกัด UTM ของสถานี : 711839E, 1602209N
^{1/} เกิดความถี่ไม่ต่อเนื่อง (NONEXISTENT ZC FREQUENCY)
- ตามมาตรฐาน เหมือง A1 กำหนดช่วงเวลาระเบิด ระหว่างเวลา 15:00-17:00 น.
- ตามมาตรฐาน เหมือง A2 กำหนดช่วงเวลาระเบิด ระหว่างเวลา 15:30-16:00 น. (ซึ่งจะเริ่มเปิดดำเนินการทำเหมืองประมาณ เดือน พ.ย. 65)
- ตามมาตรฐาน เหมือง C1 และ C2 กำหนดช่วงเวลาระเบิด ระหว่างเวลา 15:00-16:00 น.



(MR SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR



• DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL.
• REPORTED ANALYSIS REFERS TO SUBMITTED SAMPLE ONLY.



ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com
MEASURING PLACE : วัดสร้างใหม่ถ้ำนาคราชโสภณวนาราม
MEASURING TYPE : AMBIENT (VIBRATION) **RECEIVED DATE** : OCTOBER 10, 2025
MEASURING DATE : OCTOBER 10, 2025 **ANALYTICAL DATE** : OCTOBER 10, 2025
MEASURING TIME : * **ISSUE DATE** : NOVEMBER 25, 2025
MEASURING EQUIPMENT : VIBRATION METER** **REPORT NO.** : 2025-U107795
MEASURED BY : MR NOPPADON NIAMNIYOM **WORK NO.** : 2024-011041
ANALYSIS NO. : T25AX318-0007

TIME*	RESULT								
	วัดสร้างใหม่ถ้ำนาคราชโสภณวนาราม								
	TRANSVERSE						VERTICAL		
	X-AXIS (LONGITUDINAL)			Y-AXIS (TRANSVERSE)			Z-AXIS (VERTICAL)		
	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)
OCTOBER 10, 2025 T25AX318-0007 15:10 HOUR	<0.150	NOT APPLICABLE ^{1/}	-	<0.150	NOT APPLICABLE ^{1/}	-	<0.150	NOT APPLICABLE ^{1/}	-

REMARK : ** THE NATIONAL ENVIRONMENT COMMITTEE ANNOUNCEMENT NO. 37 (B.E. 2553) REGARDING VIBRATION STANDARDS,
FOR PREVENTING IMPACT ON BUILDINGS, DATED APRIL 26, B.E. 2553
** NOTIFICATION OF THE MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT ON THE ESTABLISHMENT OF STANDARDS FOR
CONTROLLING NOISE AND VIBRATION FROM QUARRYING ACTIVITIES, DATED NOVEMBER 7, B.E. 2548
** DIN 45669-1:2010
** DIN 4150-3:1999

ตำแหน่งพิกัดของสถานีตรวจวัด : 14.604604, 101.103204
ตำแหน่งพิกัด UTM ของสถานี : 726565E, 1615643N

^{1/} เกิดความถี่ไม่ต่อเนื่อง (NONEXISTENT ZC FREQUENCY)

- ตามมาตรฐาน เหมือง A1 กำหนดช่วงเวลาระเบิด ระหว่างเวลา 15:00-17:00 น.
- ตามมาตรฐาน เหมือง A2 กำหนดช่วงเวลาระเบิด ระหว่างเวลา 15:30-16:00 น. (ซึ่งจะเริ่มเปิดดำเนินการทำเหมืองประมาณ เดือน พ.ย. 65)
- ตามมาตรฐาน เหมือง C1 และ C2 กำหนดช่วงเวลาระเบิด ระหว่างเวลา 15:00-16:00 น.



