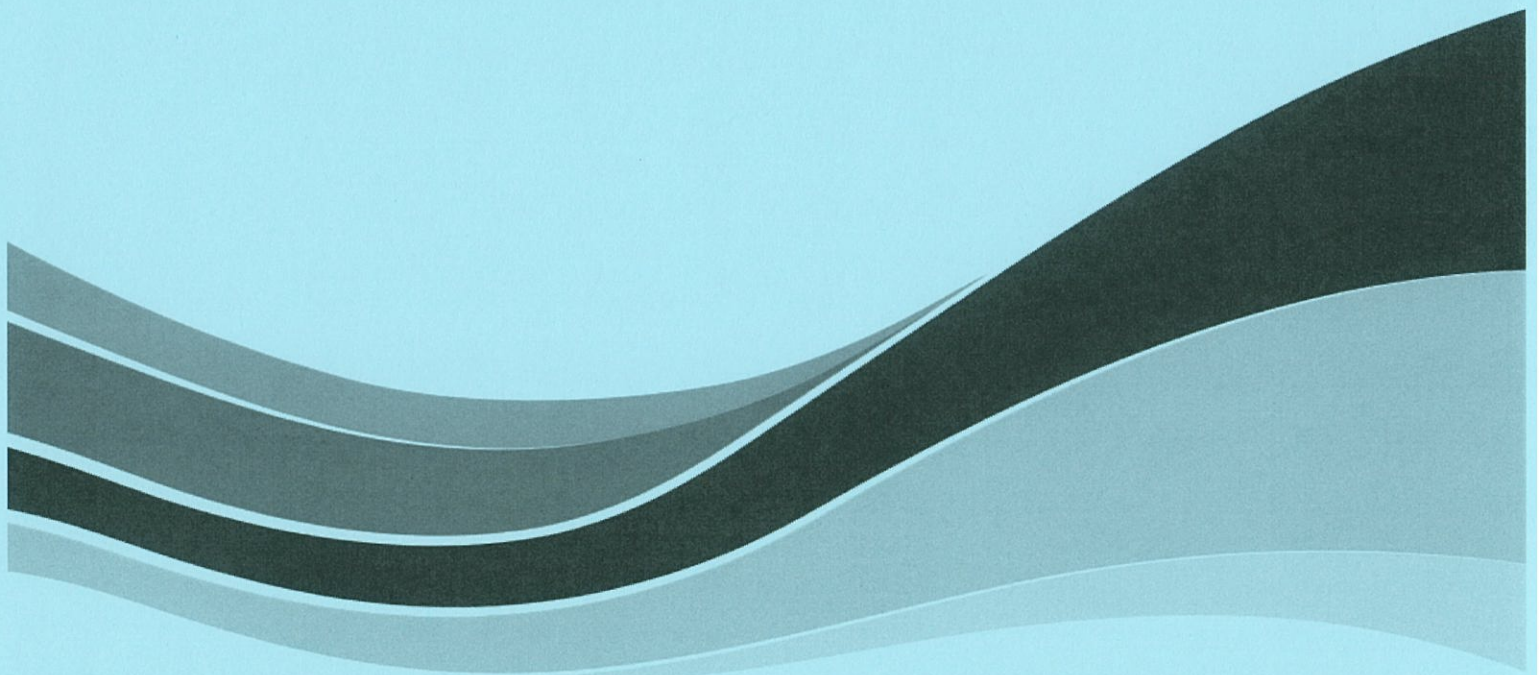
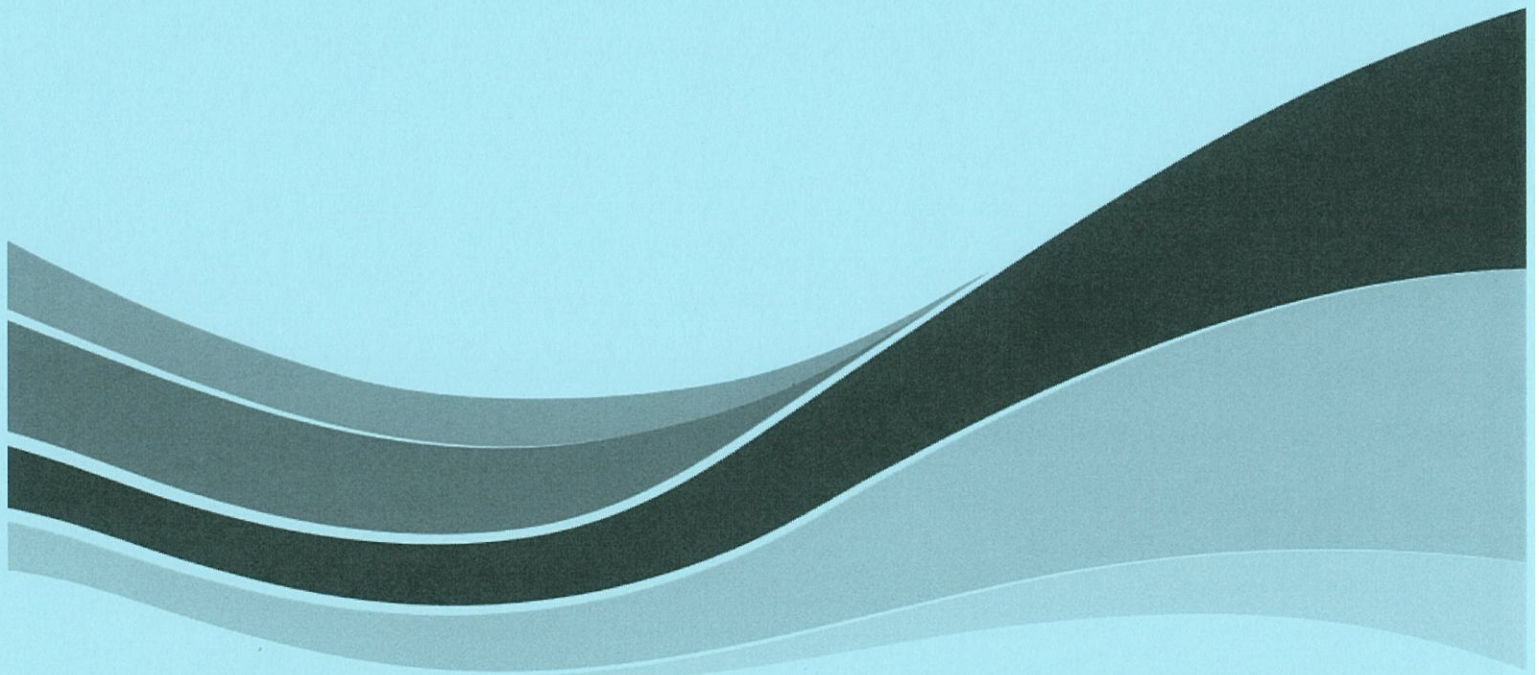


ภาคผนวก ค
ใบรายงานผลการวิเคราะห์



ภาคผนวก ค-1
คุณภาพอากาศในบรรยากาศโดยทั่วไป





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NSC-TISI-TIS 17025
TESTING 03/7



ANALYSIS REPORT

PROJECT NAME : โครงการพัฒนาพื้นที่อุตสาหกรรม แปลงโรงงานน้ำตาล L51/43 อุตสาหกรรมถาวร จังหวัดระยอง
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHORN BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : jiradit.p@apicollc.com
SAMPLING SOURCE : A1 : โรงงานผลิตน้ำตาล
SAMPLE TYPE : AMBIENT
SAMPLING DATE : ** ** **
SAMPLING TIME : ** ** **
SAMPLING BY : MR JUMPON SUANPET
ANALYZED BY : MISS JETJARAN TUNSA-AT
RECEIVED DATE : SEPTEMBER 3, 2024
ANALYTICAL DATE : SEPTEMBER 3-6, 2024
ISSUE DATE : SEPTEMBER 11, 2024
REPORT NO. : 2024-U083970
WORK NO. : 2023-007683
ANALYSIS NO. : T24AUJ41-0010 - T24AUJ41-0012

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			A1 : โรงงานผลิตน้ำตาล	A2 : โรงงานผลิตน้ำตาล	A3 : โรงงานผลิตน้ำตาล
TOTAL SUSPENDED PARTICULATE MATTER	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	T24AUJ41-0010 0.017	T24AUJ41-0011 0.018	T24AUJ41-0012 0.021
PARTICULATE MATTER as PM10 (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.006	0.006	0.007
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 09:30 HOUR ON AUGUST 28, 2024 TO 09:30 HOUR ON AUGUST 29, 2024.
** : SAMPLING FROM 09:30 HOUR ON AUGUST 29, 2024 TO 09:30 HOUR ON AUGUST 30, 2024.
*** : SAMPLING FROM 09:30 HOUR ON AUGUST 30, 2024 TO 09:30 HOUR ON AUGUST 31, 2024.

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NSC-TISI-TIS 17025
TESTING 03/7



ANALYSIS REPORT

PROJECT NAME : โครงการพัฒนาพื้นที่อุตสาหกรรม แปลงโรงงานน้ำตาล L51/43 อุตสาหกรรมถาวร จังหวัดระยอง
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHORN BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : jiradit.p@apicollc.com
SAMPLING SOURCE : A2 : โรงงานผลิตน้ำตาล
SAMPLE TYPE : AMBIENT
SAMPLING DATE : ** ** **
SAMPLING TIME : ** ** **
SAMPLING BY : MR JUMPON SUANPET
ANALYZED BY : MISS JETJARAN TUNSA-AT
RECEIVED DATE : SEPTEMBER 3, 2024
ANALYTICAL DATE : SEPTEMBER 3-6, 2024
ISSUE DATE : SEPTEMBER 11, 2024
REPORT NO. : 2024-U083965
WORK NO. : 2023-007683
ANALYSIS NO. : T24AUJ41-0001 - T24AUJ41-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			A2 : โรงงานผลิตน้ำตาล	A3 : โรงงานผลิตน้ำตาล	A4 : โรงงานผลิตน้ำตาล
TOTAL SUSPENDED PARTICULATE MATTER	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	T24AUJ41-0001 0.020	T24AUJ41-0002 0.025	T24AUJ41-0003 0.030
PARTICULATE MATTER as PM10 (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.009	0.012	0.018
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 AUGUST 28, 2024 TO 09:00 HOUR ON AUGUST 29, 2024.
** : SAMPLING FROM 09:00 HOUR ON AUGUST 29, 2024 TO 09:00 HOUR ON AUGUST 30, 2024.
*** : SAMPLING FROM 09:00 HOUR ON AUGUST 30, 2024 TO 09:00 HOUR ON AUGUST 31, 2024.

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MSC-TISI-TIS 17825
TESTING 027

ANALYSIS REPORT

PROJECT NAME : โครงการก่อสร้างรถไฟฟ้าสายสีน้ำเงินส่วนต่อขยาย (S1/S3) ช่วงถนนพหลโยธิน ถึงถนนแจ้งวัฒนะ
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATORN ROAD YAN NAWA SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : jutat.p@apicollc.com
SAMPLING SOURCE : A3 : บริเวณท่าอากาศยานนานาชาติสุวรรณภูมิ
SAMPLE TYPE : AMBIENT
SAMPLING DATE : * , ** , *** : SEPTEMBER 3, 2024
SAMPLING TIME : * , ** , *** : SEPTEMBER 3-6, 2024
SAMPLING BY : * , ** , *** : SEPTEMBER 11, 2024
SAMPLING NO. : 2024-U083966
ANALYZED BY : MR. JUMPON SUANPET
RECEIVED DATE : SEPTEMBER 3, 2024
ANALYTICAL DATE : SEPTEMBER 3-6, 2024
ISSUE DATE : SEPTEMBER 11, 2024
REPORT NO. : 2024-U083966
WORK NO. : 2023-007683
ANALYSIS NO. : T24AU141-0004 - T24AU141-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			A3 : บริเวณท่าอากาศยานนานาชาติสุวรรณภูมิ	A4 : บริเวณท่าอากาศยานนานาชาติสุวรรณภูมิ	A5 : บริเวณท่าอากาศยานนานาชาติสุวรรณภูมิ
TOTAL SUSPENDED PARTICULATE MATTER (≤ 10 µm)	mg/m³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.018	0.018	0.026
PARTICULATE MATTER as PM10 (≤ 10 µm)	mg/m³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.008	0.006	0.006
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 3, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD)
REVISED AS OF JULY 1, 2021.
* : SAMPLING FROM 10:00 HOUR ON AUGUST 28, 2024 TO 10:00 HOUR ON AUGUST 29, 2024.
** : SAMPLING FROM 10:00 HOUR ON AUGUST 29, 2024 TO 10:00 HOUR ON AUGUST 30, 2024.
*** : SAMPLING FROM 10:00 HOUR ON AUGUST 30, 2024 TO 10:00 HOUR ON AUGUST 31, 2024.

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MSC-TISI-TIS 17825
TESTING 027

ANALYSIS REPORT

PROJECT NAME : โครงการก่อสร้างรถไฟฟ้าสายสีน้ำเงินส่วนต่อขยาย (S1/S3) ช่วงถนนพหลโยธิน ถึงถนนแจ้งวัฒนะ
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATORN ROAD YAN NAWA SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : jutat.p@apicollc.com
SAMPLING SOURCE : A4 : บริเวณท่าอากาศยานนานาชาติสุวรรณภูมิ
SAMPLE TYPE : AMBIENT
SAMPLING DATE : * , ** , *** : SEPTEMBER 3, 2024
SAMPLING TIME : * , ** , *** : SEPTEMBER 3-6, 2024
SAMPLING BY : * , ** , *** : SEPTEMBER 11, 2024
SAMPLING NO. : 2024-U083968
ANALYZED BY : MISS JETARIN TUMSA-AT
RECEIVED DATE : SEPTEMBER 3, 2024
ANALYTICAL DATE : SEPTEMBER 3-6, 2024
ISSUE DATE : SEPTEMBER 11, 2024
REPORT NO. : 2024-U083968
WORK NO. : 2023-007683
ANALYSIS NO. : T24AU141-0007 - T24AU141-0009

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			A4 : บริเวณท่าอากาศยานนานาชาติสุวรรณภูมิ	A5 : บริเวณท่าอากาศยานนานาชาติสุวรรณภูมิ	A6 : บริเวณท่าอากาศยานนานาชาติสุวรรณภูมิ
TOTAL SUSPENDED PARTICULATE MATTER (≤ 10 µm)	mg/m³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.019	0.021	0.037
PARTICULATE MATTER as PM10 (≤ 10 µm)	mg/m³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.007	0.010	0.016
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 3, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD)
REVISED AS OF JULY 1, 2021.
* : SAMPLING FROM 08:30 HOUR ON AUGUST 28, 2024 TO 08:30 HOUR ON AUGUST 29, 2024.
** : SAMPLING FROM 08:30 HOUR ON AUGUST 29, 2024 TO 08:30 HOUR ON AUGUST 30, 2024.
*** : SAMPLING FROM 08:30 HOUR ON AUGUST 30, 2024 TO 08:30 HOUR ON AUGUST 31, 2024.

