

ภาคผนวก ค

ใบรายงานผลการวิเคราะห์

ภาคผนวก ค-1

ใบรายงานผลการวิเคราะห์คุณภาพอากาศในบรรยากาศ



United Analyst and Engineering Consultant Co., Ltd.
3 Soi Udomsuk 41, Sukhumvit Road, Bangkok, Phrakhanong, Bangkok 10260
Tel: 02-2763-2828 Fax: 02-2763-2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

ANALYSIS REPORT

CUSTOMER NAME : TPI POLINE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPAP ROAD MITTRAPHAP TABKWANG KAENGKOT SARABURI 18260
CONTACT INFORMATION : TEL : 06-4294 9161 e-mail : chod.padmuk@gmail.com
SAMPLING SOURCE : บ้านโพธิ์ ต.บ้านโพธิ์ อ.เมือง จ.ฉะเชิงเทรา : 14.619630, 101.140996
ตำบลโพธิ์ UTM : 730622E, 1617344N
SAMPLE TYPE : AMBIENT
SAMPLING DATE : FEBRUARY 12, 2024
SAMPLING TIME : 09:00, 10:30, 12:16, 14:30
SAMPLING BY : MR. PAIRAT KUMNERAKSA
ANALYZED BY : MISS JETJARN TUMSA-AT
RECEIVED DATE : FEBRUARY 12, 2024
ANALYTICAL DATE : FEBRUARY 12-16, 2024
ISSUE DATE : FEBRUARY 20, 2024
REPORT NO. : 2024-U014135
WORK NO. : 2023-010637
ANALYSIS NO. : T24AC751-0010 - T24AC751-0012

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			* T24AC751-0010	** T24AC751-0011	*** T24AC751-0012
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.0834	0.1198	0.1063
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.0241	0.0430	0.0581
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE

REMARK
TSP, PM10 : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.
TSP : 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.
PM10 : 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.
* : SAMPLING FROM 10:30 HOUR ON FEBRUARY 6, 2024 TO 10:30 HOUR ON FEBRUARY 7, 2024.
** : SAMPLING FROM 10:30 HOUR ON FEBRUARY 7, 2024 TO 10:30 HOUR ON FEBRUARY 8, 2024.
*** : SAMPLING FROM 10:30 HOUR ON FEBRUARY 8, 2024 TO 10:30 HOUR ON FEBRUARY 9, 2024.

Budsakorn ✓
(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR

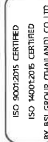
FEBRUARY 20, 2024

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RECEIVED DATE : FEBRUARY 12, 2024
ANALYTICAL DATE : FEBRUARY 12-16, 2024
ISSUE DATE : FEBRUARY 20, 2024
REPORT NO. : 2024-U014182
WORK NO. : 2023-010637
ANALYSIS NO. : T24AC751-0010 - T24AC751-0012

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	
			T24AC751-0010 - T24AC751-0012	0.1032
AVERAGE OF TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD) AND CALCULATION METHOD		
AVERAGE OF PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD) AND CALCULATION METHOD		0.0417
SAMPLE CONDITION			COMPLETE	

REMARK
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TSP : 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.
PM10 : 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.
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(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR

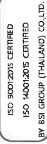
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CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com
SAMPLING SOURCE : อนุสรณ์พันธุ์ อุทกศาสตร์ : 14.600339, 101.116164
: อนุสรณ์พันธุ์ อุทกศาสตร์ : 727966E, 1615184N
: AMBIENT
: *
: *
: *
SAMPLE TYPE : RECEIVED DATE : FEBRUARY 12, 2024
SAMPLING DATE : ANALYTICAL DATE : FEBRUARY 12-16, 2024
SAMPLING TIME : : FEBRUARY 20, 2024
SAMPLING BY : : 2024-U014264
ANALYZED BY : MISS JETJARIN TUNSA-AT
: 2023-010637
ANALYSIS NO. : T24AC753-0007 - T24AC753-0009

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			T24AC753-0007	T24AC753-0008	T24AC753-0009
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.1087	0.0617	0.1049
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.0894	0.0495	0.0884
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE

REMARK
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LABORATORY SUPERVISOR

FEBRUARY 20, 2024

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CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com
SAMPLING SOURCE : อนุสรณ์พันธุ์ อุทกศาสตร์ : 14.600339, 101.116164
: อนุสรณ์พันธุ์ อุทกศาสตร์ : 727966E, 1615184N
: AMBIENT
: *
: *
: *
SAMPLE TYPE : RECEIVED DATE : FEBRUARY 12, 2024
SAMPLING DATE : ANALYTICAL DATE : FEBRUARY 12-16, 2024
SAMPLING TIME : : FEBRUARY 20, 2024
SAMPLING BY : : 2024-U014273
ANALYZED BY : MISS JETJARIN TUNSA-AT
: 2023-010637
ANALYSIS NO. : T24AC753-0007 - T24AC753-0009

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	
			T24AC753-0007	T24AC753-0009
AVERAGE OF TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD) AND CALCULATION METHOD		0.0918
AVERAGE OF PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD) AND CALCULATION METHOD		0.0758
SAMPLE CONDITION			COMPLETE	

REMARK
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PM10 : 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.
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FEBRUARY 20, 2024

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ANALYSIS REPORT

CUSTOMER NAME : TPI POLINE 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
SAMPLING SOURCE : TUBKWANG RESEARCH CENTER จำนวนที่เก็บสารมลพิษ : 14-484403, 100-965488
ตำแหน่งที่เก็บ UTM : 711839E, 1602209N
SAMPLE TYPE : AMBIENT
SAMPLING DATE : * , * , * , *
SAMPLING TIME : * , * , * , *
SAMPLING BY : MR CHANNARONG AMLOY
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : FEBRUARY 12, 2024
ANALYTICAL DATE : FEBRUARY 12-16, 2024
ISSUE DATE : FEBRUARY 20, 2024
REPORT NO. : 2024-U014235
WORK NO. : 2023-010637
ANALYSIS NO. : T24AC752-0001 - T24AC752-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			T24AC752-0001	T24AC752-0002	T24AC752-0003
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.1004	0.1553	0.1441
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.0291	0.0473	0.0256
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE

REMARK
TSP, PM10 : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.
TSP : US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER 1 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.
PM10 : US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER 1 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.
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SAMPLING SOURCE : TUBKWANG RESEARCH CENTER จำนวนที่เก็บสารมลพิษ : 14-484403, 100-965488
ตำแหน่งที่เก็บ UTM : 711839E, 1602209N
SAMPLE TYPE : AMBIENT
SAMPLING DATE : * , * , * , *
SAMPLING TIME : * , * , * , *
SAMPLING BY : MR CHANNARONG AMLOY
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : FEBRUARY 12, 2024
ANALYTICAL DATE : FEBRUARY 12-16, 2024
ISSUE DATE : FEBRUARY 20, 2024
REPORT NO. : 2024-U014239
WORK NO. : 2023-010637
ANALYSIS NO. : T24AC752-0001 - T24AC752-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	
			T24AC752-0001	T24AC752-0003
AVERAGE OF TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD) AND CALCULATION METHOD	0.1333	
AVERAGE OF PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD) AND CALCULATION METHOD	0.0340	
SAMPLE CONDITION			COMPLETE	

REMARK
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PM10 : US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER 1 PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD)
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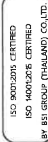
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CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com
SAMPLING SOURCE : TAM NAKARAT TEMPLE อุทยานแห่งชาติเขาสามสิบ : 14.604604, 101.103204
อุทยานแห่งชาติ UTM : 726565E, 1615643N
SAMPLE TYPE : AMBIENT
SAMPLING DATE : FEBRUARY 12, 2024
SAMPLING TIME : *
SAMPLING BY : *
SAMPLING BY : MR CHANNARONG AMLOY
ANALYZED BY : MISS JETJARIN TUMSA-AT
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ISSUE DATE : FEBRUARY 20, 2024
REPORT NO. : 2024-U014236
WORK NO. : 2023-010637
ANALYSIS NO. : T24AC752-0004 - T24AC752-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			T24AC752-0004	T24AC752-0005	T24AC752-0006
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.1185	0.0788	0.0878
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.0701	0.0420	0.0398
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE

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

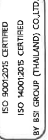
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REPORT NO. : 2024-U014240
WORK NO. : 2023-010637
ANALYSIS NO. : T24AC752-0004 - T24AC752-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	
			TAM NAKARAT TEMPLE T24AC752-0004 - T24AC752-0006	
AVERAGE OF TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD) AND CALCULATION METHOD		0.0950
AVERAGE OF PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD) AND CALCULATION METHOD		0.0506
SAMPLE CONDITION				COMPLETE

REMARK
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United Analyst and Engineering Consultant Co., Ltd.
3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260
Tel 0 2763 2828 Fax 0 2763 2800 www.uaiconsultant.com E-mail: uae@uaiconsultant.com

ANALYSIS REPORT

CUSTOMER NAME : TPI POLINE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKHWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com
SAMPLING SOURCE : PRATATCHAREONTHAM TEMPLE ส่วนพื้นที่ป่าสงวนแห่งชาติ
พื้นที่ป่าดิบชื้น UTM zone 48 N.D. : 727076E, 1618606N
SAMPLE TYPE : AMBIENT
SAMPLING DATE : FEBRUARY 12, 2024
SAMPLING TIME : *
SAMPLING BY : *
SAMPLING BY : MR. CHANNARONG ANLOY
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : FEBRUARY 12, 2024
ANALYTICAL DATE : FEBRUARY 12-16, 2024
ISSUE DATE : FEBRUARY 20, 2024
REPORT NO. : 2024-U014237
WORK NO. : 2023-010637
ANALYSIS NO. : T24AC752-0007 - T24AC752-0009

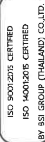
PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			T24AC752-0007	T24AC752-0008	T24AC752-0009
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.0884	0.0656	0.0619
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.0512	0.0513	0.0411
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE

REMARK
TSP, PM10 : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.
TSP : 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.
PM10 : 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.
* : SAMPLING FROM 09:00 HOUR ON FEBRUARY 6, 2024 TO 09:00 HOUR ON FEBRUARY 7, 2024.
* : SAMPLING FROM 09:00 HOUR ON FEBRUARY 7, 2024 TO 09:00 HOUR ON FEBRUARY 8, 2024.
*** : SAMPLING FROM 09:00 HOUR ON FEBRUARY 8, 2024 TO 09:00 HOUR ON FEBRUARY 9, 2024.