(MR SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR

ภาคผนวก ค-5

ใบรายงานผลการวิเคราะห์คุณภาพน้ำใต้ดิน

ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : Chod.pa@tpipolene.co.th
SAMPLING SOURCE : บ่อนาดาลสถานีวิจัยห้วยทาก
SAMPLE TYPE : GROUNDWATER
SAMPLING DATE : OCTOBER 21, 2025
SAMPLING TIME : 10:17 HOUR
SAMPLING METHOD ^c : GRAB
SAMPLING BY ^c : MR ACHITA SAENGJAN
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : OCTOBER 22, 2025
ANALYTICAL DATE : OCTOBER 22-30, 2025
ISSUE DATE : NOVEMBER 4, 2025
REPORT NO. : 2025-U099999
WORK NO. : 2024-011016
ANALYSIS NO. : T25AX913-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD		DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			GROUNDWATER T25AX913-0001	SUITABLE ALLOWANCE CONCENTRATION	MAXIMUM ALLOWABLE CONCENTRATION		
pH ^c	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.2 (26.8°C)	7.0-8.5	6.5-9.2	-	-
TURBIDITY ^c	NTU	NEPHELOMETRIC METHOD (SM: PART 2130 B)	< 0.5	≤ 5	≤ 20	-	0.5
TOTAL SUSPENDED SOLIDS ^c	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	< 5.0	-	-	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	414	≤ 600	≤ 1,200	-	25
TOTAL HARDNESS ^a	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: PART 2340 C)	416	≤ 300	≤ 500	1.0	4.0
SULPHATE ^a	mg/L SO ₄ ²⁻	TURBIDIMETRIC METHOD (SM: PART 4500-SO ₄ ²⁻ E)	40.4	≤ 200	≤ 250	1.0	4.0
CHLORIDE ^a	mg/L Cl ⁻	ARGENTOMETRIC METHOD (SM: 4500-Cl ⁻ B)	60.5	≤ 250	≤ 600	0.5	2.0



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD		DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			GROUNDWATER T25AX913-0001	SUITABLE ALLOWANCE CONCENTRATION	MAXIMUM ALLOWABLE CONCENTRATION		
METALS							
IRON ^a	mg/L Fe	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	< LOQ	≤ 0.5	≤ 1.0	0.005	0.050
SAMPLE CONDITION							
WATER'S COLOUR/TURBID			YELLOW/CLEAR				
SEDIMENT			YELLOW				

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

REGULATORY STANDARD : GROUNDWATER QUALITY STANDARD FOR DRINKING PURPOSES, SUITABLE ALLOWANCE AND MAXIMUM ALLOWABLE ONCENTRATIONS, NOTIFICATION OF THE MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT : TECHNICAL CRITERIAS AND MEASURES TO PREVENT PUBLIC HEALTH AND ENVIRONMENT HAZARD B.E.2551 (2008), ISSUED UNDER THE GROUND WATER ACT B.E.2520 (1977), PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL.125, SPECIAL PART 85D DATED MAY 21, B.E.2551 (2008).

THE GROUNDWATER LEVEL FROM THE END OF THE OBSERVATION WELL IS 15 METERS

< LOQ : < LIMIT OF QUANTITATION (IRON ≥ 0.005 AND < 0.050 mg/L).



(MR BHUCHONK PANICHLERTUMPI)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME	: TPI POLENE PUBLIC COMPANY LIMITED	RECEIVED DATE	: OCTOBER 22, 2025
ADDRESS	: 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260	ANALYTICAL DATE	: OCTOBER 22-30, 2025
CONTACT INFORMATION	: TEL : 06 4294 9161 e-mail : Chod.pa@tpipolene.co.th	ISSUE DATE	: NOVEMBER 4, 2025
SAMPLING SOURCE	: บ่อบาดาลวัดพระธาตุเจริญธรรม	REPORT NO.	: 2025-U100000
SAMPLE TYPE	: GROUNDWATER	WORK NO.	: 2024-011016
SAMPLING DATE	: OCTOBER 21, 2025	ANALYSIS NO.	: T25AX913-0002
SAMPLING TIME	: 13:40 HOUR		
SAMPLING METHOD ^c	: GRAB		
SAMPLING BY ^c	: MR ACHITA SAENGJAN		
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD		DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			GROUNDWATER T25AX913-0002	SUITABLE ALLOWANCE CONCENTRATION	MAXIMUM ALLOWABLE CONCENTRATION		
pH ^c	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.7 (31.1°C)	7.0-8.5	6.5-9.2	-	-
TURBIDITY ^c	NTU	NEPHELOMETRIC METHOD (SM: PART 2130 B)	< 0.5	≤ 5	≤ 20	-	0.5
TOTAL SUSPENDED SOLIDS ^c	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	< 5.0	-	-	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	512	≤ 600	≤ 1,200	-	25
TOTAL HARDNESS ^a	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: PART 2340 C)	440	≤ 300	≤ 500	1.0	4.0
SULPHATE ^a	mg/L SO ₄ ²⁻	TURBIDIMETRIC METHOD (SM: PART 4500-SO ₄ ²⁻ E)	106	≤ 200	≤ 250	1.0	4.0
CHLORIDE ^a	mg/L Cl ⁻	ARGENTOMETRIC METHOD (SM: 4500-Cl ⁻ B)	35.7	≤ 250	≤ 600	0.5	2.0