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UNITED ANALYST AND ENGINEERING CONSULTANT COMPANY LIMITED

ANALYSIS REPORT

PROJECT NAME : โครงการก่อสร้างรถไฟฟ้าสายสีน้ำเงินส่วนต่อขยาย สถานีคลองจั่น กรุงเทพมหานคร
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHORN BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 E-mail : julaip.p@apicolic.com
SAMPLING SOURCE : A1 : บริเวณพื้นที่ก่อสร้าง
SAMPLE TYPE : AMBIENT
SAMPLING DATE : * , * , * : SEPTEMBER 3, 2024
ANALYTICAL DATE : * , * , * : SEPTEMBER 3-5, 2024
ISSUE DATE : * , * , * : SEPTEMBER 11, 2024
REPORT NO. : 2024-U083983
SAMPLING BY : MR JUMRON SUANPET
ANALYZED BY : MISS SUWAN KONGTHONG
WORK NO. : 2023-007683
ANALYSIS NO. : T24AU141-0010 - T24AU141-0012

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			A1 : บริเวณพื้นที่ก่อสร้าง		
HYDROGEN SULPHIDE	mg/m ³	METHYLENE BLUE METHOD (ALPHA METHOD 70%)	T24AU141-0010	T24AU141-0011	T24AU141-0012
			< 0.001	< 0.001	< 0.001
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE

REMARK : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE
RESULT : SAMPLING FROM 09:30 HOUR ON AUGUST 28, 2024 TO 09:30 HOUR ON AUGUST 29, 2024.
* : SAMPLING FROM 09:30 HOUR ON AUGUST 29, 2024 TO 09:30 HOUR ON AUGUST 30, 2024.
** : SAMPLING FROM 09:30 HOUR ON AUGUST 30, 2024 TO 09:30 HOUR ON AUGUST 31, 2024.

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ANALYSIS REPORT

PROJECT NAME : โครงการก่อสร้างรถไฟฟ้าสายสีน้ำเงินส่วนต่อขยาย สถานีคลองจั่น กรุงเทพมหานคร
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHORN BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 E-mail : julaip.p@apicolic.com
SAMPLING SOURCE : A2 : บริเวณพื้นที่อยู่อาศัย
SAMPLE TYPE : AMBIENT
SAMPLING DATE : * , * , * : SEPTEMBER 3-5, 2024
ANALYTICAL DATE : * , * , * : SEPTEMBER 11, 2024
ISSUE DATE : * , * , * : 2024-U083972
REPORT NO. : 2023-007683
SAMPLING BY : MISS SUWAN KONGTHONG
ANALYZED BY : MISS SUWAN KONGTHONG
WORK NO. : 2023-007683
ANALYSIS NO. : T24AU141-0001 - T24AU141-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			A2 : พื้นที่ใกล้ ถนนและแหล่งชุมชน	A3 : พื้นที่เกษตรกรรม	A4 : พื้นที่อุตสาหกรรม
HYDROGEN SULPHIDE	mg/m ³	METHYLENE BLUE METHOD (ALPHA METHOD 70%)	T24AU141-0001	T24AU141-0002	T24AU141-0003
			< 0.001	< 0.001	< 0.001
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE

REMARK : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE
RESULT : SAMPLING FROM 09:00 HOUR ON AUGUST 28, 2024 TO 09:00 HOUR ON AUGUST 29, 2024.
* : SAMPLING FROM 09:00 HOUR ON AUGUST 29, 2024 TO 09:00 HOUR ON AUGUST 30, 2024.
** : SAMPLING FROM 09:00 HOUR ON AUGUST 30, 2024 TO 09:00 HOUR ON AUGUST 31, 2024.

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ANALYSIS REPORT

PROJECT NAME : เทศบาลนครหาดใหญ่
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : jutatip.p@apicoic.com
SAMPLING SOURCE : A3 : บริเวณห้องเก็บของในห้าง
SAMPLE TYPE : AMBIENT
SAMPLING DATE : * , * , * : SEPTEMBER 3, 2024
SAMPLING TIME : * , * , * : SEPTEMBER 3-5, 2024
SAMPLING BY : MR. JUMPON SUANPET : SEPTEMBER 11, 2024
ANALYZED BY : MISS SUWAN KONGTHONG : 2024-U083974
RECEIVED DATE : SEPTEMBER 3, 2024
ANALYTICAL DATE : SEPTEMBER 3-5, 2024
ISSUE DATE : SEPTEMBER 11, 2024
REPORT NO. : 2024-U083974
WORK NO. : 2023-007683
ANALYSIS NO. : T24AUJ41-0004 - T24AUJ41-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	
			A3 : บริเวณห้องเก็บของในห้าง	A3 : บริเวณห้องเก็บของในห้าง
HYDROGEN SULPHIDE	mg/m ³	METHYLENE BLUE METHOD (APHA METHOD 701)	T24AUJ41-0004	T24AUJ41-0006
			< 0.001	< 0.001
SAMPLE CONDITION			COMPLETE	COMPLETE

REMARK

RESULT : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.
* : SAMPLING FROM 10:00 HOUR ON AUGUST 28, 2024 TO 10:00 HOUR ON AUGUST 29, 2024.
** : SAMPLING FROM 10:00 HOUR ON AUGUST 29, 2024 TO 10:00 HOUR ON AUGUST 30, 2024.
*** : SAMPLING FROM 10:00 HOUR ON AUGUST 30, 2024 TO 10:00 HOUR ON AUGUST 31, 2024.

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ANALYSIS REPORT

PROJECT NAME : เทศบาลนครหาดใหญ่
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : jutatip.p@apicoic.com
SAMPLING SOURCE : A4 : บริเวณห้าง
SAMPLE TYPE : AMBIENT
SAMPLING DATE : * , * , * : SEPTEMBER 3, 2024
SAMPLING TIME : * , * , * : SEPTEMBER 3-5, 2024
SAMPLING BY : MR. JUMPON SUANPET : SEPTEMBER 11, 2024
ANALYZED BY : MISS SUWAN KONGTHONG : 2024-U083976
RECEIVED DATE : SEPTEMBER 3, 2024
ANALYTICAL DATE : SEPTEMBER 3-5, 2024
ISSUE DATE : SEPTEMBER 11, 2024
REPORT NO. : 2024-U083976
WORK NO. : 2023-007683
ANALYSIS NO. : T24AUJ41-0007 - T24AUJ41-0009

PARAMETER		UNIT	METHOD OF ANALYSIS		RESULT	
HYDROGEN SULPHIDE		mg/m ³	METHYLENE BLUE METHOD (APHA METHOD 701)	✓	A4 : 24.00000000	✓
				T24AUJ41-0007	T24AUJ41-0008	T24AUJ41-0009
SAMPLE CONDITION			COMPLETE	< 0.001	< 0.001	COMPLETE

REMARK

RESULT : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.
* : SAMPLING FROM 08:30 HOUR ON AUGUST 28, 2024 TO 08:30 HOUR ON AUGUST 29, 2024.
** : SAMPLING FROM 08:30 HOUR ON AUGUST 29, 2024 TO 08:30 HOUR ON AUGUST 30, 2024.
*** : SAMPLING FROM 08:30 HOUR ON AUGUST 30, 2024 TO 08:30 HOUR ON AUGUST 31, 2024.

(MISS BUDSAKORN LERAPANUMAS)
LABORATORY SUPERVISOR

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

ANALYSIS REPORT

PROJECT NAME : โครงการสร้างโรงบำบัดน้ำเสียชุมชนตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : juaelp@apicollc.com
MEASURING PLACE : A1 : โรงบำบัดน้ำเสีย
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : AUGUST 28-31, 2024
MEASURING TIME : *
MEASURING METHOD : NON-DISPERSIVE INFRARED DETECTION
MEASURED BY : MR. JUMPON SUANPET
RECEIVED DATE : AUGUST 28-31, 2024
ANALYTICAL DATE : AUGUST 28-31, 2024
ISSUE DATE : SEPTEMBER 6, 2024
REPORT NO. : 2024-0082512
WORK NO. : 2023-007683
ANALYSIS NO. : T24AU141-0010 - T24AU141-0012

TIME *	RESULT (ppm)		
	CARBON MONOXIDE		
	AUGUST 28-29, 2024 T24AU141-0010	AUGUST 29-30, 2024 T24AU141-0011	AUGUST 30-31, 2024 T24AU141-0012
09:00-10:00 HOUR	2.01	1.30	1.91
10:00-11:00 HOUR	2.13	1.31	1.85
11:00-12:00 HOUR	2.10	1.42	1.94
12:00-13:00 HOUR	2.02	1.55	2.05
13:00-14:00 HOUR	1.90	1.59	2.17
14:00-15:00 HOUR	1.86	1.64	2.24
15:00-16:00 HOUR	1.88	1.81	2.29
16:00-17:00 HOUR	2.04	2.10	2.33
17:00-18:00 HOUR	2.20	2.45	2.37
18:00-19:00 HOUR	2.35	2.57	2.41
19:00-20:00 HOUR	2.39	2.58	2.37
20:00-21:00 HOUR	2.32	2.46	2.18
21:00-22:00 HOUR	2.30	2.38	1.91
22:00-23:00 HOUR	2.31	2.23	1.63
23:00-00:00 HOUR	2.43	2.02	1.48
00:00-01:00 HOUR	2.53	1.85	1.45
01:00-02:00 HOUR	2.54	1.78	1.47
02:00-03:00 HOUR	2.50	1.84	1.52
03:00-04:00 HOUR	2.40	1.96	1.55
04:00-05:00 HOUR	2.34	2.03	1.55
05:00-06:00 HOUR	2.28	2.09	1.57
06:00-07:00 HOUR	2.11	2.11	1.52
07:00-08:00 HOUR	1.82	2.16	1.46
08:00-09:00 HOUR	1.50	2.04	1.41

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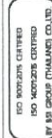
(MR. SILA BANONGJAIKUK)
LABORATORY SUPERVISOR

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ANALYSIS REPORT

PROJECT NAME : โครงการสร้างโรงบำบัดน้ำเสียชุมชนตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : juaelp@apicollc.com
MEASURING PLACE : A2 : โรงบำบัดน้ำเสีย
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : AUGUST 28-31, 2024
MEASURING TIME : *
MEASURING METHOD : NON-DISPERSIVE INFRARED DETECTION
MEASURED BY : MR. JUMPON SUANPET
RECEIVED DATE : AUGUST 28-31, 2024
ANALYTICAL DATE : AUGUST 28-31, 2024
ISSUE DATE : SEPTEMBER 6, 2024
REPORT NO. : 2024-0082509
WORK NO. : 2023-007683
ANALYSIS NO. : T24AU141-0001 - T24AU141-0003

TIME *	RESULT (ppm)		
	CARBON MONOXIDE		
	AUGUST 28-29, 2024 T24AU141-0001	AUGUST 29-30, 2024 T24AU141-0002	AUGUST 30-31, 2024 T24AU141-0003
09:00-10:00 HOUR	1.64	1.44	1.41
10:00-11:00 HOUR	1.66	1.30	1.59
11:00-12:00 HOUR	1.70	1.28	1.79
12:00-13:00 HOUR	1.77	1.30	1.95
13:00-14:00 HOUR	1.83	1.41	2.13
14:00-15:00 HOUR	1.87	1.47	2.18
15:00-16:00 HOUR	1.79	1.51	2.15
16:00-17:00 HOUR	1.65	1.47	1.97
17:00-18:00 HOUR	1.51	1.48	1.79
18:00-19:00 HOUR	1.43	1.47	1.55
19:00-20:00 HOUR	1.49	1.45	1.41
20:00-21:00 HOUR	1.61	1.43	1.27
21:00-22:00 HOUR	1.76	1.37	1.25
22:00-23:00 HOUR	1.88	1.38	1.33
23:00-00:00 HOUR	1.90	1.40	1.49
00:00-01:00 HOUR	1.89	1.47	1.60
01:00-02:00 HOUR	1.81	1.55	1.61
02:00-03:00 HOUR	1.79	1.64	1.52
03:00-04:00 HOUR	1.71	1.65	1.44
04:00-05:00 HOUR	1.55	1.60	1.39
05:00-06:00 HOUR	1.51	1.43	1.48
06:00-07:00 HOUR	1.52	1.37	1.67
07:00-08:00 HOUR	1.58	1.31	1.89
08:00-09:00 HOUR	1.53	1.34	2.09

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ANALYSIS REPORT

PROJECT NAME : โครงการเจาะตรวจดินเพื่อประเมินค่ามลพิษทางอากาศบริเวณพื้นที่ L5/43 ย่านตลาดนัดบางเขน จังหวัดนนทบุรี
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHORN BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 E-mail : juaatp.p@apicollc.com
MEASURING PLACE : A4 : หน้าห้างสรรพสินค้า
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : AUGUST 28-31, 2024
MEASURING TIME : *
MEASURING METHOD : NON-DISPERSIVE INFRARED DETECTION
MEASURED BY : MR JUMPON SUANPET
RECEIVED DATE : AUGUST 28-31, 2024
ANALYTICAL DATE : AUGUST 28-31, 2024
ISSUE DATE : SEPTEMBER 6, 2024
REPORT NO. : 2024-U082510
WORK NO. : 2023-007683
ANALYSIS NO. : T24AU141-0004 - T24AU141-0006

TIME *	RESULT (ppm)		
	CARBON MONOXIDE		
	AUGUST 28-29, 2024 T24AU141-0004	AUGUST 29-30, 2024 T24AU141-0005	AUGUST 30-31, 2024 T24AU141-0006
09:00-10:00 HOUR	1.17	1.08	1.20
10:00-11:00 HOUR	1.20	1.13	1.24
11:00-12:00 HOUR	1.22	1.16	1.24
12:00-13:00 HOUR	1.19	1.20	1.19
13:00-14:00 HOUR	1.11	1.16	1.17
14:00-15:00 HOUR	1.04	1.07	1.09
15:00-16:00 HOUR	1.01	0.96	1.02
16:00-17:00 HOUR	1.02	0.86	0.98
17:00-18:00 HOUR	1.07	0.84	0.97
18:00-19:00 HOUR	1.17	0.85	0.97
19:00-20:00 HOUR	1.19	0.86	0.93
20:00-21:00 HOUR	1.16	0.89	0.89
21:00-22:00 HOUR	1.02	0.94	0.85
22:00-23:00 HOUR	0.91	0.98	0.84
23:00-00:00 HOUR	0.82	0.99	0.84
00:00-01:00 HOUR	0.79	0.98	0.85
01:00-02:00 HOUR	0.83	0.96	0.87
02:00-03:00 HOUR	0.90	0.92	0.94
03:00-04:00 HOUR	1.00	0.89	1.04
04:00-05:00 HOUR	1.09	0.85	1.17
05:00-06:00 HOUR	1.20	0.84	1.26
06:00-07:00 HOUR	1.25	0.88	1.33
07:00-08:00 HOUR	1.22	0.97	1.30
08:00-09:00 HOUR	1.15	1.10	1.26