(MISS BUDSAKORN LERPANUMAS)
LABORATORY SUPERVISOR

FEBRUARY 20, 2024

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ANALYSIS REPORT

CUSTOMER NAME : TPI POLINE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKHWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com
SAMPLING SOURCE : PRATATCHAREONTHAM TEMPLE ส่วนพื้นที่ป่าสงวนแห่งชาติ
พื้นที่ป่าดิบชื้น UTM zone 48 N.D. : 727076E, 1618606N
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *
SAMPLING TIME : *
SAMPLING BY : MR. CHANNARONG ANLOY
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : FEBRUARY 12, 2024
ANALYTICAL DATE : FEBRUARY 12-16, 2024
ISSUE DATE : FEBRUARY 20, 2024
REPORT NO. : 2024-U014241
WORK NO. : 2023-010637
ANALYSIS NO. : T24AC752-0007 - T24AC752-0009

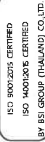
PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	
			PRATATCHAREONTHAM TEMPLE	T24AC752-0007 - T24AC752-0009
AVERAGE OF TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD) AND CALCULATION METHOD		0.0720
AVERAGE OF PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD) AND CALCULATION METHOD		0.0479
SAMPLE CONDITION			COMPLETE	

REMARK
TSP, PM10 : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.
TSP : 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.
PM10 : 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.
* : SAMPLING FROM 09:00 HOUR ON FEBRUARY 6, 2024 TO 09:00 HOUR ON FEBRUARY 9, 2024.

(MISS BUDSAKORN LERPANUMAS)
LABORATORY SUPERVISOR

FEBRUARY 20, 2024

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

ANALYSIS REPORT

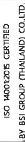
CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com
SAMPLING SOURCE : บ้านหนองพุ่มน้ำ ตำบลหนองพุ่มน้ำ อำเภอสว่างวีระวงศ์ : 14.635760, 101.125087
ตำบลหนองพุ่มน้ำ UTM ทราบค่า : 728891E, 1619113N
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *
SAMPLING TIME : *
SAMPLING BY : MR PAIRAT KUMNERDRAKSA
ANALYZED BY : MISS JETJARAN TUNSA-AT
RECEIVED DATE : FEBRUARY 12, 2024
ANALYTICAL DATE : FEBRUARY 12-16, 2024
ISSUE DATE : FEBRUARY 20, 2024
REPORT NO. : 2024-U013975
WORK NO. : 2023-010637
ANALYSIS NO. : T24AC750-0019 - T24AC750-0021

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			T24AC750-0019	T24AC750-0020	T24AC750-0021
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.0909	0.0757	0.0996
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.0582	0.0499	0.0317
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE

REMARK
TSP, PM10 : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.
TSP : 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.
PM10 : 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.
* : SAMPLING FROM 09:45 HOUR ON FEBRUARY 2, 2024 TO 09:45 HOUR ON FEBRUARY 3, 2024.
** : SAMPLING FROM 09:45 HOUR ON FEBRUARY 3, 2024 TO 09:45 HOUR ON FEBRUARY 4, 2024.
*** : SAMPLING FROM 09:45 HOUR ON FEBRUARY 4, 2024 TO 09:45 HOUR ON FEBRUARY 5, 2024.


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LABORATORY SUPERVISOR

FEBRUARY 20, 2024
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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
SAMPLING SOURCE : บ้านหนองพุ่มน้ำ ตำบลหนองพุ่มน้ำ อำเภอสว่างวีระวงศ์ : 14.635760, 101.125087
ตำบลหนองพุ่มน้ำ UTM ทราบค่า : 728891E, 1619113N
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *
SAMPLING TIME : *
SAMPLING BY : MR PAIRAT KUMNERDRAKSA
ANALYZED BY : MISS JETJARAN TUNSA-AT
RECEIVED DATE : FEBRUARY 12, 2024
ANALYTICAL DATE : FEBRUARY 12-16, 2024
ISSUE DATE : FEBRUARY 20, 2024
REPORT NO. : 2024-U014170
WORK NO. : 2023-010637
ANALYSIS NO. : T24AC750-0019 - T24AC750-0021

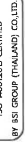
PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	
			T24AC750-0019	T24AC750-0021
AVERAGE OF TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD) AND CALCULATION METHOD		0.0887
AVERAGE OF PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD) AND CALCULATION METHOD		0.0466
SAMPLE CONDITION			COMPLETE	

REMARK
TSP, PM10 : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.
TSP : 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.
PM10 : 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.
* : SAMPLING FROM 09:45 HOUR ON FEBRUARY 2, 2024 TO 09:45 HOUR ON FEBRUARY 5, 2024.


(MISS BUDSAKORN LERPANUMAS)
LABORATORY SUPERVISOR

FEBRUARY 20, 2024

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Tel.0763 2828 Fax.0763 2800 www.uaeconsultant.com E-mail:uae@uaeconsultant.com

ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOT SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com
MEASURING PLACE : BAN SAI-NGAM
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : FEBRUARY 6-9, 2024
MEASURING TIME : *
MEASURING EQUIPMENT : WIND SPEED & WIND DIRECTION EQUIPMENT
MEASURED BY : MR PAIRAT KUMNERAKSA
RECEIVED DATE : FEBRUARY 6-9, 2024
ANALYTICAL DATE : FEBRUARY 6-9, 2024
REPORT NO. : 2024-U013076
WORK NO. : 2023-010637
ANALYSIS NO. : T24AC751-0010 - T24AC751-0012

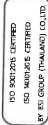
TIME*	RESULT (m/s)					
	BAN SAI-NGAM					
	FEBRUARY 6-7, 2024			FEBRUARY 7-8, 2024		
	T24AC751-0010			T24AC751-00011		
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
08:00-09:00 HOUR	1.5	ESE	1.2	SSW	1.2	ESE
09:00-10:00 HOUR	1.4	SSE	1.1	SSW	1.1	ESE
10:00-11:00 HOUR	1.8	SE	0.9	S	1.2	SE
11:00-12:00 HOUR	1.0	SSE	0.8	SSE	1.3	SE
12:00-13:00 HOUR	1.3	SSE	1.0	ESE	1.9	ESE
13:00-14:00 HOUR	1.1	SW	0.8	SE	2.0	SE
14:00-15:00 HOUR	1.5	S	0.9	SE	2.1	SE
15:00-16:00 HOUR	1.4	SSW	1.0	ESE	1.8	SSE
16:00-17:00 HOUR	0.9	SW	0.9	S	1.6	S
17:00-18:00 HOUR	0.8	SSW	1.5	SE	1.3	SSE
18:00-19:00 HOUR	1.1	S	1.8	ESE	1.2	S
19:00-20:00 HOUR	0.7	S	1.3	S	0.9	ESE
20:00-21:00 HOUR	0.8	SE	2.1	S	0.8	SSE
21:00-22:00 HOUR	0.9	SE	1.6	SSE	1.0	SE
22:00-23:00 HOUR	1.0	E	1.3	SE	0.7	SE
23:00-00:00 HOUR	0.9	E	1.7	ESE	0.8	SE
00:00-01:00 HOUR	0.9	SSE	1.0	SE	0.7	SE
01:00-02:00 HOUR	0.7	SSE	0.9	ESE	1.0	S
02:00-03:00 HOUR	1.0	S	1.0	ESE	0.9	SSE
03:00-04:00 HOUR	1.1	SE	0.7	SE	0.9	S
04:00-05:00 HOUR	1.5	SSE	0.8	ESE	1.1	S
05:00-06:00 HOUR	1.7	S	1.0	SE	0.9	SSE
06:00-07:00 HOUR	1.2	WSW	1.3	SE	1.0	S
07:00-08:00 HOUR	1.8	WSW	1.1	SE	0.7	SSE
AVERAGE	1.2	-	1.2	-	1.2	-

ตำแหน่งที่ตั้งของสถานีตรวจวัด : 14.519630, 101.140996
ตำแหน่งที่ตั้ง UTM ขนานทาง : 730622E, 1617344N

bit ๗

(MR SILA BANJONGAIRUK)
LABORATORY SUPERVISOR
FEBRUARY 16, 2024

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ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOT SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com
MEASURING PLACE : KASETSAMPHUN CUMMUNITY
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : FEBRUARY 6-9, 2024
MEASURING TIME : *
MEASURING EQUIPMENT : WIND SPEED & WIND DIRECTION EQUIPMENT
MEASURED BY : MR PAIRAT KUMNERAKSA
RECEIVED DATE : FEBRUARY 6-9, 2024
ANALYTICAL DATE : FEBRUARY 6-9, 2024
REPORT NO. : 2024-U013079
WORK NO. : 2023-010637
ANALYSIS NO. : T24AC753-0007 - T24AC753-0009

TIME*	RESULT (m/s)					
	KASETSAMPHUN CUMMUNITY					
	FEBRUARY 6-7, 2024			FEBRUARY 7-8, 2024		
	T24AC753-0007			T24AC753-0008		
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	1.4	E	1.5	S	1.4	S
08:00-09:00 HOUR	1.3	E	1.0	WSW	1.1	SSW
09:00-10:00 HOUR	1.7	ESE	1.0	SW	0.7	SSE
10:00-11:00 HOUR	1.6	ESE	1.1	SSE	0.9	S
11:00-12:00 HOUR	1.4	S	1.0	SSE	1.2	SSW
12:00-13:00 HOUR	1.5	ESE	1.1	S	1.4	SSE
13:00-14:00 HOUR	0.9	S	1.2	SW	1.5	SE
14:00-15:00 HOUR	1.2	S	1.2	WSW	1.7	SSE
15:00-16:00 HOUR	0.8	SSE	1.1	SSW	1.3	SE
16:00-17:00 HOUR	0.7	SSW	1.2	SW	0.8	SE
17:00-18:00 HOUR	0.9	SSW	1.7	SSW	1.0	SSE
18:00-19:00 HOUR	0.7	SSW	1.5	SSW	0.8	S
19:00-20:00 HOUR	1.1	S	1.5	SW	0.7	S
20:00-21:00 HOUR	1.1	S	1.6	SSE	1.1	SSE
21:00-22:00 HOUR	0.8	SSE	2.0	S	1.0	S
22:00-23:00 HOUR	0.8	S	1.9	SSE	0.9	ESE
23:00-00:00 HOUR	1.3	SE	1.5	SE	0.7	SSE
00:00-01:00 HOUR	1.6	SE	2.2	SSE	0.8	SSE
01:00-02:00 HOUR	1.3	ESE	2.0	SSE	0.9	ESE
02:00-03:00 HOUR	1.8	SE	1.5	S	0.7	ESE
03:00-04:00 HOUR	1.6	SSE	2.0	S	1.3	SE
04:00-05:00 HOUR	1.8	SSE	2.1	SSE	0.8	ESE
05:00-06:00 HOUR	1.8	SE	1.5	SSE	1.6	E
06:00-07:00 HOUR	1.9	SE	1.5	S	0.8	ESE
AVERAGE	1.3	-	1.5	-	1.0	-