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD		DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			GROUNDWATER T25AX913-0002	SUITABLE ALLOWANCE CONCENTRATION	MAXIMUM ALLOWABLE CONCENTRATION		
METALS							
IRON ^a	mg/L Fe	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	< LOQ	≤ 0.5	≤ 1.0	0.005	0.050
SAMPLE CONDITION							
WATER'S COLOUR/TURBID			YELLOW/CLEAR				
SEDIMENT			YELLOW				

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

REGULATORY STANDARD : GROUNDWATER QUALITY STANDARD FOR DRINKING PURPOSES, SUITABLE ALLOWANCE AND MAXIMUM ALLOWABLE ONCENTRATIONS, NOTIFICATION OF THE MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT : TECHNICAL CRITERIAS AND MEASURES TO PREVENT PUBLIC HEALTH AND ENVIRONMENT HAZARD B.E.2551 (2008), ISSUED UNDER THE GROUND WATER ACT B.E.2520 (1977), PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL.125, SPECIAL PART 85D DATED MAY 21, B.E.2551 (2008).

THE GROUNDWATER LEVEL FROM THE END OF THE OBSERVATION WELL IS 18 METERS

< LOQ : < LIMIT OF QUANTITATION (IRON ≥ 0.005 AND < 0.050 mg/L).

Bhuchonk p.

(MR BHUCHONK PANICHLERTUMPI)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME	: TPI POLENE PUBLIC COMPANY LIMITED	RECEIVED DATE	: OCTOBER 22, 2025
ADDRESS	: 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260	ANALYTICAL DATE	: OCTOBER 22-30, 2025
CONTACT INFORMATION	: TEL : 06 4294 9161 e-mail : Chod.pa@tpipolene.co.th	ISSUE DATE	: NOVEMBER 4, 2025
SAMPLING SOURCE	: บ่อบาดาลชุมชนเกษตรสัมพันธ์	REPORT NO.	: 2025-U100001
SAMPLE TYPE	: GROUNDWATER	WORK NO.	: 2024-011016
SAMPLING DATE	: OCTOBER 21, 2025	ANALYSIS NO.	: T25AX913-0003
SAMPLING TIME	: 09:50 HOUR		
SAMPLING METHOD ^c	: GRAB		
SAMPLING BY ^c	: MR ACHITA SAENGJAN		
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD		DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			GROUNDWATER T25AX913-0003	SUITABLE ALLOWANCE CONCENTRATION	MAXIMUM ALLOWABLE CONCENTRATION		
pH ^c	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.5 (26.4°C)	7.0-8.5	6.5-9.2	-	-
TURBIDITY ^c	NTU	NEPHELOMETRIC METHOD (SM: PART 2130 B)	< 0.5	≤ 5	≤ 20	-	0.5
TOTAL SUSPENDED SOLIDS ^c	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	< 5.0	-	-	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	249	≤ 600	≤ 1,200	-	25
TOTAL HARDNESS ^a	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: PART 2340 C)	274	≤ 300	≤ 500	1.0	4.0
SULPHATE ^a	mg/L SO ₄ ²⁻	TURBIDIMETRIC METHOD (SM: PART 4500-SO ₄ ²⁻ E)	7.6	≤ 200	≤ 250	1.0	4.0
CHLORIDE ^a	mg/L Cl ⁻	ARGENTOMETRIC METHOD (SM: 4500-Cl ⁻ B)	5.5	≤ 250	≤ 600	0.5	2.0



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD		DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			GROUNDWATER T25AX913-0003	SUITABLE ALLOWANCE CONCENTRATION	MAXIMUM ALLOWABLE CONCENTRATION		
METALS							
IRON ^a	mg/L Fe	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	< LOQ	≤ 0.5	≤ 1.0	0.005	0.050
SAMPLE CONDITION							
WATER'S COLOUR/TURBID			YELLOW/CLEAR				
SEDIMENT			YELLOW				