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(MR SILA BANDONGJAIKUK)
LABORATORY SUPERVISOR

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ANALYSIS REPORT

PROJECT NAME : โครงการเจาะตรวจดินเพื่อประเมินค่ามลพิษทางอากาศบริเวณพื้นที่ L5/43 ย่านตลาดนัดบางเขน จังหวัดนนทบุรี
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHORN BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 E-mail : juaatp.p@apicollc.com
MEASURING PLACE : A4 : หน้าห้างสรรพสินค้า
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : AUGUST 28-31, 2024
MEASURING TIME : *
MEASURING METHOD : NON-DISPERSIVE INFRARED DETECTION
MEASURED BY : MR JUMPON SUANPET
RECEIVED DATE : AUGUST 28-31, 2024
ANALYTICAL DATE : AUGUST 28-31, 2024
ISSUE DATE : SEPTEMBER 6, 2024
REPORT NO. : 2024-U082511
WORK NO. : 2023-007683
ANALYSIS NO. : T24AU141-0007 - T24AU141-0009

TIME *	RESULT (ppm)		
	CARBON MONOXIDE		
	AUGUST 28-29, 2024 T24AU141-0007	AUGUST 29-30, 2024 T24AU141-0008	AUGUST 30-31, 2024 T24AU141-0009
09:00-10:00 HOUR	1.35	1.40	1.37
10:00-11:00 HOUR	1.43	1.38	1.32
11:00-12:00 HOUR	1.47	1.32	1.31
12:00-13:00 HOUR	1.47	1.35	1.30
13:00-14:00 HOUR	1.46	1.45	1.29
14:00-15:00 HOUR	1.45	1.60	1.34
15:00-16:00 HOUR	1.47	1.77	1.40
16:00-17:00 HOUR	1.50	1.83	1.50
17:00-18:00 HOUR	1.60	1.85	1.57
18:00-19:00 HOUR	1.75	1.72	1.59
19:00-20:00 HOUR	1.91	1.65	1.54
20:00-21:00 HOUR	2.01	1.52	1.43
21:00-22:00 HOUR	1.98	1.44	1.32
22:00-23:00 HOUR	1.84	1.41	1.29
23:00-00:00 HOUR	1.69	1.47	1.32
00:00-01:00 HOUR	1.58	1.60	1.41
01:00-02:00 HOUR	1.50	1.70	1.46
02:00-03:00 HOUR	1.53	1.76	1.43
03:00-04:00 HOUR	1.58	1.71	1.31
04:00-05:00 HOUR	1.68	1.64	1.18
05:00-06:00 HOUR	1.66	1.59	1.09
06:00-07:00 HOUR	1.66	1.54	1.09
07:00-08:00 HOUR	1.55	1.50	1.10
08:00-09:00 HOUR	1.49	1.40	1.13

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(MR SILA BANDONGJAIKUK)
LABORATORY SUPERVISOR

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Tel: 02 2763 2828 Fax: 0 2763 2800 www.ljaeconsultant.com E-mail: ljae@ljaeconsultant.com

ANALYSIS REPORT

PROJECT NAME : โครงการก่อสร้างรถไฟฟ้าสายสีน้ำเงินส่วนต่อขยาย (L5/L6) ช่วงถนนสุขุมวิท ถึง สถานีคลองเตย
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : juteip.p@apicolic.com
MEASURING PLACE : AMBIENT (AIR)
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : AUGUST 28-31, 2024
MEASURING TIME : *
MEASURING METHOD : CHEMILUMINESCENCE
MEASURED BY : MR. JUMPON SUANPET
RECEIVED DATE : AUGUST 28-31, 2024
ANALYTICAL DATE : AUGUST 28-31, 2024
ISSUE DATE : SEPTEMBER 6, 2024
REPORT NO. : 2024-U082516
WORK NO. : 2023-007683
ANALYSIS NO. : T24AU141-0010 - T24AU141-0012

TIME *	RESULT (ppm)		
	NITROGEN DIOXIDE		
	A1 : สถานีรถไฟฟ้า		
	AUGUST 28-29, 2024 T24AU141-0010	AUGUST 29-30, 2024 T24AU141-0011	AUGUST 30-31, 2024 T24AU141-0012
	09:00-10:00 HOUR 0.0117	0.0149	0.0116
10:00-11:00 HOUR	0.0133	0.0131	0.0118
11:00-12:00 HOUR	0.0143	0.0127	0.0113
12:00-13:00 HOUR	0.0145	0.0117	0.0110
13:00-14:00 HOUR	0.0157	0.0113	0.0113
14:00-15:00 HOUR	0.0162	0.0101	0.0116
15:00-16:00 HOUR	0.0165	0.0097	0.0117
16:00-17:00 HOUR	0.0153	0.0099	0.0114
17:00-18:00 HOUR	0.0148	0.0109	0.0104
18:00-19:00 HOUR	0.0142	0.0109	0.0110
19:00-20:00 HOUR	0.0145	0.0113	0.0108
20:00-21:00 HOUR	0.0139	0.0110	0.0125
21:00-22:00 HOUR	0.0140	0.0118	0.0119
22:00-23:00 HOUR	0.0133	0.0114	0.0136
23:00-00:00 HOUR	0.0126	0.0119	0.0137
00:00-01:00 HOUR	0.0122	0.0111	0.0153
01:00-02:00 HOUR	0.0125	0.0115	0.0155
02:00-03:00 HOUR	0.0141	0.0113	0.0170
03:00-04:00 HOUR	0.0143	0.0118	0.0168
04:00-05:00 HOUR	0.0151	0.0119	0.0149
05:00-06:00 HOUR	0.0145	0.0121	0.0141
06:00-07:00 HOUR	0.0142	0.0124	0.0124
07:00-08:00 HOUR	0.0146	0.0118	0.0111
08:00-09:00 HOUR	0.0144	0.0120	0.0092

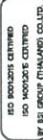
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(MR. SILA BANONGJAIKUK)
LABORATORY SUPERVISOR

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(MR. SILA BANONGJAIKUK)
LABORATORY SUPERVISOR





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

ANALYSIS REPORT

PROJECT NAME : โครงการก่อสร้างรถไฟฟ้าสายสีน้ำเงินส่วนต่อขยาย สถานีสีลม-สถานีบางนา
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : jutatip.p@apicollc.com
MEASURING PLACE : A3 : บริเวณห้องโดยสารชั้นบนสุด
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : AUGUST 28-31, 2024
MEASURING TIME : *
MEASURING METHOD : CHEMILUMINESCENCE
MEASURED BY : MR. JUMPON SUANPET
RECEIVED DATE : AUGUST 28-31, 2024
ANALYTICAL DATE : AUGUST 28-31, 2024
ISSUE DATE : SEPTEMBER 6, 2024
REPORT NO. : 2024-U082514
WORK NO. : 2023-007683
ANALYSIS NO. : T24AU141-0004 - T24AU141-0006

TIME *	RESULT (ppm)		
	NITROGEN DIOXIDE		
	AUGUST 28-29, 2024 T24AU141-0004	AUGUST 29-30, 2024 T24AU141-0005	AUGUST 30-31, 2024 T24AU141-0006
09:00-10:00 HOUR	0.0057	0.0087	0.0048
10:00-11:00 HOUR	0.0055	0.0068	0.0038
11:00-12:00 HOUR	0.0049	0.0056	0.0035
12:00-13:00 HOUR	0.0047	0.0035	0.0029
13:00-14:00 HOUR	0.0040	0.0035	0.0034
14:00-15:00 HOUR	0.0037	0.0035	0.0040
15:00-16:00 HOUR	0.0029	0.0034	0.0050
16:00-17:00 HOUR	0.0032	0.0040	0.0051
17:00-18:00 HOUR	0.0033	0.0047	0.0055
18:00-19:00 HOUR	0.0036	0.0051	0.0060
19:00-20:00 HOUR	0.0039	0.0055	0.0064
20:00-21:00 HOUR	0.0042	0.0048	0.0061
21:00-22:00 HOUR	0.0046	0.0052	0.0058
22:00-23:00 HOUR	0.0046	0.0047	0.0053
23:00-00:00 HOUR	0.0051	0.0049	0.0054
00:00-01:00 HOUR	0.0053	0.0050	0.0052
01:00-02:00 HOUR	0.0058	0.0053	0.0050
02:00-03:00 HOUR	0.0063	0.0053	0.0047
03:00-04:00 HOUR	0.0071	0.0056	0.0043
04:00-05:00 HOUR	0.0081	0.0055	0.0043
05:00-06:00 HOUR	0.0088	0.0058	0.0042
06:00-07:00 HOUR	0.0087	0.0054	0.0044
07:00-08:00 HOUR	0.0088	0.0055	0.0048
08:00-09:00 HOUR	0.0061	0.0052	0.0050

hsl 78

(MR. SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR

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

ANALYSIS REPORT

PROJECT NAME : โครงการก่อสร้างรถไฟฟ้าสายสีน้ำเงินส่วนต่อขยาย สถานีสีลม-สถานีบางนา
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : jutatip.p@apicollc.com
MEASURING PLACE : A4 : บริเวณห้องโดยสารชั้นบนสุด
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : AUGUST 28-31, 2024
MEASURING TIME : *
MEASURING METHOD : CHEMILUMINESCENCE
MEASURED BY : MR. JUMPON SUANPET
RECEIVED DATE : AUGUST 28-31, 2024
ANALYTICAL DATE : AUGUST 28-31, 2024
ISSUE DATE : SEPTEMBER 6, 2024
REPORT NO. : 2024-U082515
WORK NO. : 2023-007683
ANALYSIS NO. : T24AU141-0007 - T24AU141-0009

TIME *	RESULT (ppm)		
	NITROGEN DIOXIDE		
	AUGUST 28-29, 2024 T24AU141-0007	AUGUST 29-30, 2024 T24AU141-0008	AUGUST 30-31, 2024 T24AU141-0009
09:00-10:00 HOUR	0.0063	0.0059	0.0083
10:00-11:00 HOUR	0.0068	0.0061	0.0085
11:00-12:00 HOUR	0.0068	0.0063	0.0086
12:00-13:00 HOUR	0.0073	0.0067	0.0086
13:00-14:00 HOUR	0.0071	0.0064	0.0084
14:00-15:00 HOUR	0.0070	0.0063	0.0085
15:00-16:00 HOUR	0.0067	0.0057	0.0086
16:00-17:00 HOUR	0.0072	0.0058	0.0092
17:00-18:00 HOUR	0.0073	0.0059	0.0093
18:00-19:00 HOUR	0.0075	0.0058	0.0094
19:00-20:00 HOUR	0.0080	0.0057	0.0090
20:00-21:00 HOUR	0.0079	0.0063	0.0089
21:00-22:00 HOUR	0.0078	0.0071	0.0092
22:00-23:00 HOUR	0.0079	0.0074	0.0093
23:00-00:00 HOUR	0.0079	0.0075	0.0089
00:00-01:00 HOUR	0.0082	0.0074	0.0081
01:00-02:00 HOUR	0.0080	0.0078	0.0074
02:00-03:00 HOUR	0.0083	0.0078	0.0070
03:00-04:00 HOUR	0.0080	0.0079	0.0062
04:00-05:00 HOUR	0.0077	0.0075	0.0057
05:00-06:00 HOUR	0.0071	0.0076	0.0058
06:00-07:00 HOUR	0.0070	0.0078	0.0062
07:00-08:00 HOUR	0.0066	0.0083	0.0060
08:00-09:00 HOUR	0.0061	0.0085	0.0055

hsl 78

(MR. SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR

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

ANALYSIS REPORT

PROJECT NAME : โครงการก่อสร้างรถไฟฟ้าสายสีเขียวส่วนต่อขยาย (S1/S2) สถานีท่าเรือกรุงเทพ - สถานีคลองเตย
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : jutatip.p@apicollc.com
MEASURING PLACE : AMBIENT (AIR)
MEASURING TYPE : AUGUST 28-31, 2024
MEASURING DATE : AUGUST 28-31, 2024
MEASURING TIME : SEPTEMBER 6, 2024
MEASURING METHOD : *
MEASURING BY : UV FLUORESCENCE
WORK NO. : 2024-U082522
ANALYSIS NO. : 2023-007683
RECEIVED DATE : AUGUST 28-31, 2024
ANALYTICAL DATE : AUGUST 28-31, 2024
ISSUE DATE : SEPTEMBER 6, 2024
REPORT NO. : 2024-U082522
WORK NO. : 2023-007683
ANALYSIS NO. : T24AU141-0010 - T24AU141-0012

TIME *	RESULT (ppm)		
	SULPHUR DIOXIDE		
	AUGUST 28-29, 2024 T24AU141-0010	AUGUST 29-30, 2024 T24AU141-0011	AUGUST 30-31, 2024 T24AU141-0012
09:00-10:00 HOUR	0.0021	0.0022	0.0021
10:00-11:00 HOUR	0.0021	0.0024	0.0020
11:00-12:00 HOUR	0.0022	0.0025	0.0021
12:00-13:00 HOUR	0.0021	0.0026	0.0022
13:00-14:00 HOUR	0.0020	0.0026	0.0021
14:00-15:00 HOUR	0.0021	0.0026	0.0020
15:00-16:00 HOUR	0.0024	0.0024	0.0019
16:00-17:00 HOUR	0.0028	0.0023	0.0019
17:00-18:00 HOUR	0.0029	0.0023	0.0020
18:00-19:00 HOUR	0.0030	0.0021	0.0021
19:00-20:00 HOUR	0.0028	0.0019	0.0019
20:00-21:00 HOUR	0.0027	0.0018	0.0018
21:00-22:00 HOUR	0.0025	0.0019	0.0016
22:00-23:00 HOUR	0.0027	0.0019	0.0018
23:00-00:00 HOUR	0.0024	0.0019	0.0017
00:00-01:00 HOUR	0.0021	0.0022	0.0018
01:00-02:00 HOUR	0.0019	0.0024	0.0018
02:00-03:00 HOUR	0.0018	0.0028	0.0020
03:00-04:00 HOUR	0.0019	0.0031	0.0020
04:00-05:00 HOUR	0.0018	0.0033	0.0022
05:00-06:00 HOUR	0.0017	0.0030	0.0021
06:00-07:00 HOUR	0.0018	0.0025	0.0020
07:00-08:00 HOUR	0.0018	0.0023	0.0020
08:00-09:00 HOUR	0.0021	0.0022	0.0020
AVERAGE 24 HOUR	0.0022	0.0024	0.0020

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(MR. SULA BANJONGAIRUK)
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ANALYSIS REPORT

PROJECT NAME : โครงการก่อสร้างรถไฟฟ้าสายสีเขียวส่วนต่อขยาย (S1/S2) สถานีท่าเรือกรุงเทพ - สถานีคลองเตย
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : jutatip.p@apicollc.com
MEASURING PLACE : AMBIENT (AIR)
MEASURING TYPE : AUGUST 28-31, 2024
MEASURING DATE : AUGUST 28-31, 2024
MEASURING TIME : SEPTEMBER 6, 2024
MEASURING METHOD : *
MEASURING BY : UV FLUORESCENCE
WORK NO. : 2023-007683
ANALYSIS NO. : T24AU141-0001 - T24AU141-0003