ตำแหน่งที่ตั้งของสถานีตรวจวัด : 14.600339, 101.116164
ตำแหน่งที่ตั้ง UTM ขนานทาง : 727966E, 1615184N

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(MR SILA BANJONGAIRUK)
LABORATORY SUPERVISOR
FEBRUARY 16, 2024

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ANALYSIS REPORT

CUSTOMER NAME : TPI POLINE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKHWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com
MEASURING PLACE : TUBKWANG RESEARCH CENTER
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : FEBRUARY 6-9, 2024
MEASURING TIME : *
MEASURING EQUIPMENT : WIND SPEED & WIND DIRECTION EQUIPMENT
MEASURED BY : MR CHANNARONG ANLOY

RECEIVED DATE : FEBRUARY 6-9, 2024
ANALYTICAL DATE : FEBRUARY 6-9, 2024
REPORT NO. : 2024-U013061
WORK NO. : 2023-010637
ANALYSIS NO. : T24AC752-0001 - T24AC752-0003

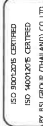
TIME*	TUBKWANG RESEARCH CENTER					
	FEBRUARY 6-7, 2024			FEBRUARY 7-8, 2024		
	T24AC752-0001			T24AC752-0002		
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	1.9	SE	1.8	S	0.9	SSE
08:00-09:00 HOUR	2.3	SSE	1.6	SSW	1.1	ESE
09:00-10:00 HOUR	1.7	ESE	1.1	SSW	1.0	ESE
10:00-11:00 HOUR	2.2	SSE	0.9	ESE	1.3	SSE
11:00-12:00 HOUR	1.8	SE	0.9	SSE	1.6	SSE
12:00-13:00 HOUR	2.2	SE	1.3	SE	1.3	SE
13:00-14:00 HOUR	2.3	SSE	1.9	SSW	1.4	ESE
14:00-15:00 HOUR	1.5	SSE	1.7	SSW	0.9	S
15:00-16:00 HOUR	2.1	S	1.9	SW	1.0	SE
16:00-17:00 HOUR	1.9	SSE	1.7	SW	1.0	S
17:00-18:00 HOUR	2.1	S	2.3	SSW	0.9	S
18:00-19:00 HOUR	1.5	SSE	2.2	SSW	1.0	SW
19:00-20:00 HOUR	1.5	SSW	2.1	S	0.8	SSW
20:00-21:00 HOUR	1.6	SSW	1.4	SSE	1.0	SW
21:00-22:00 HOUR	1.8	SE	1.4	S	0.9	S
22:00-23:00 HOUR	2.1	SSE	1.2	SSE	0.8	SSW
23:00-00:00 HOUR	1.4	SE	1.0	S	1.1	SSW
00:00-01:00 HOUR	2.1	E	0.9	SSE	1.1	S
01:00-02:00 HOUR	1.5	SE	0.8	S	1.8	SSW
02:00-03:00 HOUR	1.6	ESE	0.8	SE	2.1	SSE
03:00-04:00 HOUR	2.0	SSE	1.0	ESE	2.2	S
04:00-05:00 HOUR	2.0	ESE	0.8	SE	2.0	S
05:00-06:00 HOUR	1.8	SSE	1.0	SE	1.8	SSE
06:00-07:00 HOUR	1.6	SSE	0.8	ESE	1.4	SSE
AVERAGE	1.9	-	1.4	-	1.3	-

ตำแหน่งที่ตั้งของสถานีตรวจวัด : 14-484403, 100.965488
ตำแหน่งพิกัด UTM ของสถานี : 711839E, 1602209N

bit ๗

(MR SILA BANOONGJAIKUK)
LABORATORY SUPERVISOR
FEBRUARY 16, 2024

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Tel.02763 2828 Fax.02763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

ANALYSIS REPORT

CUSTOMER NAME : TPI POLINE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKHWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com
MEASURING PLACE : TAM NAKARAT TEMPLE
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : FEBRUARY 6-9, 2024
MEASURING TIME : *
MEASURING EQUIPMENT : WIND SPEED & WIND DIRECTION EQUIPMENT
MEASURED BY : MR CHANNARONG ANLOY

RECEIVED DATE : FEBRUARY 6-9, 2024
ANALYTICAL DATE : FEBRUARY 6-9, 2024
REPORT NO. : 2024-U013062
WORK NO. : 2023-010637
ANALYSIS NO. : T24AC752-0004 - T24AC752-0006

TIME*	TAM NAKARAT TEMPLE					
	FEBRUARY 6-7, 2024			FEBRUARY 7-8, 2024		
	T24AC752-0004			T24AC752-0005		
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	1.0	SE	1.5	SSW	1.8	SE
08:00-09:00 HOUR	0.9	SE	1.6	S	1.9	SE
09:00-10:00 HOUR	1.1	SSE	1.5	SSW	2.3	ESE
10:00-11:00 HOUR	0.9	SSE	1.9	SW	2.1	SE
11:00-12:00 HOUR	0.8	SSE	1.9	SSW	1.8	ESE
12:00-13:00 HOUR	1.1	S	1.7	S	1.6	E
13:00-14:00 HOUR	0.8	SSE	1.3	SE	1.9	ESE
14:00-15:00 HOUR	1.2	S	0.9	ESE	2.0	ESE
15:00-16:00 HOUR	1.1	S	1.3	ESE	2.1	ESE
16:00-17:00 HOUR	1.0	SSW	1.3	E	1.3	ESE
17:00-18:00 HOUR	1.3	SW	1.3	E	1.2	SE
18:00-19:00 HOUR	1.4	SSW	1.8	ESE	1.5	SSE
19:00-20:00 HOUR	1.4	S	1.9	SE	1.0	SSE
20:00-21:00 HOUR	1.5	SW	2.4	SSW	1.1	S
21:00-22:00 HOUR	2.0	SSW	2.2	SSW	1.0	SE
22:00-23:00 HOUR	2.4	SW	1.5	SSE	1.1	S
23:00-00:00 HOUR	1.7	SSW	1.3	S	1.1	SSE
00:00-01:00 HOUR	1.5	S	2.2	S	0.8	S
01:00-02:00 HOUR	1.9	S	2.0	S	1.1	SSE
02:00-03:00 HOUR	1.9	SSW	1.8	SSE	0.7	SSE
03:00-04:00 HOUR	1.8	S	1.7	SSE	1.0	SE
04:00-05:00 HOUR	1.8	SSE	2.2	SE	1.4	ESE
05:00-06:00 HOUR	1.7	S	2.0	ESE	0.8	SE
06:00-07:00 HOUR	2.1	SW	2.3	SE	1.0	SE
AVERAGE	1.4	-	1.7	-	1.4	-

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

bit ๗

(MR SILA BANOONGJAIKUK)
LABORATORY SUPERVISOR
FEBRUARY 16, 2024

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Tel.0 2763 2828 Fax.0 2763 2800 www.uaec consultant.com E-mail: uae@uaec consultant.com

ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOT SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com
MEASURING PLACE : PRATATCHAREONTHAM TEMPLE
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : FEBRUARY 6-9, 2024
MEASURING TIME : *
MEASURING EQUIPMENT : WIND SPEED & WIND DIRECTION EQUIPMENT
MEASURED BY : MR CHANNARONG AMLOY
RECEIVED DATE : FEBRUARY 6-9, 2024
ANALYTICAL DATE : FEBRUARY 6-9, 2024
REPORT NO. : 2024-U013063
WORK NO. : 2023-010637
ANALYSIS NO. : T24AC752-0007 - T24AC752-0009

TIME*	RESULT (m/s)					
	PRATATCHAREONTHAM TEMPLE					
	FEBRUARY 6-7, 2024 T24AC752-0007		FEBRUARY 7-8, 2024 T24AC752-0008		FEBRUARY 8-9, 2024 T24AC752-0009	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	1.0	SE	1.5	SSW	1.8	SE
08:00-09:00 HOUR	0.9	SE	1.6	S	1.9	SE
09:00-10:00 HOUR	1.1	SSE	1.5	SSW	2.3	ESE
10:00-11:00 HOUR	0.9	SSE	1.9	SW	2.1	SE
11:00-12:00 HOUR	0.8	SSE	1.9	SSW	1.8	ESE
12:00-13:00 HOUR	1.1	S	1.7	S	1.6	E
13:00-14:00 HOUR	0.8	SSE	1.3	SE	1.9	ESE
14:00-15:00 HOUR	1.2	S	0.9	ESE	2.0	ESE
15:00-16:00 HOUR	1.1	S	1.3	ESE	2.1	ESE
16:00-17:00 HOUR	1.0	SSW	1.3	E	1.3	ESE
17:00-18:00 HOUR	1.3	SW	1.3	E	1.2	SE
18:00-19:00 HOUR	1.4	SSW	1.8	ESE	1.5	SSE
19:00-20:00 HOUR	1.4	S	1.9	SE	1.0	SSE
20:00-21:00 HOUR	1.5	SW	2.4	SSW	1.1	S
21:00-22:00 HOUR	2.0	SSW	2.2	SSW	1.0	SE
22:00-23:00 HOUR	2.4	SW	1.5	SSE	1.1	S
23:00-00:00 HOUR	1.7	SSW	1.3	S	1.1	SSE
00:00-01:00 HOUR	1.5	S	2.2	S	0.8	S
01:00-02:00 HOUR	1.9	S	2.0	S	1.1	SSE
02:00-03:00 HOUR	1.9	SSW	1.8	SSE	0.7	SSE
03:00-04:00 HOUR	1.8	S	1.7	SSE	1.0	SE
04:00-05:00 HOUR	1.8	SSE	2.2	SE	1.0	ESE
05:00-06:00 HOUR	1.7	S	2.0	SE	0.8	ESE
06:00-07:00 HOUR	2.1	SW	2.3	SE	0.8	SE
AVERAGE	1.4	-	1.7	-	1.4	-

ตำแหน่งที่ตั้งของสถานีตรวจวัด : 14.631333, 101.108201
ตำแหน่งพิกัด UTM ของสถานี : 727076E, 1618606N

bit 7p

(MR SILA BANDONGJAIKUK)
LABORATORY SUPERVISOR
FEBRUARY 16, 2024

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ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOT SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com
MEASURING PLACE : SUB-BON PHATTHANA COMMUNITY
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : FEBRUARY 2-5, 2024
MEASURING TIME : *
MEASURING EQUIPMENT : WIND SPEED & WIND DIRECTION EQUIPMENT
MEASURED BY : MR PAIRAT KUMNERDRAKSA
RECEIVED DATE : FEBRUARY 2-5, 2024
ANALYTICAL DATE : FEBRUARY 2-5, 2024
REPORT NO. : 2024-1013072
WORK NO. : 2023-010637
ANALYSIS NO. : T24AC750-0019 - T24AC750-0021