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

REGULATORY STANDARD : GROUNDWATER QUALITY STANDARD FOR DRINKING PURPOSES, SUITABLE ALLOWANCE AND MAXIMUM ALLOWABLE ONCENTRATIONS, NOTIFICATION OF THE MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT : TECHNICAL CRITERIAS AND MEASURES TO PREVENT PUBLIC HEALTH AND ENVIRONMENT HAZARD B.E.2551 (2008), ISSUED UNDER THE GROUND WATER ACT B.E.2520 (1977), PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL.125, SPECIAL PART 85D DATED MAY 21, B.E.2551 (2008).

THE GROUNDWATER LEVEL FROM THE END OF THE OBSERVATION WELL IS 14 METERS

< LOQ : < LIMIT OF QUANTITATION (IRON ≥ 0.005 AND < 0.050 mg/L).



(MR BHUCHONK PANICHLERTUMPI)
LABORATORY SUPERVISOR

ภาคผนวก ค-6

ใบรายงานผลการวิเคราะห์คุณภาพน้ำผิวดิน

ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : Chod.pa@tpipolene.co.th
SAMPLING SOURCE : ห้วยไม่มีชื่อ ทางทิศใต้ของโครงการเหมืองใหม่ C1
SAMPLE TYPE : SURFACE WATER
SAMPLING DATE : OCTOBER 22, 2025
SAMPLING TIME : 10:35 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR ACHITA SAENGJAN
ANALYZED BY : MISS KEWALEE SUKHAREE

RECEIVED DATE : OCTOBER 22, 2025
ANALYTICAL DATE : OCTOBER 22-30, 2025
ISSUE DATE : NOVEMBER 6, 2025
REPORT NO. : 2025-U099709
WORK NO. : 2024-011015
ANALYSIS NO. : T25AX912-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			SURFACE WATER T25AX912-0004			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	8.2 (27.2°C)	5.0-9.0	-	-
TURBIDITY ^c	NTU	NEPHELOMETRIC METHOD (SM: PART 2130 B)	4.1	-	-	0.5
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	< 5.0	-	-	5.0
TOTAL HARDNESS ^a	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: PART 2340 C)	169	-	1.0	4.0
SULPHATE ^a	mg/L SO ₄ ²⁻	TURBIDIMETRIC METHOD (SM: PART 4500-SO ₄ ²⁻ E)	10.4	-	1.0	4.0
CHLORIDE ^a	mg/L Cl ⁻	ARGENTOMETRIC METHOD (SM: 4500-Cl ⁻ B)	4.0	-	0.5	2.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	200	-	-	25



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			SURFACE WATER T25AX912-0004			
METALS						
MANGANESE ^a	mg/L Mn	UAE.TP.HEM.005 BASED ON SM: PART 3030 E AND PART 3111 B	< LOQ	≤ 1.0	0.002	0.025
IRON ^a	mg/L Fe	UAE.TP.HEM.005 BASED ON SM: PART 3030 E AND PART 3111 B	0.184	-	0.005	0.050
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/CLEAR			
SEDIMENT			YELLOW			

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

REGULATORY STANDARD : SURFACE WATER QUALITY STANDARDS CLASS 3, NOTIFICATION OF THE NATIONAL ENVIRONMENT BOARD, NO.8, B.E. 2537 ISSUED UNDER THE ENCHANCEMENT AND CONSERVATION OF NATIONAL ENVIRONMENTAL QUALITY ACT, B.E. 2535, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 111, PART 16, DATED FEBRUARY 24, B.E. 2537 (1994).

CLASS 3 : MEDIUM CLEAN FRESH SURFACE WATER RESOURCES USED FOR
(1) CONSUMPTION, BUT PASSING THROUGH AN ORDINARY TREATMENT PROCESS BEFORE USING
(2) AGRICULTURE

ND : NOT DETECTED.

< LOQ : < LIMIT OF QUANTITATION (MANGANESE ≥ 0.002 AND < 0.025 mg/L).

Bhuchonk

(MR BHUCHONK PANICHLERTUMPI)
LABORATORY SUPERVISOR