TIME *	RESULT (ppm)		
	SULPHUR DIOXIDE		
	AUGUST 28-29, 2024 T24AU141-0001	AUGUST 29-30, 2024 T24AU141-0002	AUGUST 30-31, 2024 T24AU141-0003
09:00-10:00 HOUR	0.0019	0.0018	0.0013
10:00-11:00 HOUR	0.0019	0.0017	0.0012
11:00-12:00 HOUR	0.0018	0.0018	0.0011
12:00-13:00 HOUR	0.0018	0.0020	0.0013
13:00-14:00 HOUR	0.0017	0.0020	0.0015
14:00-15:00 HOUR	0.0017	0.0020	0.0017
15:00-16:00 HOUR	0.0017	0.0018	0.0016
16:00-17:00 HOUR	0.0019	0.0017	0.0016
17:00-18:00 HOUR	0.0020	0.0016	0.0014
18:00-19:00 HOUR	0.0019	0.0017	0.0017
19:00-20:00 HOUR	0.0017	0.0017	0.0014
20:00-21:00 HOUR	0.0016	0.0018	0.0017
21:00-22:00 HOUR	0.0016	0.0017	0.0019
22:00-23:00 HOUR	0.0017	0.0020	0.0021
23:00-00:00 HOUR	0.0017	0.0018	0.0021
00:00-01:00 HOUR	0.0019	0.0017	0.0021
01:00-02:00 HOUR	0.0020	0.0016	0.0022
02:00-03:00 HOUR	0.0020	0.0017	0.0022
03:00-04:00 HOUR	0.0020	0.0019	0.0022
04:00-05:00 HOUR	0.0019	0.0018	0.0019
05:00-06:00 HOUR	0.0021	0.0018	0.0017
06:00-07:00 HOUR	0.0022	0.0016	0.0015
07:00-08:00 HOUR	0.0022	0.0015	0.0015
08:00-09:00 HOUR	0.0020	0.0014	0.0015
AVERAGE 24 HOUR	0.0019	0.0018	0.0017

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(MR. SULA BANJONGAIRUK)
LABORATORY SUPERVISOR

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ANALYSIS REPORT

PROJECT NAME : โครงการสร้างโรงบำบัดน้ำเสียชุมชน ตำบลพรหมบุรี อำเภอพรหมบุรี จังหวัดสิงห์บุรี
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 E-mail : juaapp@apicollc.com
MEASURING PLACE : A3 : บริเวณถังเก็บน้ำเสีย
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : AUGUST 28-31, 2024
MEASURING TIME : *
MEASURING METHOD : UV FLUORESCENCE
MEASURED BY : MR JUMON SUANPET
RECEIVED DATE : AUGUST 28-31, 2024
ANALYTICAL DATE : AUGUST 28-31, 2024
ISSUE DATE : SEPTEMBER 6, 2024
REPORT NO. : 2024-U082518
WORK NO. : 2023-007683
ANALYSIS NO. : T24AU141-0004 - T24AU141-0006

TIME *	RESULT (ppm)		
	SULPHUR DIOXIDE		
	AUGUST 28-29, 2024 T24AU141-0004	AUGUST 29-30, 2024 T24AU141-0005	AUGUST 30-31, 2024 T24AU141-0006
09:00-10:00 HOUR	0.0016	0.0017	0.0012
10:00-11:00 HOUR	0.0017	0.0017	0.0010
11:00-12:00 HOUR	0.0017	0.0017	0.0010
12:00-13:00 HOUR	0.0014	0.0016	0.0010
13:00-14:00 HOUR	0.0012	0.0017	0.0011
14:00-15:00 HOUR	0.0010	0.0018	0.0011
15:00-16:00 HOUR	0.0011	0.0017	0.0011
16:00-17:00 HOUR	0.0009	0.0014	0.0009
17:00-18:00 HOUR	0.0009	0.0011	0.0009
18:00-19:00 HOUR	0.0010	0.0009	0.0009
19:00-20:00 HOUR	0.0011	0.0010	0.0009
20:00-21:00 HOUR	0.0012	0.0011	0.0009
21:00-22:00 HOUR	0.0010	0.0011	0.0009
22:00-23:00 HOUR	0.0009	0.0010	0.0009
23:00-00:00 HOUR	0.0009	0.0009	0.0010
00:00-01:00 HOUR	0.0010	0.0010	0.0011
01:00-02:00 HOUR	0.0011	0.0012	0.0012
02:00-03:00 HOUR	0.0011	0.0013	0.0015
03:00-04:00 HOUR	0.0012	0.0016	0.0016
04:00-05:00 HOUR	0.0013	0.0018	0.0016
05:00-06:00 HOUR	0.0015	0.0019	0.0018
06:00-07:00 HOUR	0.0015	0.0019	0.0017
07:00-08:00 HOUR	0.0017	0.0018	0.0017
08:00-09:00 HOUR	0.0018	0.0015	0.0018
AVERAGE 24 HOUR	0.0012	0.0014	0.0012

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(MR SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR

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ANALYSIS REPORT

PROJECT NAME : โครงการสร้างโรงบำบัดน้ำเสียชุมชน ตำบลพรหมบุรี อำเภอพรหมบุรี จังหวัดสิงห์บุรี
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 E-mail : juaapp@apicollc.com
MEASURING PLACE : A4 : บริเวณถังเก็บน้ำเสีย
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : AUGUST 28-31, 2024
MEASURING TIME : *
MEASURING METHOD : UV FLUORESCENCE
MEASURED BY : MR JUMON SUANPET
RECEIVED DATE : AUGUST 28-31, 2024
ANALYTICAL DATE : AUGUST 28-31, 2024
ISSUE DATE : SEPTEMBER 6, 2024
REPORT NO. : 2024-U082520
WORK NO. : 2023-007683
ANALYSIS NO. : T24AU141-0007 - T24AU141-0009

TIME *	RESULT (ppm)		
	SULPHUR DIOXIDE		
	AUGUST 28-29, 2024 T24AU141-0007	AUGUST 29-30, 2024 T24AU141-0008	AUGUST 30-31, 2024 T24AU141-0009
09:00-10:00 HOUR	0.0013	0.0017	0.0011
10:00-11:00 HOUR	0.0016	0.0018	0.0010
11:00-12:00 HOUR	0.0018	0.0019	0.0011
12:00-13:00 HOUR	0.0019	0.0019	0.0014
13:00-14:00 HOUR	0.0019	0.0018	0.0017
14:00-15:00 HOUR	0.0021	0.0018	0.0017
15:00-16:00 HOUR	0.0020	0.0018	0.0015
16:00-17:00 HOUR	0.0021	0.0017	0.0013
17:00-18:00 HOUR	0.0020	0.0016	0.0012
18:00-19:00 HOUR	0.0019	0.0016	0.0011
19:00-20:00 HOUR	0.0019	0.0016	0.0012
20:00-21:00 HOUR	0.0018	0.0016	0.0013
21:00-22:00 HOUR	0.0018	0.0017	0.0014
22:00-23:00 HOUR	0.0018	0.0016	0.0016
23:00-00:00 HOUR	0.0019	0.0016	0.0018
00:00-01:00 HOUR	0.0018	0.0016	0.0021
01:00-02:00 HOUR	0.0019	0.0019	0.0020
02:00-03:00 HOUR	0.0018	0.0020	0.0019
03:00-04:00 HOUR	0.0016	0.0020	0.0019
04:00-05:00 HOUR	0.0017	0.0021	0.0021
05:00-06:00 HOUR	0.0017	0.0020	0.0023
06:00-07:00 HOUR	0.0019	0.0017	0.0021
07:00-08:00 HOUR	0.0017	0.0014	0.0019
08:00-09:00 HOUR	0.0017	0.0012	0.0018
AVERAGE 24 HOUR	0.0018	0.0017	0.0016

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(MR SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR

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

ANALYSIS REPORT

PROJECT NAME : โครงการก่อสร้างรถไฟฟ้าสายสีน้ำเงินส่วนต่อขยาย สถานีวัดพระยาทิพากรวงศ์ กรุงเทพมหานคร
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : juaelp.p@apicoic.com
MEASURING PLACE : AMBIENT (AIR)
MEASURING TYPE : AUGUST 28-31, 2024
MEASURING DATE : AUGUST 28-31, 2024
MEASURING TIME : SEPTEMBER 6, 2024
MEASURING METHOD : WIND SPEED & WIND DIRECTION EQUIPMENT
MEASURED BY : MR. JUMPON SUANPET
RECEIVED DATE : AUGUST 28-31, 2024
ANALYTICAL DATE : AUGUST 28-31, 2024
ISSUE DATE : SEPTEMBER 6, 2024
REPORT NO. : 2024-082527
WORK NO. : 2023-007683
ANALYSIS NO. : T24AU141-0010 - T24AU141-0012

TIME *	RESULT (m/s)					
	A1 : สถานีวัดพระยาทิพากรวงศ์			A2 : สถานีวัดพระยาทิพากรวงศ์		
	AUGUST 28-29, 2024 T24AU141-0010		AUGUST 29-30, 2024 T24AU141-0011		AUGUST 30-31, 2024 T24AU141-0012	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
09:00-10:00 HOUR	0.8	SW	2.0	SSE	1.8	SSE
10:00-11:00 HOUR	0.8	WSW	1.9	SSE	1.8	ESE
11:00-12:00 HOUR	0.9	WSW	1.4	SSE	2.6	SE
12:00-13:00 HOUR	1.0	WNW	1.3	WSW	1.5	SSE
13:00-14:00 HOUR	0.7	WNW	1.3	S	1.4	SE
14:00-15:00 HOUR	1.1	WSW	1.3	SW	1.7	SSE
15:00-16:00 HOUR	1.3	W	1.7	SSE	1.1	SW
16:00-17:00 HOUR	1.7	W	2.0	S	1.1	SSW
17:00-18:00 HOUR	1.9	SW	2.5	SSE	1.2	S
18:00-19:00 HOUR	2.0	SW	1.7	S	1.2	S
19:00-20:00 HOUR	2.3	SSW	1.8	SSE	1.1	SW
20:00-21:00 HOUR	2.3	SSE	2.9	SSE	1.0	SW
21:00-22:00 HOUR	2.9	S	2.9	SSW	1.1	WSW
22:00-23:00 HOUR	3.6	SE	2.1	SSE	1.1	SSW
23:00-00:00 HOUR	2.3	SSE	2.5	S	1.2	SW
00:00-01:00 HOUR	3.1	SSE	2.6	S	1.8	SSW
01:00-02:00 HOUR	2.4	SSE	2.1	SSE	2.0	S
02:00-03:00 HOUR	1.7	SE	1.8	SSE	1.5	SSW
03:00-04:00 HOUR	2.0	SSE	2.3	SE	1.7	SSW
04:00-05:00 HOUR	1.7	SSE	2.0	ESE	1.8	SSE
05:00-06:00 HOUR	2.9	S	1.9	SE	1.6	SSE
06:00-07:00 HOUR	2.9	SSE	1.4	SSE	1.2	ESE
07:00-08:00 HOUR	2.7	SSE	1.6	SSE	0.7	ESE
08:00-09:00 HOUR	3.6	SSE	2.0	SSE	1.1	SE

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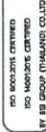
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LABORATORY SUPERVISOR

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ANALYSIS REPORT

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CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : juaelp.p@apicoic.com
MEASURING PLACE : AMBIENT (AIR)
MEASURING TYPE : AUGUST 28-31, 2024
MEASURING DATE : AUGUST 28-31, 2024
MEASURING TIME : SEPTEMBER 6, 2024
MEASURING METHOD : WIND SPEED & WIND DIRECTION EQUIPMENT
MEASURED BY : MR. JUMPON SUANPET
RECEIVED DATE : AUGUST 28-31, 2024
ANALYTICAL DATE : AUGUST 28-31, 2024
ISSUE DATE : SEPTEMBER 6, 2024
REPORT NO. : 2024-082523
WORK NO. : 2023-007683
ANALYSIS NO. : T24AU141-0001 - T24AU141-0003

TIME *	RESULT (m/s)					
	A2 : สถานีวัดพระยาทิพากรวงศ์			A3 : สถานีวัดพระยาทิพากรวงศ์		
	AUGUST 28-29, 2024 T24AU141-0001		AUGUST 29-30, 2024 T24AU141-0002		AUGUST 30-31, 2024 T24AU141-0003	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
09:00-10:00 HOUR	3.1	ESE	1.9	SSE	2.8	WSW
10:00-11:00 HOUR	4.2	ESE	2.7	WSW	2.8	WSW
11:00-12:00 HOUR	2.9	ESE	2.5	WSW	2.2	WSW
12:00-13:00 HOUR	3.5	SSE	2.5	SSE	1.9	SW
13:00-14:00 HOUR	3.4	SW	2.8	S	2.6	WSW
14:00-15:00 HOUR	3.4	SW	2.1	SSW	1.8	S
15:00-16:00 HOUR	2.2	WSW	2.6	S	1.6	SSW
16:00-17:00 HOUR	3.0	W	3.1	SSW	1.8	SE
17:00-18:00 HOUR	2.3	W	3.5	S	2.3	SSE
18:00-19:00 HOUR	3.2	SSW	2.4	SW	2.9	SE
19:00-20:00 HOUR	2.5	S	2.7	SSW	3.6	E
20:00-21:00 HOUR	2.7	S	3.5	WSW	2.5	ESE
21:00-22:00 HOUR	2.8	S	2.5	SW	2.9	E
22:00-23:00 HOUR	3.6	S	3.3	SSE	1.7	E
23:00-00:00 HOUR	3.2	SSE	2.5	S	2.3	ESE
00:00-01:00 HOUR	3.3	SE	2.6	SSW	1.5	SSW
01:00-02:00 HOUR	3.5	SE	2.3	S	2.1	W
02:00-03:00 HOUR	3.0	ESE	1.8	S	1.3	SW
03:00-04:00 HOUR	2.7	ESE	1.8	SSE	1.1	W
04:00-05:00 HOUR	2.5	E	2.4	SSW	0.8	W
05:00-06:00 HOUR	2.8	E	1.9	SW	1.1	SW
06:00-07:00 HOUR	3.0	E	3.0	SW	1.2	W
07:00-08:00 HOUR	2.7	SE	3.0	WSW	1.0	SSW
08:00-09:00 HOUR	3.2	SSE	2.8	W	1.0	SW

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(MR. SILA BANONGJAIKRIK)
LABORATORY SUPERVISOR

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ANALYSIS REPORT

PROJECT NAME : โครงการเจาะสำรวจดินเพื่อสนับสนุนแผนผังบริเวณถนนเลียบ L5/43 อำเภอสาทรนครทาง จังหวัดขอนแก่น
CUSTOMER NAME : APCO (KHOBAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : juaatp.p@apicollc.com
MEASURING PLACE : A4 : หน้าวัดหนองปลา
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : AUGUST 28-31, 2024
MEASURING TIME : *
MEASURING METHOD : WIND SPEED & WIND DIRECTION EQUIPMENT
MEASURED BY : MR. JUMPON SUANPET
RECEIVED DATE : AUGUST 28-31, 2024
ANALYTICAL DATE : AUGUST 28-31, 2024
ISSUE DATE : SEPTEMBER 6, 2024
REPORT NO. : 2024-U082524
WORK NO. : 2023-007683
ANALYSIS NO. : T24AU141-0004 - T24AU141-0006