TIME*	RESULT (m/s)					
	SUB-BON PHATTHANA COMMUNITY					
	FEBRUARY 2-3, 2024 T24AC750-0019		FEBRUARY 3-4, 2024 T24AC750-0020		FEBRUARY 4-5, 2024 T24AC750-0021	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
08:00-09:00 HOUR	0.9	ESE	0.5	ESE	0.9	ESE
09:00-10:00 HOUR	0.8	SE	0.6	SSE	0.8	ESE
10:00-11:00 HOUR	0.7	ESE	1.0	SE	1.0	SE
11:00-12:00 HOUR	0.8	ESE	0.8	ESE	0.9	ESE
12:00-13:00 HOUR	0.9	SE	0.9	ESE	1.3	E
13:00-14:00 HOUR	0.7	SE	1.1	ESE	1.6	ESE
14:00-15:00 HOUR	0.7	SE	1.2	E	1.4	SE
15:00-16:00 HOUR	1.1	SE	0.9	E	1.7	ESE
16:00-17:00 HOUR	0.8	ESE	0.7	ESE	1.5	SE
17:00-18:00 HOUR	0.7	SE	0.9	E	1.0	SE
18:00-19:00 HOUR	1.1	ESE	1.0	ESE	0.9	ESE
19:00-20:00 HOUR	1.0	SE	0.8	SE	1.0	E
20:00-21:00 HOUR	0.9	SSE	1.1	ESE	0.8	E
21:00-22:00 HOUR	1.0	SE	0.9	ESE	0.9	ESE
22:00-23:00 HOUR	0.9	SE	0.7	ESE	0.9	E
23:00-00:00 HOUR	0.8	SE	0.5	SE	1.0	SE
00:00-01:00 HOUR	1.2	SE	0.7	ESE	0.6	SE
01:00-02:00 HOUR	0.9	SE	0.9	SE	0.7	SE
02:00-03:00 HOUR	1.2	SSE	0.8	SE	0.9	SE
03:00-04:00 HOUR	0.9	SE	1.1	SE	0.8	SE
04:00-05:00 HOUR	0.8	SE	1.2	SE	0.9	SSE
05:00-06:00 HOUR	0.6	ESE	0.7	SE	1.0	SE
06:00-07:00 HOUR	0.9	SE	0.9	ESE	1.1	SE
07:00-08:00 HOUR	1.0	SE	1.0	SE	1.2	SE
AVERAGE	0.9	-	0.9	-	1.0	-

ตำแหน่งที่ตั้งของสถานีตรวจวัด : 14.636100, 101.124543
ตำแหน่งพิกัด UTM ของสถานี : 728832E, 1619150N

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(MR SILA BANDONGJAIKUK)
LABORATORY SUPERVISOR
FEBRUARY 16, 2024

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Tel: 02763 2828 Fax: 02763 2800 www.uaconsultant.com E-mail: uae@uaeconsultant.com

ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPAP ROAD MITTRAPHAP TABKWANG KAENGKOT SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com
MEASURING SOURCE : BAN SAI-NGAM
MEASURING TYPE : AMBIENT (NOISE)
MEASURING DATE : FEBRUARY 6-9, 2024
MEASURING TIME : 2024-U013088
MEASURING METHOD : *
MEASURING METHOD : INTEGRATED SOUND LEVEL METER
MEASURED BY : MR PAIRAT KUMNERAKSA

RECEIVED DATE : FEBRUARY 6-9, 2024
ANALYTICAL DATE : FEBRUARY 6-9, 2024
REPORT NO. : 2024-U013088
WORK NO. : 2023-010643
ANALYSIS NO. : T24AC759-0004 - T24AC759-0006

TIME*	RESULT dB(A)	
	BAN SAI-NGAM	T24AC759-0004
	L _{avg} 1 hour	L _{max} 1 hour
07:00-08:00 HOUR	46.6	61.7
08:00-09:00 HOUR	51.7	82.0
09:00-10:00 HOUR	50.2	69.0
10:00-11:00 HOUR	45.3	58.4
11:00-12:00 HOUR	44.6	59.5
12:00-13:00 HOUR	48.2	64.4
13:00-14:00 HOUR	48.7	67.3
14:00-15:00 HOUR	47.2	57.7
15:00-16:00 HOUR	49.6	62.3
16:00-17:00 HOUR	49.0	61.5
17:00-18:00 HOUR	51.0	67.7
18:00-19:00 HOUR	52.7	60.0
19:00-20:00 HOUR	53.0	60.0
20:00-21:00 HOUR	53.7	60.5
21:00-22:00 HOUR	51.8	65.0
22:00-23:00 HOUR	50.0	57.0
23:00-00:00 HOUR	50.9	63.1
00:00-01:00 HOUR	50.0	59.2
01:00-02:00 HOUR	49.2	60.4
02:00-03:00 HOUR	46.9	57.3
03:00-04:00 HOUR	48.1	63.5
04:00-05:00 HOUR	46.7	52.9
05:00-06:00 HOUR	47.2	69.1
06:00-07:00 HOUR	48.5	64.7
L _{avg} 24 hours	49.8	

TIME*	RESULT dB(A)	
	BAN SAI-NGAM	T24AC759-0005
	L _{avg} 1 hour	L _{max} 1 hour
07:00-08:00 HOUR	51.3	67.5
08:00-09:00 HOUR	50.3	66.2
09:00-10:00 HOUR	48.4	63.2
10:00-11:00 HOUR	47.1	64.2
11:00-12:00 HOUR	46.3	64.7
12:00-13:00 HOUR	46.4	62.0
13:00-14:00 HOUR	46.1	63.1
14:00-15:00 HOUR	47.0	63.7
15:00-16:00 HOUR	48.7	62.4
16:00-17:00 HOUR	46.6	59.2
17:00-18:00 HOUR	47.4	66.7
18:00-19:00 HOUR	52.9	61.4
19:00-20:00 HOUR	51.4	58.3
20:00-21:00 HOUR	51.2	59.5
21:00-22:00 HOUR	52.8	64.7
22:00-23:00 HOUR	50.7	59.9
23:00-00:00 HOUR	50.6	59.9
00:00-01:00 HOUR	49.2	60.5
01:00-02:00 HOUR	49.6	59.0
02:00-03:00 HOUR	46.9	66.0
03:00-04:00 HOUR	46.2	53.8
04:00-05:00 HOUR	42.9	52.9
05:00-06:00 HOUR	43.7	57.6
06:00-07:00 HOUR	54.3	77.7
L _{avg} 24 hours	49.6	



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TIME*		RESULT dB(A) BAN SAI-NGAM FEBRUARY 8-9, 2024 T24AC759-0006	
		L _{avg} 1 hour	L _{max} 1 hour
07:00-08:00 HOUR		45.5	62.2
08:00-09:00 HOUR		48.2	69.7
09:00-10:00 HOUR		45.8	60.8
10:00-11:00 HOUR		47.2	64.0
11:00-12:00 HOUR		46.4	66.8
12:00-13:00 HOUR		45.5	62.8
13:00-14:00 HOUR		45.8	61.7
14:00-15:00 HOUR		47.7	71.0
15:00-16:00 HOUR		47.4	72.4
16:00-17:00 HOUR		49.1	76.0
17:00-18:00 HOUR		47.9	67.1
18:00-19:00 HOUR		53.0	68.1
19:00-20:00 HOUR		51.1	57.3
20:00-21:00 HOUR		49.4	63.3
21:00-22:00 HOUR		47.9	63.4
22:00-23:00 HOUR		48.1	59.5
23:00-00:00 HOUR		48.0	56.6
00:00-01:00 HOUR		48.5	53.8
01:00-02:00 HOUR		44.6	50.4
02:00-03:00 HOUR		44.3	52.2
03:00-04:00 HOUR		48.1	55.4
04:00-05:00 HOUR		44.8	52.2
05:00-06:00 HOUR		45.4	68.5
06:00-07:00 HOUR		48.5	66.0
L _{avg} 24 hours		48.0	

ตำแหน่งที่วัดผลเสียงตามอาคาร : 14.619630, 101.140996
ตำแหน่งพิกัด UTM ขั้วละตัว : 730622E 1617344N

.....
(MR. SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR

FEBRUARY 16, 2024

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2024-U013088

- End of Analysis Report -



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Tel 02763 2828 Fax 0 2763 2800 www.uaiconsultant.com E-mail: uae@uaiconsultant.com

ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKHOI SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com
MEASURING SOURCE : กลุ่มบ้านแถวถนนเทศบาลตำบล
MEASURING TYPE : AMBIENT (NOISE)
MEASURING DATE : FEBRUARY 6-9, 2024
MEASURING TIME : *
MEASURING METHOD : INTEGRATED SOUND LEVEL METER
MEASURED BY : MR. PAIRAT KUMNERDRAKSA

RECEIVED DATE : FEBRUARY 6-9, 2024
ANALYTICAL DATE : FEBRUARY 6-9, 2024
REPORT NO. : 2024-U013089
WORK NO. : 2023-010643
ANALYSIS NO. : T24AC759-0007 - T24AC759-0009

TIME*		RESULT dB(A) กลุ่มบ้านแถวถนนเทศบาลตำบล FEBRUARY 6-7, 2024 T24AC759-0007	
		L _{avg} 1 hour	L _{max} 1 hour
07:00-08:00 HOUR		51.9	83.6
08:00-09:00 HOUR		52.1	74.9
09:00-10:00 HOUR		51.0	74.6
10:00-11:00 HOUR		45.5	60.3
11:00-12:00 HOUR		47.3	73.9
12:00-13:00 HOUR		48.8	76.4
13:00-14:00 HOUR		50.9	73.7
14:00-15:00 HOUR		47.9	71.6
15:00-16:00 HOUR		48.9	75.1
16:00-17:00 HOUR		52.8	74.8
17:00-18:00 HOUR		53.4	75.9
18:00-19:00 HOUR		50.2	70.4
19:00-20:00 HOUR		54.4	78.1
20:00-21:00 HOUR		52.0	75.3
21:00-22:00 HOUR		49.1	67.7
22:00-23:00 HOUR		48.3	76.7
23:00-00:00 HOUR		44.9	81.2
00:00-01:00 HOUR		43.4	54.6
01:00-02:00 HOUR		43.4	63.9
02:00-03:00 HOUR		44.9	76.2
03:00-04:00 HOUR		46.5	80.5
04:00-05:00 HOUR		44.5	57.8
05:00-06:00 HOUR		45.8	71.4
06:00-07:00 HOUR		47.2	69.4
L _{avg} 24 hours		49.7	