TIME *	RESULT (m/s)					
	A3 : หน้าวัดหนองปลา			A3 : หน้าวัดหนองปลา		
	AUGUST 28-29, 2024		AUGUST 29-30, 2024		AUGUST 30-31, 2024	
	T24AU141-0004		T24AU141-0005		T24AU141-0006	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
09:00-10:00 HOUR	0.7	S	1.3	SE	2.8	S
10:00-11:00 HOUR	1.0	S	1.8	SE	1.7	SSW
11:00-12:00 HOUR	1.0	SSE	1.8	SSE	2.0	SW
12:00-13:00 HOUR	1.3	SSW	1.9	SSE	2.5	SW
13:00-14:00 HOUR	1.4	S	1.7	S	2.8	SSW
14:00-15:00 HOUR	1.9	SSE	1.4	SSE	3.1	SW
15:00-16:00 HOUR	1.9	SE	1.0	S	3.1	S
16:00-17:00 HOUR	2.6	SE	0.7	SSW	3.3	SE
17:00-18:00 HOUR	3.0	SE	0.7	S	2.2	SSE
18:00-19:00 HOUR	3.2	S	1.0	S	3.2	SSE
19:00-20:00 HOUR	3.4	SSE	1.7	SW	3.1	S
20:00-21:00 HOUR	2.9	SSE	1.4	SW	2.4	S
21:00-22:00 HOUR	2.2	S	2.3	WNW	1.7	S
22:00-23:00 HOUR	2.6	SSE	2.0	WNW	1.4	S
23:00-00:00 HOUR	3.4	SSE	3.0	NW	1.8	SSE
00:00-01:00 HOUR	2.5	SE	2.8	WNW	1.5	SSE
01:00-02:00 HOUR	2.5	ESE	3.0	WNW	1.6	SSW
02:00-03:00 HOUR	2.2	SSE	2.5	W	1.2	S
03:00-04:00 HOUR	2.4	ESE	3.2	WSW	1.1	SW
04:00-05:00 HOUR	1.6	SE	3.0	SW	0.8	WSW
05:00-06:00 HOUR	1.5	SSE	3.0	SSW	1.2	SSW
06:00-07:00 HOUR	1.5	SSE	2.8	ESE	1.2	SSW
07:00-08:00 HOUR	0.9	SE	2.8	ESE	1.0	S
08:00-09:00 HOUR	0.9	SSE	2.0	SSE	1.1	S

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(MR. SILA BANONGJAIIRUK)
LABORATORY SUPERVISOR

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ANALYSIS REPORT

PROJECT NAME : โครงการเจาะสำรวจดินเพื่อสนับสนุนแผนผังบริเวณถนนเลียบ L5/43 อำเภอสาทรนครทาง จังหวัดขอนแก่น
CUSTOMER NAME : APCO (KHOBAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : juaatp.p@apicollc.com
MEASURING PLACE : A4 : หน้าวัดหนองปลา
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : AUGUST 28-31, 2024
MEASURING TIME : *
MEASURING METHOD : WIND SPEED & WIND DIRECTION EQUIPMENT
MEASURED BY : MR. JUMPON SUANPET
RECEIVED DATE : AUGUST 28-31, 2024
ANALYTICAL DATE : AUGUST 28-31, 2024
ISSUE DATE : SEPTEMBER 6, 2024
REPORT NO. : 2024-U082525
WORK NO. : 2023-007683
ANALYSIS NO. : T24AU141-0007 - T24AU141-0009

TIME *	RESULT (m/s)					
	A4 : หน้าวัดหนองปลา			A4 : หน้าวัดหนองปลา		
	AUGUST 28-29, 2024		AUGUST 29-30, 2024		AUGUST 30-31, 2024	
	T24AU141-0007		T24AU141-0008		T24AU141-0009	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
09:00-10:00 HOUR	3.1	WSW	1.7	S	2.3	SSW
10:00-11:00 HOUR	3.4	S	1.8	S	2.0	S
11:00-12:00 HOUR	2.5	SSW	1.7	SE	1.8	SW
12:00-13:00 HOUR	2.2	S	1.6	SSW	2.1	SSW
13:00-14:00 HOUR	2.1	SSW	2.7	S	3.1	SW
14:00-15:00 HOUR	2.4	S	3.2	SSW	2.2	SSW
15:00-16:00 HOUR	2.2	S	2.5	SSW	2.5	SSW
16:00-17:00 HOUR	1.3	SW	2.9	SW	2.5	SSE
17:00-18:00 HOUR	1.5	SW	2.3	SW	2.0	ESE
18:00-19:00 HOUR	1.3	WSW	2.4	SW	1.8	SE
19:00-20:00 HOUR	0.9	W	2.5	S	1.6	SE
20:00-21:00 HOUR	0.8	W	2.4	WSW	2.3	SE
21:00-22:00 HOUR	1.1	WSW	1.8	S	1.8	ESE
22:00-23:00 HOUR	0.8	W	2.0	SSW	1.6	SE
23:00-00:00 HOUR	0.8	W	2.1	SW	1.7	SE
00:00-01:00 HOUR	0.9	W	2.3	S	2.0	SSE
01:00-02:00 HOUR	0.9	NW	2.2	SSW	1.4	SSW
02:00-03:00 HOUR	1.3	SW	2.3	SSW	2.1	SSW
03:00-04:00 HOUR	1.2	W	2.6	SSW	1.5	SSW
04:00-05:00 HOUR	1.6	WSW	2.6	S	2.0	SW
05:00-06:00 HOUR	2.0	W	2.9	SSW	2.0	S
06:00-07:00 HOUR	2.3	WSW	2.8	SSW	2.0	SSE
07:00-08:00 HOUR	1.8	SW	2.2	SSW	1.8	SSE
08:00-09:00 HOUR	1.9	SE	1.5	S	2.0	S

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(MR. SILA BANONGJAIIRUK)
LABORATORY SUPERVISOR

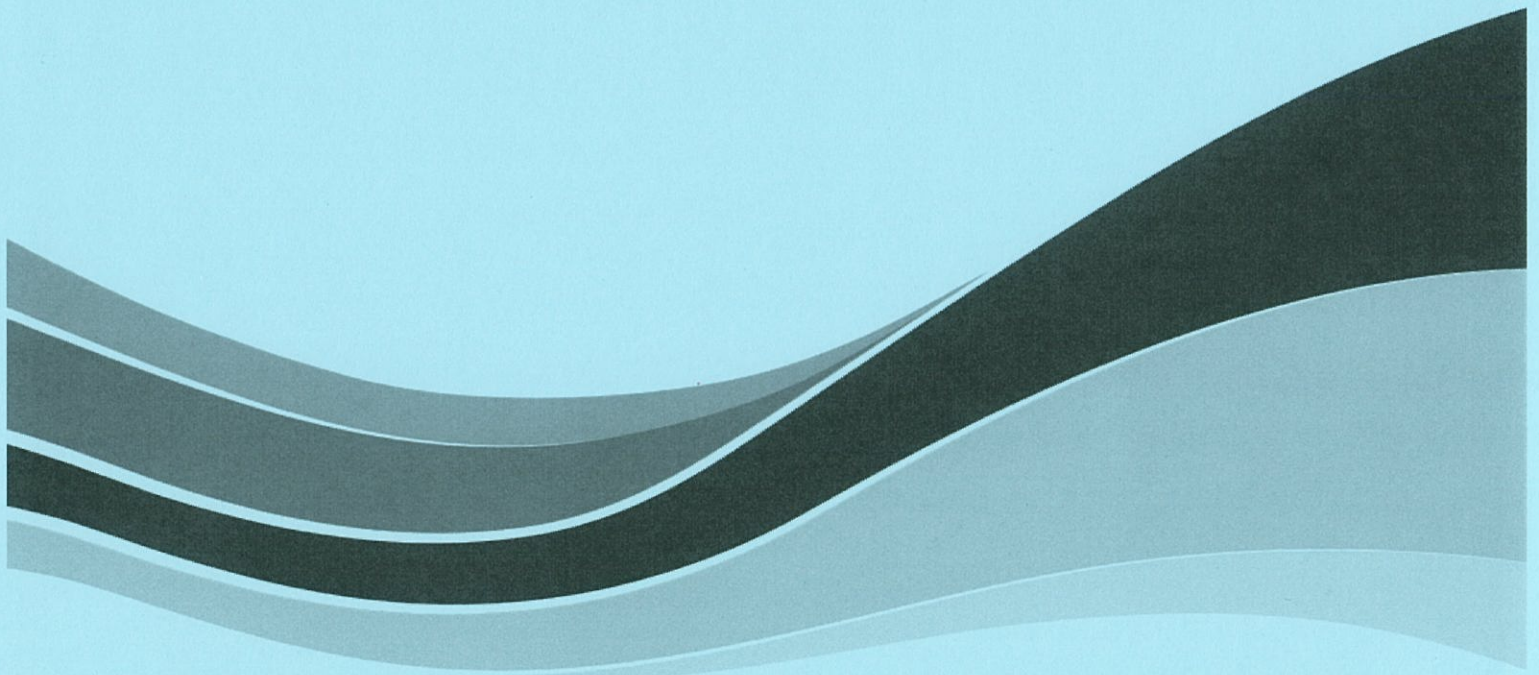
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ANALYSIS REPORT

PROJECT NAME : โครงการก่อสร้างรถไฟฟ้าสายสีเขียวเข้ม ช่วงหมอชิต-สะพานตากสิน
CUSTOMER NAME : APICO (GHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : juaelap@apicollc.com
MEASURING SOURCE : NI : ฐานเสียงพื้นโครงการ
MEASURING TYPE : AMBIENT (NOISE)
MEASURING DATE : AUGUST 28-31, 2024
MEASURING TIME : *
MEASURING METHOD : INTEGRATED SOUND LEVEL METER
MEASURED BY : MR. JUMPON SUANPET

TIME*	RESULT dB(A)		
	NI : ฐานเสียงพื้นโครงการ AUGUST 28-29, 2024 T24AU142-0010		
	L _{avg} 1 hour	L _{avg} 1 hour	L _{avg} 1 hour
07:00-08:00 HOUR	58.9	72.7	58.6
08:00-09:00 HOUR	57.6	72.4	57.3
09:00-10:00 HOUR	58.3	72.8	57.6
10:00-11:00 HOUR	59.0	80.5	58.2
11:00-12:00 HOUR	58.1	77.7	57.4
12:00-13:00 HOUR	55.7	75.2	51.6
13:00-14:00 HOUR	58.1	70.5	58.1
14:00-15:00 HOUR	57.4	75.1	57.0
15:00-16:00 HOUR	58.2	74.0	57.7
16:00-17:00 HOUR	59.9	74.2	58.1
17:00-18:00 HOUR	58.9	77.5	57.1
18:00-19:00 HOUR	57.9	67.9	56.3
19:00-20:00 HOUR	62.3	69.8	61.0
20:00-21:00 HOUR	62.6	69.8	60.9
21:00-22:00 HOUR	58.0	67.9	56.6
22:00-23:00 HOUR	59.0	66.5	58.4
23:00-00:00 HOUR	58.8	71.9	58.2
00:00-01:00 HOUR	51.7	60.7	51.0
01:00-02:00 HOUR	59.2	69.0	58.7
02:00-03:00 HOUR	59.0	69.0	58.3
03:00-04:00 HOUR	59.1	66.6	58.4
04:00-05:00 HOUR	58.7	68.5	57.9
05:00-06:00 HOUR	57.4	68.8	57.1
06:00-07:00 HOUR	51.0	69.0	48.9
L _{avg} 24 hours	58.7	64.5	
L _{eqn}			

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

RESULT dB(A)

TIME*	NI : ฐานเสียงพื้นโครงการ AUGUST 29-30, 2024 T24AU142-0011		
	L _{avg} 1 hour	L _{avg} 1 hour	L _{avg} 1 hour
07:00-08:00 HOUR	59.4	74.7	57.7
08:00-09:00 HOUR	55.3	71.0	52.4
09:00-10:00 HOUR	56.4	68.5	54.0
10:00-11:00 HOUR	58.7	74.6	56.3
11:00-12:00 HOUR	58.8	73.5	57.8
12:00-13:00 HOUR	55.9	84.4	50.7
13:00-14:00 HOUR	55.6	68.0	53.2
14:00-15:00 HOUR	57.8	76.8	54.5
15:00-16:00 HOUR	57.3	70.5	56.1
16:00-17:00 HOUR	57.8	86.5	53.8
17:00-18:00 HOUR	58.0	70.2	54.6
18:00-19:00 HOUR	53.9	70.1	52.3
19:00-20:00 HOUR	56.1	69.9	54.4
20:00-21:00 HOUR	58.5	69.0	57.9
21:00-22:00 HOUR	57.8	73.2	57.3
22:00-23:00 HOUR	57.0	76.4	57.1
23:00-00:00 HOUR	55.4	71.3	53.0
00:00-01:00 HOUR	54.1	64.6	51.3
01:00-02:00 HOUR	57.1	77.3	57.1
02:00-03:00 HOUR	58.0	66.0	57.8
03:00-04:00 HOUR	58.3	68.6	57.5
04:00-05:00 HOUR	59.3	68.6	58.6
05:00-06:00 HOUR	58.1	70.0	57.8
06:00-07:00 HOUR	52.8	66.1	50.0
L _{avg} 24 hours	57.3	63.6	
L _{eqn}			

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2024-U082508



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TIME*	RESULT dB(A)	
	N1 : ส่วนพื้นที่โครงการ AUGUST 30-31, 2024 T24AU142-0012	
	L _{eq} 1 hour	L _{eq} 1 hour
07:00-08:00 HOUR	57.9	71.3
08:00-09:00 HOUR	58.2	74.3
09:00-10:00 HOUR	57.1	77.7
10:00-11:00 HOUR	59.7	81.8
11:00-12:00 HOUR	58.7	66.1
12:00-13:00 HOUR	58.7	84.4
13:00-14:00 HOUR	59.8	67.3
14:00-15:00 HOUR	60.6	72.2
15:00-16:00 HOUR	59.8	68.8
16:00-17:00 HOUR	59.2	68.9
17:00-18:00 HOUR	62.2	69.3
18:00-19:00 HOUR	55.0	67.3
19:00-20:00 HOUR	59.1	67.6
20:00-21:00 HOUR	59.7	68.4
21:00-22:00 HOUR	59.0	66.6
22:00-23:00 HOUR	59.1	66.6
23:00-00:00 HOUR	59.9	68.8
00:00-01:00 HOUR	51.7	64.5
01:00-02:00 HOUR	59.0	68.1
02:00-03:00 HOUR	58.5	68.1
03:00-04:00 HOUR	58.4	70.3
04:00-05:00 HOUR	58.8	69.4
05:00-06:00 HOUR	59.2	74.1
06:00-07:00 HOUR	53.7	67.7
L _{eq} 24 hours	58.9	58.9
L _{dn}	64.8	64.8

bil *ju*
(MR SILA BANONGTAIRUK)
LABORATORY SUPERVISOR

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2024-U082508

ANALYSIS REPORT

PROJECT NAME : โครงการพัฒนาระบบขนส่งมวลชนสายสีส้ม ช่วงถนนพหลโยธิน-ถนนวิภาวดีรังสิต
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 08-9698-4651 e-mail : jutebip@apicodc.com
MEASURING SOURCE : N2 : บริเวณพื้นที่โครงการ ส่วนพื้นที่โครงการ ส่วนพื้นที่โครงการ
MEASURING TYPE : AMBIENT (NOISE)
MEASURING DATE : AUGUST 28-31, 2024
MEASURING TIME : *
MEASURING METHOD : INTEGRATED SOUND LEVEL METER
MEASURED BY : MR JUMPON SUANPET
RECEIVED DATE : AUGUST 28-31, 2024
ANALYTICAL DATE : AUGUST 28-31, 2024
ISSUE DATE : SEPTEMBER 6, 2024
REPORT NO. : 2024-U082508
WORK NO. : 2023-007683
ANALYSIS NO. : T24AU142-0001 - T24AU142-0003