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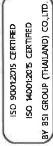
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Tel.0 2763 2828 Fax.0 2763 2800 www.uaeconsultant.com E-mail:uae@uaeconsultant.com

TIME*	RESULT dB(A)	
	กลุ่มบ้านแถวถนนเอกนครสัมพันธ์	
	FEBRUARY 7-8, 2024	
	T24AC759-0008	
	L _{eq} 1 hour	L _{max} 1 hour
07:00-08:00 HOUR	49.2	75.6
08:00-09:00 HOUR	49.6	70.3
09:00-10:00 HOUR	45.8	69.1
10:00-11:00 HOUR	45.9	64.4
11:00-12:00 HOUR	47.2	70.4
12:00-13:00 HOUR	52.2	81.8
13:00-14:00 HOUR	55.2	89.8
14:00-15:00 HOUR	50.3	69.8
15:00-16:00 HOUR	43.2	66.2
16:00-17:00 HOUR	51.3	75.4
17:00-18:00 HOUR	52.3	80.6
18:00-19:00 HOUR	47.3	69.5
19:00-20:00 HOUR	47.2	63.3
20:00-21:00 HOUR	44.2	70.2
21:00-22:00 HOUR	45.5	53.5
22:00-23:00 HOUR	44.6	62.6
23:00-00:00 HOUR	43.4	70.8
00:00-01:00 HOUR	46.4	60.8
01:00-02:00 HOUR	43.4	62.0
02:00-03:00 HOUR	42.3	53.1
03:00-04:00 HOUR	41.3	61.3
04:00-05:00 HOUR	45.2	67.4
05:00-06:00 HOUR	45.3	67.9
06:00-07:00 HOUR	52.8	87.7
L _{eq} 24 hours		48.8



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2024-U013089

- End of Analysis Report -



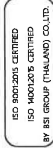
United Analyst and Engineering Consultant Co., Ltd.
3 Soi Udomsuk 41, Sukhumvit Road, Bangkok, Phrakhanong, Bangkok 10260
Tel.0 2763 2828 Fax.0 2763 2800 www.uaeconsultant.com E-mail:uae@uaeconsultant.com

TIME *	RESULT dB(A)	
	กลุ่มบ้านแถวถนนเอกนครสัมพันธ์	
	FEBRUARY 8-9, 2024	
	T24AC759-0009	
	L _{eq} 1 hour	L _{max} 1 hour
07:00-08:00 HOUR	51.7	74.5
08:00-09:00 HOUR	48.3	71.6
09:00-10:00 HOUR	50.8	67.6
10:00-11:00 HOUR	50.0	75.8
11:00-12:00 HOUR	48.4	70.7
12:00-13:00 HOUR	48.6	68.3
13:00-14:00 HOUR	45.8	72.6
14:00-15:00 HOUR	49.7	65.2
15:00-16:00 HOUR	47.2	68.4
16:00-17:00 HOUR	47.9	73.5
17:00-18:00 HOUR	48.1	66.7
18:00-19:00 HOUR	49.0	69.1
19:00-20:00 HOUR	47.0	65.5
20:00-21:00 HOUR	44.7	64.0
21:00-22:00 HOUR	47.1	72.5
22:00-23:00 HOUR	46.3	74.8
23:00-00:00 HOUR	43.0	54.5
00:00-01:00 HOUR	44.7	64.1
01:00-02:00 HOUR	46.5	77.2
02:00-03:00 HOUR	47.0	81.3
03:00-04:00 HOUR	42.8	59.4
04:00-05:00 HOUR	45.9	70.1
05:00-06:00 HOUR	46.8	70.6
06:00-07:00 HOUR	57.4	79.3
L _{eq} 24 hours		49.1

สำนักงานสิ่งแวดล้อมแห่งชาติ : 14 600339, 101.116164
สำนักงานสิ่งแวดล้อมเขตกรุงเทพมหานคร : 727966E, 1615184N


(MR. SILA BANJONGTAIRUK)
LABORATORY SUPERVISOR

FEBRUARY 16, 2024



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2024-U013089



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Tel.02763 2828 Fax.02763 2800 www.uaconsultant.com E-mail: uae@uaeconsultant.com



United Analyst and Engineering Consultant Co., Ltd.

3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260

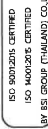
Tel.02763 2828 Fax.02763 2800 www.uaconsultant.com E-mail: uae@uaeconsultant.com

ANALYSIS REPORT

CUSTOMER NAME : TPI POLINE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOT SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com
MEASURING SOURCE : TUBKWANG RESEARCH CENTER
MEASURING TYPE : AMBIENT (NOISE)
MEASURING DATE : FEBRUARY 6-9, 2024
MEASURING TIME : *
MEASURING METHOD : INTEGRATED SOUND LEVEL METER
MEASURED BY : NR PAIRAT KUMNERDRAKSA

RECEIVED DATE : FEBRUARY 6-9, 2024
ANALYTICAL DATE : FEBRUARY 6-9, 2024
REPORT NO. : 2024-U013090
WORK NO. : 2023-010643
ANALYSIS NO. : T24AC759-0010 - T24AC759-0012

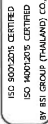
TIME*	RESULT dB(A)	
	TUBKWANG RESEARCH CENTER FEBRUARY 6-7, 2024 T24AC759-0010	
	L _{avg} 1 hour	L _{max} 1 hour
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08:00-09:00 HOUR	48.7	68.1
09:00-10:00 HOUR	52.3	71.4
10:00-11:00 HOUR	48.7	67.9
11:00-12:00 HOUR	46.1	67.6
12:00-13:00 HOUR	45.5	74.7
13:00-14:00 HOUR	45.4	62.0
14:00-15:00 HOUR	44.5	69.3
15:00-16:00 HOUR	47.7	66.0
16:00-17:00 HOUR	54.4	75.5
17:00-18:00 HOUR	52.9	81.2
18:00-19:00 HOUR	49.0	74.6
19:00-20:00 HOUR	50.3	71.0
20:00-21:00 HOUR	44.5	62.2
21:00-22:00 HOUR	44.5	67.9
22:00-23:00 HOUR	42.7	60.1
23:00-00:00 HOUR	38.9	60.3
00:00-01:00 HOUR	42.8	64.1
01:00-02:00 HOUR	41.5	58.3
02:00-03:00 HOUR	42.4	70.1
03:00-04:00 HOUR	43.5	56.3
04:00-05:00 HOUR	42.3	61.4
05:00-06:00 HOUR	46.2	63.0
06:00-07:00 HOUR	47.2	68.0
L _{avg} 24 hours	48.1	



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TIME*	RESULT dB(A)	
	TUBKWANG RESEARCH CENTER FEBRUARY 7-8, 2024 T24AC759-0011	
	L _{avg} 1 hour	L _{max} 1 hour
07:00-08:00 HOUR	45.0	76.5
08:00-09:00 HOUR	52.2	78.1
09:00-10:00 HOUR	53.7	74.4
10:00-11:00 HOUR	47.6	71.3
11:00-12:00 HOUR	50.4	72.0
12:00-13:00 HOUR	47.9	73.3
13:00-14:00 HOUR	47.5	66.8
14:00-15:00 HOUR	47.5	69.1
15:00-16:00 HOUR	43.5	76.5
16:00-17:00 HOUR	47.8	69.7
17:00-18:00 HOUR	50.1	75.1
18:00-19:00 HOUR	50.1	73.4
19:00-20:00 HOUR	50.2	75.5
20:00-21:00 HOUR	46.0	69.4
21:00-22:00 HOUR	43.1	66.2
22:00-23:00 HOUR	43.2	80.3
23:00-00:00 HOUR	40.5	73.1
00:00-01:00 HOUR	46.3	75.6
01:00-02:00 HOUR	41.2	66.6
02:00-03:00 HOUR	40.1	57.7
03:00-04:00 HOUR	42.9	66.3
04:00-05:00 HOUR	40.6	64.1
05:00-06:00 HOUR	44.2	76.0
06:00-07:00 HOUR	45.2	77.4
L _{avg} 24 hours	47.7	




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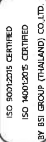
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Tel.0 2763 2828 Fax.0 2763 2800 www.uaec consultant.com E-mail: uae@uaec consultant.com

TIME*		RESULT dB(A)	
		TUBKWANG RESEARCH CENTER	
		FEBRUARY 8-9, 2024	
		T24AC759-0012	
		L _{eq} 1 hour	L _{max} 1 hour
07:00-08:00 HOUR		53.1	81.3
08:00-09:00 HOUR		58.1	76.5
09:00-10:00 HOUR		55.2	77.8
10:00-11:00 HOUR		48.5	73.9
11:00-12:00 HOUR		45.4	69.0
12:00-13:00 HOUR		52.6	80.8
13:00-14:00 HOUR		48.5	67.8
14:00-15:00 HOUR		46.1	68.6
15:00-16:00 HOUR		43.6	72.1
16:00-17:00 HOUR		42.5	70.0
17:00-18:00 HOUR		41.4	57.3
18:00-19:00 HOUR		43.0	66.2
19:00-20:00 HOUR		46.4	76.0
20:00-21:00 HOUR		43.1	60.1
21:00-22:00 HOUR		39.2	52.0
22:00-23:00 HOUR		43.7	57.4
23:00-00:00 HOUR		44.5	69.8
00:00-01:00 HOUR		44.7	56.8
01:00-02:00 HOUR		47.1	63.8
02:00-03:00 HOUR		49.6	78.2
03:00-04:00 HOUR		52.9	67.3
04:00-05:00 HOUR		47.3	76.1
05:00-06:00 HOUR		46.7	69.4
06:00-07:00 HOUR		48.8	71.1
L _{avg} 24 hours		49.9	

ค่าเฉลี่ยที่วัดผลสำเร็จรวม : 14-484403, 100.965488
ค่าเฉลี่ยที่วัด UTM ข้างล่าง : 711839E, 1602209N


.....
(MR. SILA BANTONGJAIRUK)
LABORATORY SUPERVISOR
FEBRUARY 16, 2024

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2024-U013090



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Tel.0 2763 2828 Fax.0 2763 2800 www.uaec consultant.com E-mail: uae@uaec consultant.com