TIME*	RESULT dB(A)	
	N2 : บริเวณพื้นที่โครงการ ส่วนพื้นที่โครงการ ส่วนพื้นที่โครงการ AUGUST 28-29, 2024 T24AU142-0001	
	L _{eq} 1 hour	L _{eq} 1 hour
07:00-08:00 HOUR	45.3	57.8
08:00-09:00 HOUR	44.6	61.8
09:00-10:00 HOUR	45.4	62.6
10:00-11:00 HOUR	44.2	61.8
11:00-12:00 HOUR	43.1	66.1
12:00-13:00 HOUR	44.6	64.6
13:00-14:00 HOUR	44.7	58.8
14:00-15:00 HOUR	47.2	55.0
15:00-16:00 HOUR	47.1	71.0
16:00-17:00 HOUR	49.5	62.3
17:00-18:00 HOUR	49.4	74.3
18:00-19:00 HOUR	48.5	56.5
19:00-20:00 HOUR	52.8	69.0
20:00-21:00 HOUR	51.1	61.8
21:00-22:00 HOUR	48.8	61.3
22:00-23:00 HOUR	49.6	59.0
23:00-00:00 HOUR	48.4	58.2
00:00-01:00 HOUR	47.7	55.6
01:00-02:00 HOUR	47.4	57.4
02:00-03:00 HOUR	45.2	58.5
03:00-04:00 HOUR	45.9	62.2
04:00-05:00 HOUR	45.7	58.8
05:00-06:00 HOUR	47.1	63.8
06:00-07:00 HOUR	43.6	56.7
L _{eq} 24 hours	47.7	47.7
L _{dn}	53.6	53.6

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TIME*	RESULT dB(A)		
	N2 : บ้านต๋อนบ้านต๋อน ตำบลหนองทราย อำเภอเมือง จังหวัดน่าน		
	AUGUST 29-30, 2024 T24AU142-0002		
	L _{eq} 1 hour	L _{max} 1 hour	L _{eq} 1 hour
07:00-08:00 HOUR	47.0	62.0	45.7
08:00-09:00 HOUR	44.1	58.0	42.0
09:00-10:00 HOUR	45.5	62.6	42.1
10:00-11:00 HOUR	46.4	63.1	44.3
11:00-12:00 HOUR	55.6	90.9	44.7
12:00-13:00 HOUR	44.5	66.1	40.0
13:00-14:00 HOUR	49.7	71.2	42.2
14:00-15:00 HOUR	45.0	59.5	43.4
15:00-16:00 HOUR	45.4	59.8	44.0
16:00-17:00 HOUR	48.9	78.9	44.2
17:00-18:00 HOUR	49.5	74.8	43.7
18:00-19:00 HOUR	47.0	65.4	43.0
19:00-20:00 HOUR	51.6	61.7	48.5
20:00-21:00 HOUR	49.7	57.6	47.7
21:00-22:00 HOUR	50.3	58.8	48.6
22:00-23:00 HOUR	48.2	64.2	45.9
23:00-00:00 HOUR	47.4	54.5	44.9
00:00-01:00 HOUR	43.4	56.5	40.8
01:00-02:00 HOUR	45.5	57.7	43.9
02:00-03:00 HOUR	44.6	55.2	43.1
03:00-04:00 HOUR	46.7	68.1	45.7
04:00-05:00 HOUR	46.1	62.1	45.4
05:00-06:00 HOUR	46.2	54.1	44.3
06:00-07:00 HOUR	41.3	52.7	38.6
L _{eq} 24 hours	48.3	48.3	
L _{day}	53.0		

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2024-U082505



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TIME*	RESULT dB(A)		
	N2 : บ้านต๋อนบ้านต๋อน ตำบลหนองทราย อำเภอเมือง จังหวัดน่าน		
	AUGUST 30-31, 2024 T24AU142-0003		
	L _{eq} 1 hour	L _{max} 1 hour	L _{eq} 1 hour
07:00-08:00 HOUR	44.7	55.1	43.6
08:00-09:00 HOUR	44.8	56.2	42.0
09:00-10:00 HOUR	45.8	56.6	43.3
10:00-11:00 HOUR	44.1	61.5	42.5
11:00-12:00 HOUR	44.2	63.2	41.0
12:00-13:00 HOUR	45.7	64.4	41.0
13:00-14:00 HOUR	45.3	61.8	43.3
14:00-15:00 HOUR	45.2	65.7	43.3
15:00-16:00 HOUR	44.5	51.4	42.0
16:00-17:00 HOUR	46.2	59.0	45.0
17:00-18:00 HOUR	47.7	58.1	47.0
18:00-19:00 HOUR	48.1	55.4	46.8
19:00-20:00 HOUR	50.0	58.5	49.0
20:00-21:00 HOUR	51.1	58.2	49.7
21:00-22:00 HOUR	51.8	67.9	49.0
22:00-23:00 HOUR	49.8	58.3	48.3
23:00-00:00 HOUR	48.8	56.9	47.4
00:00-01:00 HOUR	47.5	55.6	44.9
01:00-02:00 HOUR	47.6	62.1	44.9
02:00-03:00 HOUR	49.7	63.1	44.3
03:00-04:00 HOUR	46.8	58.9	43.8
04:00-05:00 HOUR	46.4	60.0	44.2
05:00-06:00 HOUR	46.2	60.4	45.0
06:00-07:00 HOUR	42.4	56.7	40.2
L _{eq} 24 hours	47.5	47.5	
L _{day}	54.1		

MR. SILA BANJONGJAIKUK
LABORATORY SUPERVISOR

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- End of Analysis Report -



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UNITED ANALYST AND ENGINEERING CONSULTANT COMPANY LIMITED

ANALYSIS REPORT

PROJECT NAME : โครงการก่อสร้างรถไฟฟ้าสายสีน้ำเงินส่วนต่อขยาย (S1/S2) กรุงเทพมหานคร-จังหวัดนนทบุรี
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120
CONTACT INFORMATION : N3 : หน่วยทดสอบมาตรฐานห้องปฏิบัติการ
TEL : 08 9698 4651 e-mail : julaip@apicoic.com
MEASURING SOURCE : AMBIENT (NOISE)
MEASURING TYPE : AUGUST 28-31, 2024
MEASURING DATE : AUGUST 28-31, 2024
MEASURING TIME : SEPTEMBER 6, 2024
MEASURING METHOD : INTEGRATED SOUND LEVEL METER
MEASURED BY : MR. JUMPON SUNNIPET
WORK NO. : 2023-007683
ANALYSIS NO. : T24AU142-0004 - T24AU142-0006

RESULT dB(A)			
N3 : หน่วยทดสอบมาตรฐานห้องปฏิบัติการ			
AUGUST 28-29, 2024			
T24AU142-0004			
TIME*	Leq 1 hour	Leq 3 hour	Leq 9 hour
07:00-08:00 HOUR	52.4	59.2	51.3
08:00-09:00 HOUR	52.0	57.6	50.8
09:00-10:00 HOUR	50.7	54.6	49.3
10:00-11:00 HOUR	51.7	56.3	50.9
11:00-12:00 HOUR	53.3	57.7	52.6
12:00-13:00 HOUR	51.6	54.4	50.9
13:00-14:00 HOUR	51.2	56.6	50.8
14:00-15:00 HOUR	48.8	53.4	46.7
15:00-16:00 HOUR	47.2	53.5	45.8
16:00-17:00 HOUR	50.1	54.5	49.9
17:00-18:00 HOUR	51.5	53.7	50.8
18:00-19:00 HOUR	49.5	61.0	47.4
19:00-20:00 HOUR	49.4	71.3	41.2
20:00-21:00 HOUR	48.2	67.4	46.3
21:00-22:00 HOUR	50.3	68.7	46.1
22:00-23:00 HOUR	48.7	67.7	46.5
23:00-00:00 HOUR	48.0	66.4	46.4
00:00-01:00 HOUR	47.3	60.8	46.4
01:00-02:00 HOUR	47.4	55.5	46.5
02:00-03:00 HOUR	47.9	60.5	47.2
03:00-04:00 HOUR	48.1	66.9	47.8
04:00-05:00 HOUR	46.2	57.3	44.6
05:00-06:00 HOUR	43.4	64.0	38.4
06:00-07:00 HOUR	45.3	64.8	44.4
Leq 24 hours	49.8	49.8	44.4
Leq 9	51.3	51.3	44.4

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UNITED ANALYST AND ENGINEERING CONSULTANT COMPANY LIMITED

RESULT dB(A)

N3 : หน่วยทดสอบมาตรฐานห้องปฏิบัติการ			
AUGUST 29-30, 2024			
T24AU142-0005			
TIME*	Leq 1 hour	Leq 3 hour	Leq 9 hour
07:00-08:00 HOUR	52.5	59.6	51.3
08:00-09:00 HOUR	52.1	58.0	50.8
09:00-10:00 HOUR	50.8	54.9	49.5
10:00-11:00 HOUR	51.7	56.1	50.8
11:00-12:00 HOUR	53.6	59.6	52.7
12:00-13:00 HOUR	51.6	54.6	51.2
13:00-14:00 HOUR	51.5	57.3	50.5
14:00-15:00 HOUR	49.0	54.4	47.2
15:00-16:00 HOUR	47.5	53.4	45.8
16:00-17:00 HOUR	50.1	55.0	49.9
17:00-18:00 HOUR	51.4	53.8	50.5
18:00-19:00 HOUR	49.9	61.6	48.4
19:00-20:00 HOUR	47.1	71.0	40.6
20:00-21:00 HOUR	48.5	68.6	46.8
21:00-22:00 HOUR	50.5	69.0	46.5
22:00-23:00 HOUR	48.9	67.4	46.8
23:00-00:00 HOUR	47.3	66.7	46.5
00:00-01:00 HOUR	47.4	61.5	46.3
01:00-02:00 HOUR	47.5	56.2	46.7
02:00-03:00 HOUR	47.6	59.8	46.9
03:00-04:00 HOUR	48.5	67.4	47.9
04:00-05:00 HOUR	46.7	64.4	46.2
05:00-06:00 HOUR	41.5	62.2	35.5
06:00-07:00 HOUR	46.1	65.1	43.7
Leq 24 hours	49.8	49.8	43.7
Leq 9	51.4	51.4	43.7

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TIME*	RESULT dB(A)		
	M4 : 1m10m15m10m15m		
	AUGUST 29-30, 2024		
	T24AU142-0008		
	L _{eq} 1 hour	L _{max} 1 hour	L _{eq} 1 hour
07:00-08:00 HOUR	47.4	69.3	45.8
08:00-09:00 HOUR	47.0	69.0	45.0
09:00-10:00 HOUR	46.4	65.6	44.7
10:00-11:00 HOUR	46.1	69.5	44.2
11:00-12:00 HOUR	46.4	64.8	44.1
12:00-13:00 HOUR	45.1	61.5	43.2
13:00-14:00 HOUR	45.8	60.2	44.0
14:00-15:00 HOUR	45.7	61.5	43.8
15:00-16:00 HOUR	45.8	66.9	44.1
16:00-17:00 HOUR	48.3	62.7	45.4
17:00-18:00 HOUR	46.4	66.1	44.4
18:00-19:00 HOUR	46.6	69.0	44.8
19:00-20:00 HOUR	50.5	60.8	50.0
20:00-21:00 HOUR	50.0	56.5	49.5
21:00-22:00 HOUR	49.4	54.7	48.4
22:00-23:00 HOUR	48.8	53.1	47.8
23:00-00:00 HOUR	48.1	59.8	46.9
00:00-01:00 HOUR	46.4	50.7	45.7
01:00-02:00 HOUR	46.9	51.3	45.7
02:00-03:00 HOUR	46.4	58.9	44.9
03:00-04:00 HOUR	46.3	50.4	45.6
04:00-05:00 HOUR	50.3	55.3	48.9
05:00-06:00 HOUR	50.3	68.2	47.2
06:00-07:00 HOUR	47.7	73.9	44.2
L _{eq} 24 hours		47.7	
L _{den}		54.5	



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TIME*	RESULT dB(A)		
	M4 : 1m10m15m10m15m		
	AUGUST 30-31, 2024		
	T24AU142-0009		
	L _{eq} 1 hour	L _{max} 1 hour	L _{eq} 1 hour
07:00-08:00 HOUR	46.3	67.3	44.0
08:00-09:00 HOUR	45.8	58.9	43.4
09:00-10:00 HOUR	47.2	65.3	43.8
10:00-11:00 HOUR	45.4	62.2	41.5
11:00-12:00 HOUR	45.9	66.9	38.6
12:00-13:00 HOUR	50.2	67.2	41.9
13:00-14:00 HOUR	52.9	72.6	43.3
14:00-15:00 HOUR	49.2	69.2	40.8
15:00-16:00 HOUR	48.3	70.2	40.5
16:00-17:00 HOUR	46.5	69.7	41.6
17:00-18:00 HOUR	48.5	71.0	43.1
18:00-19:00 HOUR	47.4	67.8	43.2
19:00-20:00 HOUR	51.4	62.9	45.2
20:00-21:00 HOUR	57.9	62.6	57.2
21:00-22:00 HOUR	56.6	60.1	55.1
22:00-23:00 HOUR	53.1	57.6	51.9
23:00-00:00 HOUR	53.5	65.0	50.2
00:00-01:00 HOUR	52.9	67.9	48.3
01:00-02:00 HOUR	52.1	64.6	47.8
02:00-03:00 HOUR	52.6	66.7	46.2
03:00-04:00 HOUR	50.7	67.0	45.0
04:00-05:00 HOUR	48.1	65.1	45.4
05:00-06:00 HOUR	51.7	66.0	50.5
06:00-07:00 HOUR	53.2	60.1	52.4
L _{eq} 24 hours		51.7	
L _{den}		58.5	

bit p
(MR SILA BANONGJAIKRIK)
LABORATORY SUPERVISOR



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ANALYSIS REPORT

PROJECT NAME : โครงการพัฒนาระบบขนส่งมวลชนสายสีน้ำเงินส่วนต่อขยาย สายสีน้ำเงิน ช่วงบางซื่อ-ท่าพระ