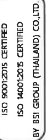
ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGK01 SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com
MEASURING SOURCE : TAM NAKARAT TEMPLE
MEASURING TYPE : AMBIENT (NOISE)
MEASURING DATE : FEBRUARY 6-9, 2024
MEASURING TIME : *
MEASURING METHOD : INTEGRATED SOUND LEVEL METER
MEASURED BY : MR. PAIRAT KUMNERAKSA

RECEIVED DATE : FEBRUARY 6-9, 2024
ANALYTICAL DATE : FEBRUARY 6-9, 2024
REPORT NO. : 2024-U013091
WORK NO. : 2023-010643
ANALYSIS NO. : T24AC759-0013 - T24AC759-0015

TIME*	RESULT dB(A)	
	TAM NAKARAT TEMPLE	
	FEBRUARY 6-7, 2024	
	L _{eq} 1 hour	L _{max} 1 hour
07:00-08:00 HOUR	55.3	69.0
08:00-09:00 HOUR	51.7	67.9
09:00-10:00 HOUR	50.2	71.0
10:00-11:00 HOUR	49.1	67.8
11:00-12:00 HOUR	50.9	69.9
12:00-13:00 HOUR	51.9	67.5
13:00-14:00 HOUR	50.5	69.5
14:00-15:00 HOUR	51.4	72.1
15:00-16:00 HOUR	50.7	67.6
16:00-17:00 HOUR	50.5	67.7
17:00-18:00 HOUR	50.5	72.8
18:00-19:00 HOUR	52.4	69.3
19:00-20:00 HOUR	52.0	66.1
20:00-21:00 HOUR	49.4	61.5
21:00-22:00 HOUR	51.3	71.6
22:00-23:00 HOUR	48.6	65.1
23:00-00:00 HOUR	47.4	70.6
00:00-01:00 HOUR	46.8	67.5
01:00-02:00 HOUR	46.2	66.5
02:00-03:00 HOUR	41.8	57.4
03:00-04:00 HOUR	41.4	66.5
04:00-05:00 HOUR	42.9	55.9
05:00-06:00 HOUR	48.6	66.3
06:00-07:00 HOUR	50.9	66.7
L _{avg} 24 hours	50.3	

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TIME*	RESULT dB(A)		
	TAM NAKARAT TEMPLE		
	FEBRUARY 7-8, 2024		
	T24AC759-0014		
	L _{eq} 1 hour	L _{max} 1 hour	
07:00-08:00 HOUR	56.1	77.1	
08:00-09:00 HOUR	49.4	66.9	
09:00-10:00 HOUR	52.8	69.3	
10:00-11:00 HOUR	52.9	72.9	
11:00-12:00 HOUR	52.3	67.8	
12:00-13:00 HOUR	50.9	69.6	
13:00-14:00 HOUR	52.9	77.6	
14:00-15:00 HOUR	49.5	64.6	
15:00-16:00 HOUR	52.5	77.8	
16:00-17:00 HOUR	50.2	66.8	
17:00-18:00 HOUR	53.2	76.0	
18:00-19:00 HOUR	51.1	68.2	
19:00-20:00 HOUR	51.6	71.4	
20:00-21:00 HOUR	49.1	62.8	
21:00-22:00 HOUR	51.2	70.2	
22:00-23:00 HOUR	50.7	70.9	
23:00-00:00 HOUR	48.7	69.6	
00:00-01:00 HOUR	43.5	60.0	
01:00-02:00 HOUR	44.4	55.8	
02:00-03:00 HOUR	42.8	57.1	
03:00-04:00 HOUR	45.5	53.0	
04:00-05:00 HOUR	47.1	63.2	
05:00-06:00 HOUR	47.3	69.8	
06:00-07:00 HOUR	51.2	70.0	
L _{eq} 24 hours	50.9		

ตำแหน่งที่วัดผลสภาพแวดล้อม : 14.604604, 101.103204
ตำแหน่งที่วัด UTM ของสถานี : 726565E, 1615643N

TIME*	RESULT dB(A)		
	TAM NAKARAT TEMPLE		
	FEBRUARY 8-9, 2024		
	T24AC759-0015		
	L _{eq} 1 hour	L _{max} 1 hour	
07:00-08:00 HOUR	56.3	75.5	
08:00-09:00 HOUR	51.8	67.5	
09:00-10:00 HOUR	51.9	68.3	
10:00-11:00 HOUR	50.3	68.7	
11:00-12:00 HOUR	49.9	64.7	
12:00-13:00 HOUR	52.2	80.6	
13:00-14:00 HOUR	52.3	67.2	
14:00-15:00 HOUR	51.1	67.2	
15:00-16:00 HOUR	52.0	69.8	
16:00-17:00 HOUR	51.2	68.1	
17:00-18:00 HOUR	54.3	72.1	
18:00-19:00 HOUR	51.1	69.5	
19:00-20:00 HOUR	51.6	70.0	
20:00-21:00 HOUR	49.1	65.1	
21:00-22:00 HOUR	47.9	56.6	
22:00-23:00 HOUR	51.0	66.5	
23:00-00:00 HOUR	49.4	71.7	
00:00-01:00 HOUR	43.5	57.0	
01:00-02:00 HOUR	45.3	67.0	
02:00-03:00 HOUR	42.8	61.8	
03:00-04:00 HOUR	43.2	61.1	
04:00-05:00 HOUR	46.6	59.3	
05:00-06:00 HOUR	46.8	64.7	
06:00-07:00 HOUR	50.6	64.6	
L _{eq} 24 hours	50.8		

ตำแหน่งที่วัดผลสภาพแวดล้อม : 14.604604, 101.103204
ตำแหน่งที่วัด UTM ของสถานี : 726565E, 1615643N


(MR. SILA BANJONGAIRUK)
LABORATORY SUPERVISOR
FEBRUARY 16, 2024



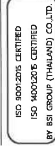
United Analyst and Engineering Consultant Co., Ltd.
3 Soi Udomsuk 41, Sukhumvit Road, Bangkok, Phrakhanong, Bangkok 10260
Tel: 02-2763 2828 Fax: 02-2763 2800 www.uaec consultant.com E-mail: uae@uaec consultant.com

ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPAR ROAD MITTRAPHAP TABKWIANG KAEINGKOT SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com
MEASURING SOURCE : PRATATCHAREONTHAM TEMPLE
MEASURING TYPE : AMBIENT (NOISE)
MEASURING DATE : FEBRUARY 6-9, 2024
MEASURING TIME : *
MEASURING METHOD : INTEGRATED SOUND LEVEL METER
MEASURED BY : MR PAIRAT KUMNERAKSA

RECEIVED DATE : FEBRUARY 6-9, 2024
ANALYTICAL DATE : FEBRUARY 6-9, 2024
REPORT NO. : 2024-U013092
WORK NO. : 2023-010643
ANALYSIS NO. : T24AC759-0016 - T24AC759-0018

TIME*	RESULT dB(A)	
	L _{eq} 1 hour	L _{max} 1 hour
PRATATCHAREONTHAM TEMPLE		
FEBRUARY 6-7, 2024		
T24AC759-0016		
07:00-08:00 HOUR	53.9	71.5
08:00-09:00 HOUR	51.3	74.8
09:00-10:00 HOUR	55.7	74.0
10:00-11:00 HOUR	53.5	77.9
11:00-12:00 HOUR	53.1	66.1
12:00-13:00 HOUR	54.8	71.9
13:00-14:00 HOUR	51.6	69.1
14:00-15:00 HOUR	52.0	61.5
15:00-16:00 HOUR	54.2	77.1
16:00-17:00 HOUR	53.9	69.7
17:00-18:00 HOUR	51.7	58.7
18:00-19:00 HOUR	53.6	76.4
19:00-20:00 HOUR	53.0	71.4
20:00-21:00 HOUR	52.5	68.3
21:00-22:00 HOUR	49.9	58.8
22:00-23:00 HOUR	51.0	60.1
23:00-00:00 HOUR	52.4	59.8
00:00-01:00 HOUR	51.1	63.9
01:00-02:00 HOUR	50.8	61.5
02:00-03:00 HOUR	50.8	61.0
03:00-04:00 HOUR	50.4	60.5
04:00-05:00 HOUR	50.3	58.9
05:00-06:00 HOUR	52.8	72.2
06:00-07:00 HOUR	54.7	78.8
L _{eq} 24 hours	52.7	

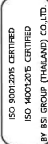


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Tel: 02-2763 2828 Fax: 02-2763 2800 www.uaec consultant.com E-mail: uae@uaec consultant.com

TIME*	RESULT dB(A)	
	L _{eq} 1 hour	L _{max} 1 hour
PRATATCHAREONTHAM TEMPLE		
FEBRUARY 7-8, 2024		
T24AC759-0017		
07:00-08:00 HOUR	53.3	75.1
08:00-09:00 HOUR	49.2	69.5
09:00-10:00 HOUR	49.2	70.1
10:00-11:00 HOUR	54.9	76.4
11:00-12:00 HOUR	55.2	77.4
12:00-13:00 HOUR	52.0	66.0
13:00-14:00 HOUR	52.6	68.7
14:00-15:00 HOUR	52.6	69.6
15:00-16:00 HOUR	53.1	65.3
16:00-17:00 HOUR	53.2	75.5
17:00-18:00 HOUR	53.0	69.2
18:00-19:00 HOUR	51.2	63.3
19:00-20:00 HOUR	53.1	70.4
20:00-21:00 HOUR	52.3	57.6
21:00-22:00 HOUR	50.5	68.3
22:00-23:00 HOUR	51.5	67.2
23:00-00:00 HOUR	48.9	65.1
00:00-01:00 HOUR	51.6	56.8
01:00-02:00 HOUR	50.7	59.4
02:00-03:00 HOUR	50.9	61.8
03:00-04:00 HOUR	49.8	58.9
04:00-05:00 HOUR	49.1	55.1
05:00-06:00 HOUR	48.0	55.6
06:00-07:00 HOUR	51.4	68.8
L _{eq} 24 hours	51.9	



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Tel: 02763 2828 Fax: 02763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