CUSTOMER NAME : APICO (KHOHAT) COMPANY LIMITED

ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120

CONTACT INFORMATION : TEL : 08 9698 4651 E-mail : jidetip@apicoll.com

MEASURING PLACE : N1 : อาคารศูนย์ควบคุม

MEASURING TYPE : AMBIENT (ANNOYANCE NOISE)

RECEIVED DATE : AUGUST 28-31, 2024

ANALYTICAL DATE : AUGUST 28-31, 2024

MEASURING DATE : AUGUST 28-31, 2024

ISSUE DATE : SEPTEMBER 6, 2024

REPORT NO. : 2024-U082504

MEASURING EQUIPMENT : INTEGRATED SOUND LEVEL METER AND CALCULATOR

MEASURED BY : MR JUMPON SUANPET

WORK NO. : 2023-007883

ANALYSIS NO. : T24UJ42-0010 - T24UJ42-0012

RESULT (dB(A))

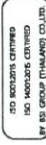
N1 : อาคารศูนย์ควบคุม

DATE	TIME*	RESULT (dB(A))			
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 28, 2024 T24UJ42-0010	DAY TIME ^{1/}				
	07:00-08:00 HOUR	58.9 ^{1/}	55.4 ^{1/}	56.3 ^{1/}	54.8 ^{1/}
	08:00-09:00 HOUR	57.6 ^{1/}	55.3 ^{1/}	53.7 ^{1/}	54.5 ^{1/}
	09:00-10:00 HOUR	58.3 ^{1/}	55.4 ^{1/}	55.2 ^{1/}	54.1 ^{1/}
	10:00-11:00 HOUR	59.0 ^{1/}	55.3 ^{1/}	56.6 ^{1/}	54.6 ^{1/}
	11:00-12:00 HOUR	58.1 ^{1/}	54.7 ^{1/}	55.5 ^{1/}	53.8 ^{1/}
	12:00-13:00 HOUR	55.7 ^{1/}	53.8 ^{1/}	51.2 ^{1/}	47.6 ^{1/}
	13:00-14:00 HOUR	58.1 ^{1/}	55.3 ^{1/}	54.9 ^{1/}	54.7 ^{1/}
	14:00-15:00 HOUR	57.4 ^{1/}	54.1 ^{1/}	54.7 ^{1/}	53.4 ^{1/}
	15:00-16:00 HOUR	58.2 ^{1/}	54.7 ^{1/}	55.6 ^{1/}	54.1 ^{1/}
	16:00-17:00 HOUR	59.9 ^{1/}	56.3 ^{1/}	57.4 ^{1/}	55.2 ^{1/}
	17:00-18:00 HOUR	58.9 ^{1/}	56.3 ^{1/}	55.4 ^{1/}	54.7 ^{1/}
	18:00-19:00 HOUR	57.9 ^{1/}	52.9 ^{1/}	56.3 ^{1/}	52.5 ^{1/}
	19:00-20:00 HOUR	62.3 ^{1/}	58.6 ^{1/}	59.9 ^{1/}	57.9 ^{1/}
	20:00-21:00 HOUR	62.6 ^{1/}	59.0 ^{1/}	60.1 ^{1/}	57.6 ^{1/}
	21:00-22:00 HOUR	58.0 ^{1/}	52.9 ^{1/}	56.4 ^{1/}	52.6 ^{1/}
	NIGHT TIME ^{2/}				
	22:00-22:05 HOUR	58.9 ^{1/}	56.0 ^{1/}	58.8 ^{1/}	55.5 ^{1/}
	22:05-22:10 HOUR	58.6 ^{1/}	56.0 ^{1/}	58.1 ^{1/}	55.5 ^{1/}
	22:10-22:15 HOUR	58.8 ^{1/}	56.0 ^{1/}	58.6 ^{1/}	55.5 ^{1/}
	22:15-22:20 HOUR	59.0 ^{1/}	55.2 ^{1/}	59.7 ^{1/}	54.4 ^{1/}
	22:20-22:25 HOUR	58.6 ^{1/}	55.2 ^{1/}	59.0 ^{1/}	54.4 ^{1/}
	22:25-22:30 HOUR	59.4 ^{1/}	55.2 ^{1/}	60.3 ^{1/}	54.4 ^{1/}
	22:30-22:35 HOUR	58.9 ^{1/}	55.9 ^{1/}	58.9 ^{1/}	55.3 ^{1/}
	22:35-22:40 HOUR	59.3 ^{1/}	55.9 ^{1/}	59.7 ^{1/}	55.3 ^{1/}
	22:40-22:45 HOUR	59.3 ^{1/}	55.9 ^{1/}	59.6 ^{1/}	55.3 ^{1/}
	22:45-22:50 HOUR	58.9 ^{1/}	55.0 ^{1/}	58.6 ^{1/}	54.4 ^{1/}
	22:50-22:55 HOUR	59.4 ^{1/}	55.0 ^{1/}	60.4 ^{1/}	54.4 ^{1/}
	22:55-23:00 HOUR	58.7 ^{1/}	55.0 ^{1/}	59.4 ^{1/}	54.4 ^{1/}
	23:00-23:05 HOUR	59.4 ^{1/}	55.7 ^{1/}	59.9 ^{1/}	55.2 ^{1/}
	23:05-23:10 HOUR	60.1 ^{1/}	55.7 ^{1/}	61.1 ^{1/}	55.2 ^{1/}
	23:10-23:15 HOUR	58.6 ^{1/}	55.7 ^{1/}	58.5 ^{1/}	55.2 ^{1/}

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DATE	TIME*	RESULT (dB(A))			
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 28, 2024 T24UJ42-0010	NIGHT TIME ^{2/}				
	23:15-23:20 HOUR	57.7 ^{1/}	54.7 ^{1/}	57.8 ^{1/}	54.0 ^{1/}
	23:20-23:25 HOUR	58.0 ^{1/}	54.7 ^{1/}	58.3 ^{1/}	54.0 ^{1/}
	23:25-23:30 HOUR	58.8 ^{1/}	54.7 ^{1/}	59.7 ^{1/}	54.0 ^{1/}
	23:30-23:35 HOUR	58.5 ^{1/}	55.7 ^{1/}	58.2 ^{1/}	55.0 ^{1/}
	23:35-23:40 HOUR	59.2 ^{1/}	55.7 ^{1/}	59.6 ^{1/}	55.0 ^{1/}
	23:40-23:45 HOUR	58.4 ^{1/}	55.7 ^{1/}	58.0 ^{1/}	55.0 ^{1/}
	23:45-23:50 HOUR	59.1 ^{1/}	55.2 ^{1/}	59.8 ^{1/}	54.4 ^{1/}
	23:50-23:55 HOUR	59.2 ^{1/}	55.2 ^{1/}	59.9 ^{1/}	54.4 ^{1/}
	23:55-00:00 HOUR	59.8 ^{1/}	55.2 ^{1/}	59.3 ^{1/}	54.4 ^{1/}
	NIGHT TIME ^{2/}				
	00:00-00:05 HOUR	53.7 ^{1/}	48.5 ^{1/}	55.2 ^{1/}	48.0 ^{1/}
	00:05-00:10 HOUR	51.4 ^{1/}	48.5 ^{1/}	51.3 ^{1/}	48.0 ^{1/}
	00:10-00:15 HOUR	51.7 ^{1/}	48.5 ^{1/}	51.9 ^{1/}	48.0 ^{1/}
	00:15-00:20 HOUR	51.1 ^{1/}	48.3 ^{1/}	50.8 ^{1/}	47.9 ^{1/}
	00:20-00:25 HOUR	51.5 ^{1/}	48.3 ^{1/}	51.6 ^{1/}	47.9 ^{1/}
	00:25-00:30 HOUR	51.2 ^{1/}	48.3 ^{1/}	51.1 ^{1/}	47.9 ^{1/}
	00:30-00:35 HOUR	51.6 ^{1/}	48.3 ^{1/}	51.9 ^{1/}	47.9 ^{1/}
	00:35-00:40 HOUR	52.2 ^{1/}	48.3 ^{1/}	52.9 ^{1/}	47.9 ^{1/}
	00:40-00:45 HOUR	51.1 ^{1/}	48.3 ^{1/}	50.9 ^{1/}	47.9 ^{1/}
	00:45-00:50 HOUR	51.0 ^{1/}	47.3 ^{1/}	51.5 ^{1/}	46.9 ^{1/}
	00:50-00:55 HOUR	51.6 ^{1/}	47.3 ^{1/}	52.6 ^{1/}	46.9 ^{1/}
	00:55-01:00 HOUR	56.3 ^{1/}	54.2 ^{1/}	51.7 ^{1/}	46.9 ^{1/}
	01:00-01:05 HOUR	58.8 ^{1/}	54.2 ^{1/}	59.9 ^{1/}	53.5 ^{1/}
	01:05-01:10 HOUR	58.8 ^{1/}	54.2 ^{1/}	60.0 ^{1/}	53.5 ^{1/}
	01:10-01:15 HOUR	60.3 ^{1/}	55.6 ^{1/}	61.5 ^{1/}	55.0 ^{1/}
	01:15-01:20 HOUR	60.3 ^{1/}	55.6 ^{1/}	61.5 ^{1/}	55.0 ^{1/}
	01:20-01:25 HOUR	59.4 ^{1/}	55.6 ^{1/}	60.1 ^{1/}	55.0 ^{1/}
	01:25-01:30 HOUR	58.5 ^{1/}	55.6 ^{1/}	58.5 ^{1/}	55.0 ^{1/}
	01:30-01:35 HOUR	59.1 ^{1/}	55.5 ^{1/}	59.7 ^{1/}	54.8 ^{1/}
	01:35-01:40 HOUR	59.6 ^{1/}	55.5 ^{1/}	60.5 ^{1/}	54.8 ^{1/}
	01:40-01:45 HOUR	58.7 ^{1/}	55.5 ^{1/}	58.8 ^{1/}	54.8 ^{1/}
	01:45-01:50 HOUR	59.7 ^{1/}	56.1 ^{1/}	60.2 ^{1/}	55.4 ^{1/}
	01:50-01:55 HOUR	59.6 ^{1/}	56.1 ^{1/}	60.1 ^{1/}	55.4 ^{1/}
	01:55-02:00 HOUR	60.3 ^{1/}	56.1 ^{1/}	61.2 ^{1/}	55.4 ^{1/}
	02:00-02:05 HOUR	59.6 ^{1/}	56.1 ^{1/}	60.0 ^{1/}	55.5 ^{1/}
	02:05-02:10 HOUR	59.7 ^{1/}	56.1 ^{1/}	60.3 ^{1/}	55.5 ^{1/}
	02:10-02:15 HOUR	58.3 ^{1/}	56.1 ^{1/}	57.2 ^{1/}	55.5 ^{1/}
	02:15-02:20 HOUR	58.2 ^{1/}	56.6 ^{1/}	56.2 ^{1/}	55.8 ^{1/}
	02:20-02:25 HOUR	58.9 ^{1/}	56.6 ^{1/}	58.1 ^{1/}	55.8 ^{1/}
	02:25-02:30 HOUR	59.0 ^{1/}	56.6 ^{1/}	58.3 ^{1/}	55.8 ^{1/}
	02:30-02:35 HOUR	58.7 ^{1/}	56.4 ^{1/}	58.7 ^{1/}	55.7 ^{1/}
	02:35-02:40 HOUR	58.7 ^{1/}	56.4 ^{1/}	58.0 ^{1/}	55.7 ^{1/}
	02:40-02:45 HOUR	58.9 ^{1/}	56.4 ^{1/}	58.4 ^{1/}	55.7 ^{1/}
	02:45-02:50 HOUR	59.2 ^{1/}	56.1 ^{1/}	59.3 ^{1/}	55.6 ^{1/}

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DATE	TIME*	RESULT (dB(A))				
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 29, 2024 T24AU142-0011	NIGHT TIME ^{1/}					
	02:50-02:55 HOUR	58.5 ^{1/}	56.1 ^{1/}	57.8 ^{2/}	55.6 ^{1/}	2.2
	02:55-03:00 HOUR	59.7 ^{2/}	56.1 ^{1/}	60.2 ^{2/}	55.6 ^{1/}	4.6
	03:00-03:05 HOUR	58.9 ^{2/}	56.6 ^{1/}	58.1 ^{2/}	55.7 ^{1/}	2.4
	03:05-03:10 HOUR	59.7 ^{2/}	56.6 ^{1/}	59.7 ^{2/}	55.7 ^{1/}	4.0
	03:10-03:15 HOUR	59.2 ^{2/}	56.6 ^{1/}	58.7 ^{2/}	55.7 ^{1/}	3.0
	03:15-03:20 HOUR	59.7 ^{2/}	55.9 ^{1/}	60.3 ^{2/}	55.1 ^{1/}	5.2
	03:20-03:25 HOUR	59.2 ^{2/}	55.9 ^{1/}	59.5 ^{2/}	55.1 ^{1/}	4.4
	03:25-03:30 HOUR	59.6 ^{2/}	55.9 ^{1/}	60.2 ^{2/}	55.1 ^{1/}	5.1
	03:30-03:35 HOUR	59.1 ^{2/}	54.9 ^{1/}	60.0 ^{2/}	54.2 ^{1/}	5.8
	03:35-03:40 HOUR	58.7 ^{2/}	54.9 ^{1/}	59.3 ^{2/}	54.2 ^{1/}	5.1
	03:40-03:45 HOUR	58.8 ^{2/}	54.9 ^{1/}	59.6 ^{2/}	54.2 ^{1/}	5.4
	03:45-03:50 HOUR	58.5 ^{2/}	55.5 ^{1/}	58.5 ^{2/}	54.7 ^{1/}	3.8
	03:50-03:55 HOUR	58.7 ^{2/}	55.5 ^{1/}	58.9 ^{2/}	54.7 ^{1/}	4.2
	03:55-04:00 HOUR	59.4 ^{2/}	55.5 ^{1/}	60.2 ^{2/}	54.7 ^{1/}	5.5
	04:00-04:05 HOUR	58.7 ^{2/}	55.6 ^{1/}	59.2 ^{2/}	54.7 ^{1/}	4.5
	04:05-04:10 HOUR	58.9 ^{2/}	55.6 ^{1/}	59.2 ^{2/}	54.7 ^{1/}	4.0
	04:10-04:15 HOUR	58.7 ^{2/}	55.6 ^{1/}	58.8 ^{2/}	54.8 ^{1/}	4.5
	04:15-04:20 HOUR	58.2 ^{2/}	55.6 ^{1/}	58.2 ^{2/}	54.8 ^{1/}	3.4
	04:20-04:25 HOUR	58.4 ^{2/}	55.6 ^{1/}	59.1 ^{2/}	54.8 ^{1/}	4.3
AUGUST 29, 2024 T24AU142-0011	DAY TIME ^{1/}					
	04:25-04:30 HOUR	58.9 ^{2/}	56.3 ^{1/}	60.4 ^{2/}	55.4 ^{1/}	5.0
	04:30-04:35 HOUR	59.9 ^{2/}	56.3 ^{1/}	60.4 ^{2/}	55.4 ^{1/}	5.0
	04:35-04:40 HOUR	59.3 ^{2/}	56.3 ^{1/}	57.8 ^{2/}	55.4 ^{1/}	2.4
	04:40-04:45 HOUR	58.6 ^{2/}	56.3 ^{1/}	59.0 ^{2/}	53.5 ^{1/}	5.5
	04:45-04:50 HOUR	58.2 ^{2/}	54.2 ^{1/}	57.3 ^{2/}	53.5 ^{1/}	3.8
	04:50-04:55 HOUR	57.3 ^{2/}	54.2 ^{1/}	57.6 ^{2/}	53.5 ^{1/}	4.1
	04:55-05:00 HOUR	57.4 ^{2/}	54.2 ^{1/}	59.2 ^{2/}	53.7 ^{1/}	5.5
	05:00-05:05 HOUR	58.3 ^{2/}	54.3 ^{1/}	56.8 ^{2/}	53.7 ^{1/}	3.1
	05:05-05:10 HOUR	57.1 ^{2/}	54.3 ^{1/}	58.0 ^{2/}	53.7 ^{1/}	4.3
	05:10-05:15 HOUR	57.7 ^{2/}	54.3 ^{1/}	58.0 ^{2/}	53.9 ^{1/}	4.1
	05:15-05:20 HOUR	57.8 ^{2/}	54.6 ^{1/}	56.6 ^{2/}	53.9 ^{1/}	1.5
	05:20-05:25 HOUR	56.6 ^{2/}	54.6 ^{1/}	55.4 ^{2/}	53.9 ^{1/}	1.5
	05:25-05:30 HOUR	58.3 ^{2/}	54.6 ^{1/}	59.0 ^{2/}	53.9 ^{1/}	5.1
	05:30-05:35 HOUR	58.3 ^{2/}	54.2 ^{1/}	59.1 ^{2/}	53.4 ^{1/}	5.7
	05:35-05:40 HOUR	58.3 ^{2/}	54.2 ^{1/}	59.1 ^{2/}	53.4 ^{1/}	5.7
	05:40-05:45 HOUR	57.9 ^{2/}	54.2 ^{1/}	58.5 ^{2/}	53.4 ^{1/}	5.1
	05:45-05:50 HOUR	56.9 ^{2/}	54.8 ^{1/}	55.6 ^{2/}	52.7 ^{1/}	2.9
	05:50-05:55 HOUR	57.1 ^{2/}	54.8 ^{1/}	56.2 ^{2/}	52.7 ^{1/}	3.5
	05:55-06:00 HOUR	51.8 ^{2/}	54.8 ^{1/}	<0.8 ^{2/}	52.7 ^{1/}	<0.8 ^{2/}
AUGUST 29, 2024 T24AU142-0011	DAY TIME ^{1/}					
	06:00-07:00 HOUR	51.0 ^{1/}	46.8 ^{1/}	48.9 ^{1/}	46.3 ^{1/}	2.6
	DAY TIME ^{1/}					
	07:00-08:00 HOUR	59.4 ^{1/}	55.6 ^{1/}	57.1 ^{1/}	54.6 ^{1/}	2.5
	08:00-09:00 HOUR	55.3 ^{1/}	50.6 ^{1/}	53.5 ^{1/}	49.3 ^{1/}	4.2
AUGUST 30, 2024 T24AU142-0011	DAY TIME ^{1/}					
	09:00-10:00 HOUR	56.4 ^{1/}	53.5 ^{1/}	53.2 ^{1/}	50.6 ^{1/}	2.6
	10:00-11:00 HOUR	58.7 ^{1/}	55.4 ^{1/}	55.9 ^{1/}	52.2 ^{1/}	3.7