TIME*	RESULT dB(A)		
	PRATATCHAREONTHAM TEMPLE		
	FEBRUARY 8-9, 2024		
	T24AC759-0018		
	L _{eq} 1 hour	L _{Amax} 1 hour	
07:00-08:00 HOUR	53.1	68.9	
08:00-09:00 HOUR	52.4	63.7	
09:00-10:00 HOUR	53.0	69.1	
10:00-11:00 HOUR	55.3	77.4	
11:00-12:00 HOUR	55.1	77.3	
12:00-13:00 HOUR	55.6	74.4	
13:00-14:00 HOUR	52.6	62.3	
14:00-15:00 HOUR	53.2	68.9	
15:00-16:00 HOUR	52.0	63.1	
16:00-17:00 HOUR	52.5	71.0	
17:00-18:00 HOUR	51.4	66.8	
18:00-19:00 HOUR	54.0	70.9	
19:00-20:00 HOUR	52.1	57.3	
20:00-21:00 HOUR	51.5	58.5	
21:00-22:00 HOUR	50.5	63.1	
22:00-23:00 HOUR	47.9	57.3	
23:00-00:00 HOUR	52.2	70.4	
00:00-01:00 HOUR	50.8	56.7	
01:00-02:00 HOUR	50.7	60.3	
02:00-03:00 HOUR	50.9	66.9	
03:00-04:00 HOUR	49.7	57.9	
04:00-05:00 HOUR	47.3	52.0	
05:00-06:00 HOUR	50.4	66.8	
06:00-07:00 HOUR	51.6	68.3	
L _{eq} 24 hours	52.4		

ค่าเฉลี่ยที่วัดผลสำเร็จ : 14.63133, 101.108201
ค่าเฉลี่ยที่วัด UTM ความสำเร็จ : 722076E, 1618606N



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3 Soi Udomsuk 41, Sukhumvit Road, Bangkok, Phrakhanong, Bangkok 10260
Tel: 02763 2828 Fax: 02763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

ANALYSIS REPORT

CUSTOMER NAME

ADDRESS

CONTACT INFORMATION

MEASURING SOURCE

MEASURING TYPE

MEASURING DATE

MEASURING TIME

MEASURING METHOD

MEASURED BY

: TPI POLENE PUBLIC COMPANY LIMITED

: 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKROI SARABURI 18260

: TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com

: BAN SAB-BON (DORM #3)

: AMBIENT (NOISE)

: FEBRUARY 2-5, 2024

: *

: INTEGRATED SOUND LEVEL METER

: MR PAIRAT KUMMERDRAKSA

RECEIVED DATE

ANALYTICAL DATE

REPORT NO.

WORK NO.

ANALYSIS NO.

: FEBRUARY 2-5, 2024

: FEBRUARY 2-5, 2024

: 2024-U013087

: 2023-010643

: T24AC759-0001 - T24AC759-0003

RESULT dB(A)

BAN SAB-BON (DORM #3)

FEBRUARY 2-3, 2024

T24AC759-0001

L_{eq} 1 hour

L_{max} 1 hour

07:00-08:00 HOUR

08:00-09:00 HOUR

09:00-10:00 HOUR

10:00-11:00 HOUR

11:00-12:00 HOUR

12:00-13:00 HOUR

13:00-14:00 HOUR

14:00-15:00 HOUR

15:00-16:00 HOUR

16:00-17:00 HOUR

17:00-18:00 HOUR

18:00-19:00 HOUR

19:00-20:00 HOUR

20:00-21:00 HOUR

21:00-22:00 HOUR

22:00-23:00 HOUR

23:00-00:00 HOUR

00:00-01:00 HOUR

01:00-02:00 HOUR

02:00-03:00 HOUR

03:00-04:00 HOUR

04:00-05:00 HOUR

05:00-06:00 HOUR

06:00-07:00 HOUR

L_{eq} 24 hours

51.9

56.5

55.1

55.1

54.8

55.6

59.4

55.2

58.7

59.1

56.8

52.9

53.9

57.2

55.2

60.6

55.1

55.0

55.4

51.8

54.9

52.8

51.4

54.3

56.0

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ISO 14001:2015 CERTIFIED
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3/3

- End of Analysis Report -

2024-U013092

(MR. SILA BANONGJATRIK)
LABORATORY SUPERVISOR

FEBRUARY 16, 2024

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1/3

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TIME*	RESULT dB(A)	
	BAN SAB-BON (DORM #3)	
	FEBRUARY 3-4, 2024	
	T24AC759-0002	
	L _{eq} 1 hour	L _{max} 1 hour
07:00-08:00 HOUR	53.6	70.8
08:00-09:00 HOUR	55.1	76.5
09:00-10:00 HOUR	53.4	73.0
10:00-11:00 HOUR	56.2	71.7
11:00-12:00 HOUR	52.7	64.6
12:00-13:00 HOUR	55.8	70.7
13:00-14:00 HOUR	60.0	78.6
14:00-15:00 HOUR	55.5	73.6
15:00-16:00 HOUR	60.3	69.8
16:00-17:00 HOUR	59.0	76.0
17:00-18:00 HOUR	57.1	78.7
18:00-19:00 HOUR	53.0	71.2
19:00-20:00 HOUR	51.9	67.0
20:00-21:00 HOUR	56.2	82.0
21:00-22:00 HOUR	53.0	58.5
22:00-23:00 HOUR	60.8	65.7
23:00-00:00 HOUR	53.9	61.7
00:00-01:00 HOUR	55.4	62.8
01:00-02:00 HOUR	53.5	59.5
02:00-03:00 HOUR	51.0	58.6
03:00-04:00 HOUR	55.9	65.6
04:00-05:00 HOUR	51.2	61.8
05:00-06:00 HOUR	51.1	60.1
06:00-07:00 HOUR	55.0	65.2
L _{eq} 24 hours		56.0

ตำแหน่งที่ทดสอบเสียงรบกวน : 14.635760, 101.125087
ตำแหน่งที่วัด อุณหภูมิ : 728891E, 161911N



TIME*	RESULT dB(A)	
	BAN SAB-BON (DORM #3)	
	FEBRUARY 4-5, 2024	
	T24AC759-0003	
	L _{eq} 1 hour	L _{max} 1 hour
07:00-08:00 HOUR	54.8	72.0
08:00-09:00 HOUR	56.8	78.2
09:00-10:00 HOUR	53.7	73.3
10:00-11:00 HOUR	55.1	70.6
11:00-12:00 HOUR	55.6	67.5
12:00-13:00 HOUR	56.1	71.0
13:00-14:00 HOUR	57.2	75.8
14:00-15:00 HOUR	57.6	75.7
15:00-16:00 HOUR	58.5	68.0
16:00-17:00 HOUR	59.8	76.8
17:00-18:00 HOUR	57.3	78.9
18:00-19:00 HOUR	51.8	70.0
19:00-20:00 HOUR	54.3	69.4
20:00-21:00 HOUR	59.3	85.1
21:00-22:00 HOUR	54.4	59.9
22:00-23:00 HOUR	61.9	66.8
23:00-00:00 HOUR	55.1	62.9
00:00-01:00 HOUR	58.0	65.4
01:00-02:00 HOUR	53.5	59.5
02:00-03:00 HOUR	53.6	61.2
03:00-04:00 HOUR	56.4	66.1
04:00-05:00 HOUR	49.4	60.0
05:00-06:00 HOUR	51.1	60.1
06:00-07:00 HOUR	55.5	65.7
L _{eq} 24 hours		56.6

ตำแหน่งที่ทดสอบเสียงรบกวน : 14.635760, 101.125087
ตำแหน่งที่วัด อุณหภูมิ : 728891E, 161911N

hid 7m
(MR. SITA BANDONGAIRUK)
LABORATORY SUPERVISOR

FEBRUARY 16, 2024

ภาคผนวก ค-3

ใบรายงานผลการวิเคราะห์ความสันะเทือน



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 : บริษัท ปูนซิเมนต์ไทย จำกัด (มหาชน)
MEASURING TYPE : AMBIENT (VIBRATION)
MEASURING DATE : FEBRUARY 5, 2024
MEASURING TIME : *
MEASURING EQUIPMENT : VIBRATION METER
MEASURED BY : MR PAIRAT KUNNERORAKSA

RECEIVED DATE : FEBRUARY 5, 2024
ANALYTICAL DATE : FEBRUARY 5, 2024
REPORT NO. : 2024-U015783
WORK NO. : 2023-010641
ANALYSIS NO. : T24AC756-0001

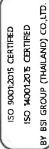
RESULT											
กลุ่มบ้านสูงริมทางด่วน											
1381	TRANSVERSE						VERTICAL				
	X-AXIS (LONGITUDINAL)			Y-AXIS (TRANSVERSE)			Z-AXIS (VERTICAL)				
	VELOCITY	FREQUENCY	DISPLACEMENT	VELOCITY	FREQUENCY	DISPLACEMENT	VELOCITY	FREQUENCY	DISPLACEMENT		
	(mm/s)	(Hz)	(mm)	(mm/s)	(Hz)	(mm)	(mm/s)	(Hz)	(mm)		
FEBRUARY 5, 2024 T24AC756-0001 15:40 HOUR	<0.150	NOT APPLICABLE "	-	<0.150	NOT APPLICABLE "	-	<0.150	NOT APPLICABLE "	-		

หมายเหตุ : ค่าแรงสั่นสะเทือนตามมาตรฐาน : 14.619630, 101.140996
ค่าแรงสั่นสะเทือน UTM ของสถานี : 730622E, 1617244N
1/ เกิดการสั่นสะเทือน (NONEXISTENT ZC FREQUENCY)
-ตามผลการทดสอบ A1 การสั่นสะเทือนตามมาตรฐาน ระหว่างเวลา 15:00-17:00 น.
-ตามผลการทดสอบ A2 การสั่นสะเทือนตามมาตรฐาน ระหว่างเวลา 15:30-16:00 น. (ค่าแรงสั่นสะเทือนตามมาตรฐานเดิม พ.ร.บ. 65)
-ตามผลการทดสอบ C1 และ C2 การสั่นสะเทือนตามมาตรฐาน ระหว่างเวลา 15:00-16:00 น.

ห.ล. ๗

(MR SILA BANONGJAIIRUK)
LABORATORY SUPERVISOR
FEBRUARY 23, 2024

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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 : บริษัท ปูนซิเมนต์ไทย จำกัด (มหาชน)
MEASURING TYPE : AMBIENT (VIBRATION)
MEASURING DATE : FEBRUARY 5, 2024
MEASURING TIME : *
MEASURING EQUIPMENT : VIBRATION METER
MEASURED BY : MR PAIRAT KUNNERORAKSA

RECEIVED DATE : FEBRUARY 5, 2024
ANALYTICAL DATE : FEBRUARY 5, 2024
REPORT NO. : 2024-U015784
WORK NO. : 2023-010641
ANALYSIS NO. : T24AC756-0002

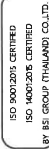
RESULT											
บริษัท ปูนซิเมนต์ไทย จำกัด (มหาชน) (อาคาร C1)											
1381	TRANSVERSE						VERTICAL				
	X-AXIS (LONGITUDINAL)			Y-AXIS (TRANSVERSE)			Z-AXIS (VERTICAL)				
	VELOCITY	FREQUENCY	DISPLACEMENT	VELOCITY	FREQUENCY	DISPLACEMENT	VELOCITY	FREQUENCY	DISPLACEMENT		
	(mm/s)	(Hz)	(mm)	(mm/s)	(Hz)	(mm)	(mm/s)	(Hz)	(mm)		
FEBRUARY 5, 2024 T24AC756-0002 15:40 HOUR	<0.150	NOT APPLICABLE "	-	<0.150	NOT APPLICABLE "	-	<0.150	NOT APPLICABLE "	-		

หมายเหตุ : ค่าแรงสั่นสะเทือนตามมาตรฐาน : 14.600805, 101.117288
ค่าแรงสั่นสะเทือน UTM ของสถานี : 728119E, 1615237N
1/ เกิดการสั่นสะเทือน (NONEXISTENT ZC FREQUENCY)
-ตามผลการทดสอบ A1 การสั่นสะเทือนตามมาตรฐาน ระหว่างเวลา 15:00-17:00 น.
-ตามผลการทดสอบ A2 การสั่นสะเทือนตามมาตรฐาน ระหว่างเวลา 15:30-16:00 น. (ค่าแรงสั่นสะเทือนตามมาตรฐานเดิม พ.ร.บ. 65)
-ตามผลการทดสอบ C1 และ C2 การสั่นสะเทือนตามมาตรฐาน ระหว่างเวลา 15:00-16:00 น.

ห.ล. ๗

(MR SILA BANONGJAIIRUK)
LABORATORY SUPERVISOR
FEBRUARY 23, 2024

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

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 : สถานีวัดน้ำท่า
MEASURING TYPE : AMBIENT (VIBRATION)
MEASURING DATE : FEBRUARY 5, 2024
MEASURING TIME : *
MEASURING EQUIPMENT : VIBRATION METER
MEASURED BY : MR PAIRAT KUMNERDRAKSA

RECEIVED DATE : FEBRUARY 5, 2024
ANALYTICAL DATE : FEBRUARY 5, 2024
REPORT NO. : 2024-U015785
WORK NO : 2023-010641
ANALYSIS NO. : T24AC756-0003

RESULT
สถานีวัดน้ำท่า

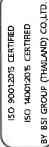
VELOCITY (mm/s)	X-AXIS (LONGITUDINAL)			Y-AXIS (TRANVERSE)			Z-AXIS (VERTICAL)		
	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)
<0.150	NOT APPLICABLE ^u	-	<0.150	NOT APPLICABLE ^u	-	<0.150	NOT APPLICABLE ^u	-	<0.150

หมายเหตุ :
-ค่าแรงสั่นสะเทือนตามมาตรฐาน : 14.600339, 101.116164
-ค่าแรงสั่นสะเทือน UTM ของสถานี : 727966E, 1615184N
-ค่าความถี่ไม่ต่อเนื่อง (NONEXISTENT ZC FREQUENCY)
-ตามวิธีการทดสอบ A1 กำหนดช่วงเวลาที่วัด ระหว่างเวลา 15:00-17:00 น.
-ตามวิธีการทดสอบ A2 กำหนดช่วงเวลาที่วัด ระหว่างเวลา 15:30-16:00 น. (ถ้าจะเพิ่มค่าการทำการทดสอบตาม เดือน พ.ศ. 65)
-ตามวิธีการทดสอบ C1 และ C2 กำหนดช่วงเวลาที่วัด ระหว่างเวลา 15:00-16:00 น.

bil ๗

(MR SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR
FEBRUARY 23, 2024

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

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 : สถานีวัดน้ำท่า
MEASURING TYPE : AMBIENT (VIBRATION)
MEASURING DATE : FEBRUARY 5, 2024
MEASURING TIME : *
MEASURING EQUIPMENT : VIBRATION METER
MEASURED BY : MR PAIRAT KUMNERDRAKSA

RECEIVED DATE : FEBRUARY 5, 2024
ANALYTICAL DATE : FEBRUARY 5, 2024
REPORT NO. : 2024-U015786
WORK NO : 2023-010641
ANALYSIS NO. : T24AC756-0004

RESULT
สถานีวัดน้ำท่า

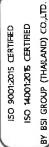
VELOCITY (mm/s)	X-AXIS (LONGITUDINAL)			Y-AXIS (TRANVERSE)			Z-AXIS (VERTICAL)		
	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)
<0.150	NOT APPLICABLE ^u	-	<0.150	NOT APPLICABLE ^u	-	<0.150	NOT APPLICABLE ^u	-	<0.150

หมายเหตุ :
-ค่าแรงสั่นสะเทือนตามมาตรฐาน : 14.484403, 100.965488
-ค่าแรงสั่นสะเทือน UTM ของสถานี : 711839E, 1602209N
-ค่าความถี่ไม่ต่อเนื่อง (NONEXISTENT ZC FREQUENCY)
-ตามวิธีการทดสอบ A1 กำหนดช่วงเวลาที่วัด ระหว่างเวลา 15:00-17:00 น.
-ตามวิธีการทดสอบ A2 กำหนดช่วงเวลาที่วัด ระหว่างเวลา 15:30-16:00 น. (ถ้าจะเพิ่มค่าการทำการทดสอบตาม เดือน พ.ศ. 65)
-ตามวิธีการทดสอบ C1 และ C2 กำหนดช่วงเวลาที่วัด ระหว่างเวลา 15:00-16:00 น.

bil ๗

(MR SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR
FEBRUARY 23, 2024

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ANALYSIS REPORT

CUSTOMER NAME

ADDRESS

CONTACT INFORMATION

MEASURING PLACE

MEASURING TYPE

MEASURING DATE

MEASURING EQUIPMENT

MEASURED BY

: TPI POLENE PUBLIC COMPANY LIMITED

: 299 NOO 5 MITRAPARP ROAD MITTRAPHAP TABKVIANG KAENGKOL SARABURI 18260

: TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com

: วัดรางใหม่ด้านตรงโถงสะพาน

: AMBIENT (VIBRATION)

: FEBRUARY 5, 2024

: *

: VIBRATION METER

: MR PAIRAT KUNNERAKSA

RECEIVED DATE

ANALYTICAL DATE

REPORT NO.

WORK NO

ANALYSIS NO.

: FEBRUARY 5, 2024

: FEBRUARY 5, 2024

: 2024-U015787

: 2023-010641

: T24AC756-0005

เลขที่	ข้อรังไหมด้านตรงโถงสะพาน									
	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)	
FEBRUARY 5, 2024 T24AC756-0005 15:40 HOUR	<0.150	NOT APPLICABLE "	-	<0.150	NOT APPLICABLE "	-	<0.150	NOT APPLICABLE "	-	

หมายเหตุ :
ด้านแนวทิศของสถานีวัด : 14.604604, 101.103204
ด้านแนวทิศ UTM ของสถานี : 726565E, 1615643N
1/ เกิดความถี่ต่อเนื่อง (NONEXISTENT ZC FREQUENCY)
-สถานีตรวจวัด A1 ด้านแนวทิศเหนือ ระหว่างเวลา 15:00-17:00 น.
-สถานีตรวจวัด A2 ด้านแนวทิศเหนือ ระหว่างเวลา 15:30-16:00 น. (เนื่องจากด้านทิศเหนือมีอาคารสูง 5 ชั้น พ.ณ. 65)
-สถานีตรวจวัด A3 ด้านแนวทิศเหนือ ระหว่างเวลา 15:00-16:00 น.

hid 7x

(MR SULA BANJONGJAIKUK)

LABORATORY SUPERVISOR

FEBRUARY 23, 2024

ภาคผนวก ค-4

ใบรายงานผลการวิเคราะห์คุณภาพน้ำใต้ดิน

ANALYSIS REPORT

CUSTOMER NAME : TPI POLINE PUBLIC COMPANY LIMITED
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPARP TABKWANG KAENGKOT SARABURI 18260
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com
SAMPLING SOURCE : บ้านนาแซงน้ำร้อนบ้านนา
SAMPLE TYPE : GROUNDWATER
SAMPLING DATE : MARCH 21, 2024
SAMPLING TIME : 14:20 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR. ACHITA SAENGJIAN
ANALYZED BY : MISS NAPAPORN KHUNNOCKHUM

RECEIVED DATE : MARCH 21, 2024
ANALYTICAL DATE : MARCH 21-29, 2024
ISSUE DATE : APRIL 2, 2024
REPORT NO. : 2024-U027565
WORK NO. : 2023-010275
ANALYSIS NO. : T24AG036-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	REGULATORY STANDARD		DETECTION LIMIT
			GROUNDWATER T24AG036-0003	SUITABLE ALLOWANCE CONCENTRATION	
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.7 (28°C)	7.0-8.5	6.5-9.2
TURBIDITY ^c	NTU	NEPHELOMETRIC METHOD (SM: PART 2130 B)	5.8	≤ 5	≤ 20
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	449	≤ 600	≤ 1,200
TOTAL SUSPENDED SOLIDS ^c	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	6.2	-	-
TOTAL HARDNESS ^a	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: PART 2340 C)	400	≤ 300	≤ 500
SULPHATE ^c	mg/L SO ₄ ²⁻	TURBIDIMETRIC METHOD (SM: PART 4500-SO ₄ ²⁻ E)	58.4	≤ 200	≤ 250
CHLORIDE ^a	mg/L Cl	ARGENTOMETRIC METHOD (SM: PART 4500-Cl B)	14.2	≤ 250	≤ 600

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD		DETECTION LIMIT
			GROUNDWATER T24AG036-0003	SUITABLE ALLOWANCE CONCENTRATION	MAXIMUM ALLOWABLE CONCENTRATION	
METALS						
TOTAL IRON ^c	mg/L Fe	IN-HOUSE METHOD: UAE-TP-GW-01 (NITRIC ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD); SM: PART 3030 E AND PART 3111 B	0.146	≤ 0.5	≤ 10	0.005
SAMPLE CONDITION			COLOURLESS/CLEAR YELLOW			
WATER'S COLOUR/TURBID SEDIMENT						

^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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

REGULATORY STANDARD : GROUNDWATER QUALITY STANDARD FOR DRINKING PURPOSES, SUITABLE ALLOWANCE AND MAXIMUM ALLOWABLE CONCENTRATIONS, NOTIFICATION OF THE MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT : TECHNICAL CRITERIAS AND MEASURES TO PREVENT PUBLIC HEALTH AND ENVIRONMENT HAZARD BE.2551 (2008), ISSUED UNDER THE GROUND WATER ACT BE.2530 (1977), PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL.125, SPECIAL PART 650 DATED MAY 21, BE.2551 (2008).

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

Phuchant J.
(MR. BHUCHONK PANICHLERTUMPI)
LABORATORY SUPERVISOR