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DATE	TIME*	RESULT (dB(A))				
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 29, 2024 T24AU142-0011	DAY TIME ^{1/}					
	11:00-12:00 HOUR	58.8 ^{1/}	55.6 ^{1/}	55.9 ^{1/}	54.2 ^{1/}	1.7
	12:00-13:00 HOUR	55.9 ^{1/}	48.0 ^{1/}	55.1 ^{1/}	47.0 ^{1/}	8.1
	13:00-14:00 HOUR	55.6 ^{1/}	50.4 ^{1/}	54.0 ^{1/}	49.7 ^{1/}	4.3
	14:00-15:00 HOUR	57.8 ^{1/}	55.2 ^{1/}	54.4 ^{1/}	52.6 ^{1/}	1.8
	15:00-16:00 HOUR	57.3 ^{1/}	53.9 ^{1/}	54.6 ^{1/}	53.1 ^{1/}	1.5
	16:00-17:00 HOUR	57.8 ^{1/}	53.5 ^{1/}	55.8 ^{1/}	50.2 ^{1/}	5.6
	17:00-18:00 HOUR	58.0 ^{1/}	54.8 ^{1/}	55.2 ^{1/}	51.2 ^{1/}	4.0
	18:00-19:00 HOUR	53.9 ^{1/}	51.4 ^{1/}	50.3 ^{1/}	49.3 ^{1/}	1.0
	19:00-20:00 HOUR	56.1 ^{1/}	52.4 ^{1/}	53.7 ^{1/}	50.3 ^{1/}	3.4
	20:00-21:00 HOUR	58.5 ^{1/}	55.1 ^{1/}	55.8 ^{1/}	54.3 ^{1/}	1.5
	21:00-22:00 HOUR	57.8 ^{1/}	54.1 ^{1/}	55.4 ^{1/}	53.6 ^{1/}	1.8
	NIGHT TIME ^{2/}					
	22:00-22:05 HOUR	57.8 ^{2/}	54.1 ^{1/}	58.4 ^{2/}	53.5 ^{1/}	4.9
	22:05-22:10 HOUR	57.9 ^{2/}	54.1 ^{1/}	58.5 ^{2/}	53.5 ^{1/}	5.0
	22:10-22:15 HOUR	56.7 ^{2/}	54.1 ^{1/}	56.2 ^{2/}	53.5 ^{1/}	2.7
	22:15-22:20 HOUR	58.2 ^{2/}	54.6 ^{1/}	58.8 ^{2/}	54.1 ^{1/}	4.7
	22:20-22:25 HOUR	58.1 ^{2/}	54.6 ^{1/}	58.5 ^{2/}	54.1 ^{1/}	4.4
	22:25-22:30 HOUR	57.6 ^{2/}	54.6 ^{1/}	57.7 ^{2/}	54.1 ^{1/}	3.6
	22:30-22:35 HOUR	57.2 ^{2/}	55.1 ^{1/}	56.0 ^{2/}	54.4 ^{1/}	1.6
	22:35-22:40 HOUR	58.0 ^{2/}	55.1 ^{1/}	57.9 ^{2/}	54.4 ^{1/}	3.5
	22:40-22:45 HOUR	58.4 ^{2/}	55.1 ^{1/}	58.6 ^{2/}	54.4 ^{1/}	4.2
	22:45-22:50 HOUR	54.8 ^{2/}	48.7 ^{1/}	56.5 ^{2/}	48.0 ^{1/}	8.5
AUGUST 30, 2024 T24AU142-0011	DAY TIME ^{1/}					
	22:50-22:55 HOUR	52.1 ^{1/}	48.7 ^{1/}	52.5 ^{1/}	48.0 ^{1/}	4.5
	22:55-23:00 HOUR	52.7 ^{1/}	48.7 ^{1/}	53.4 ^{1/}	48.0 ^{1/}	5.4
	23:00-23:05 HOUR	54.6 ^{1/}	49.3 ^{1/}	54.6 ^{1/}	48.8 ^{1/}	7.2
	23:05-23:10 HOUR	54.9 ^{1/}	49.3 ^{1/}	56.5 ^{1/}	48.8 ^{1/}	7.7
	23:10-23:15 HOUR	53.1 ^{1/}	49.3 ^{1/}	53.8 ^{1/}	48.8 ^{1/}	5.0
	23:15-23:20 HOUR	52.3 ^{1/}	49.0 ^{1/}	52.6 ^{1/}	48.3 ^{1/}	4.3
	23:20-23:25 HOUR	53.0 ^{1/}	49.0 ^{1/}	53.8 ^{1/}	48.3 ^{1/}	5.5
	23:25-23:30 HOUR	54.6 ^{1/}	49.0 ^{1/}	56.2 ^{1/}	48.3 ^{1/}	7.9
	23:30-23:35 HOUR	55.5 ^{1/}	54.5 ^{1/}	51.4 ^{1/}	51.2 ^{1/}	<0.8 ^{1/}
	23:35-23:40 HOUR	57.8 ^{1/}	54.5 ^{1/}	58.2 ^{1/}	51.2 ^{1/}	7.0
	23:40-23:45 HOUR	57.4 ^{1/}	54.5 ^{1/}	57.3 ^{1/}	51.2 ^{1/}	6.1
	23:45-23:50 HOUR	56.2 ^{1/}	51.6 ^{1/}	57.4 ^{1/}	49.7 ^{1/}	7.7
	23:50-23:55 HOUR	55.4 ^{1/}	51.6 ^{1/}	56.1 ^{1/}	49.7 ^{1/}	6.4
	23:55-00:00 HOUR	56.3 ^{1/}	51.6 ^{1/}	57.6 ^{1/}	49.7 ^{1/}	7.9
	NIGHT TIME ^{2/}					
	00:00-00:05 HOUR	57.2 ^{2/}	54.8 ^{1/}	56.5 ^{2/}	54.5 ^{1/}	2.0
	00:05-00:10 HOUR	57.5 ^{2/}	54.8 ^{1/}	57.2 ^{2/}	54.5 ^{1/}	2.7
	00:10-00:15 HOUR	58.4 ^{2/}	54.8 ^{1/}	58.9 ^{2/}	54.5 ^{1/}	4.4
	00:15-00:20 HOUR	51.9 ^{2/}	47.8 ^{1/}	52.7 ^{2/}	47.4 ^{1/}	5.3
AUGUST 30, 2024 T24AU142-0011	DAY TIME ^{1/}					
	00:20-00:25 HOUR	52.1 ^{1/}	47.8 ^{1/}	53.1 ^{1/}	47.4 ^{1/}	5.7
	00:25-00:30 HOUR	50.6 ^{1/}	47.8 ^{1/}	50.4 ^{1/}	47.4 ^{1/}	3.0
	00:30-00:35 HOUR	51.4 ^{1/}	48.1 ^{1/}	51.6 ^{1/}	47.7 ^{1/}	3.9
	00:35-00:40 HOUR	51.4 ^{1/}	48.1 ^{1/}	51.6 ^{1/}	47.7 ^{1/}	3.9

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DATE	TIME*	RESULT (dB(A))				
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 30, 2024 T24U142-0011	NIGHT TIME ^{2/}					
	00:40-00:45 HOUR	51.9 ^{2/}	48.1 ^{***}	52.6 ^{2/}	47.7 ^{***}	4.9
	00:45-00:50 HOUR	51.2 ^{2/}	47.7 ^{***}	51.6 ^{2/}	47.3 ^{***}	4.3
	00:50-00:55 HOUR	51.6 ^{2/}	47.7 ^{***}	52.3 ^{2/}	47.3 ^{***}	5.0
	00:55-01:00 HOUR	51.8 ^{2/}	47.7 ^{***}	52.7 ^{2/}	47.3 ^{***}	5.4
	01:00-01:05 HOUR	50.9 ^{2/}	48.6 ^{***}	50.0 ^{2/}	48.1 ^{***}	1.9
	01:05-01:10 HOUR	51.3 ^{2/}	48.6 ^{***}	50.9 ^{2/}	48.1 ^{***}	2.8
	01:10-01:15 HOUR	52.0 ^{2/}	48.6 ^{***}	52.3 ^{2/}	48.1 ^{***}	4.2
	01:15-01:20 HOUR	54.0 ^{2/}	54.3 ^{***}	<0.8 ^{2/}	51.1 ^{***}	<0.8 ^{2/}
	01:20-01:25 HOUR	57.5 ^{2/}	54.3 ^{***}	57.7 ^{2/}	51.1 ^{***}	6.6
	01:25-01:30 HOUR	57.9 ^{2/}	54.3 ^{***}	58.5 ^{2/}	51.1 ^{***}	7.4
	01:30-01:35 HOUR	58.5 ^{2/}	55.0 ^{***}	58.9 ^{2/}	54.4 ^{***}	4.5
	01:35-01:40 HOUR	57.4 ^{2/}	55.0 ^{***}	56.7 ^{2/}	54.4 ^{***}	2.3
	01:40-01:45 HOUR	59.0 ^{2/}	55.0 ^{***}	59.8 ^{2/}	54.4 ^{***}	5.4
	01:45-01:50 HOUR	58.6 ^{2/}	55.3 ^{***}	58.9 ^{2/}	54.4 ^{***}	4.5
	01:50-01:55 HOUR	58.5 ^{2/}	55.3 ^{***}	59.6 ^{2/}	54.4 ^{***}	5.2
	01:55-02:00 HOUR	59.0 ^{2/}	55.4 ^{***}	60.1 ^{2/}	54.6 ^{***}	5.5
	02:00-02:05 HOUR	59.3 ^{2/}	55.4 ^{***}	59.7 ^{2/}	54.6 ^{***}	4.1
	02:05-02:10 HOUR	57.9 ^{2/}	55.4 ^{***}	57.3 ^{2/}	54.6 ^{***}	2.7
	02:10-02:15 HOUR	58.1 ^{2/}	54.7 ^{***}	58.4 ^{2/}	54.2 ^{***}	4.2
	02:15-02:20 HOUR	58.9 ^{2/}	54.7 ^{***}	59.8 ^{2/}	54.2 ^{***}	5.6
	02:20-02:25 HOUR	57.9 ^{2/}	54.0 ^{***}	58.1 ^{2/}	54.2 ^{***}	3.9
	02:25-02:30 HOUR	58.4 ^{2/}	54.0 ^{***}	59.5 ^{2/}	53.5 ^{***}	6.0
	02:30-02:35 HOUR	58.0 ^{2/}	54.0 ^{***}	58.8 ^{2/}	53.5 ^{***}	5.3
	02:35-02:40 HOUR	59.1 ^{2/}	51.6 ^{***}	60.5 ^{2/}	53.5 ^{***}	7.0
	02:40-02:45 HOUR	57.3 ^{2/}	51.6 ^{***}	59.0 ^{2/}	51.2 ^{***}	7.8
	02:45-02:50 HOUR	55.5 ^{2/}	51.6 ^{***}	56.2 ^{2/}	51.2 ^{***}	5.0
	02:50-02:55 HOUR	54.6 ^{2/}	51.6 ^{***}	54.6 ^{2/}	51.2 ^{***}	3.4
	02:55-03:00 HOUR	56.1 ^{2/}	52.0 ^{***}	56.9 ^{2/}	51.5 ^{***}	5.4
	03:00-03:05 HOUR	56.3 ^{2/}	52.0 ^{***}	57.3 ^{2/}	51.5 ^{***}	5.8
	03:05-03:10 HOUR	55.9 ^{2/}	53.0 ^{***}	58.2 ^{2/}	51.5 ^{***}	6.7
	03:10-03:15 HOUR	56.8 ^{2/}	53.0 ^{***}	55.8 ^{2/}	51.8 ^{***}	4.0
	03:15-03:20 HOUR	56.8 ^{2/}	53.0 ^{***}	57.4 ^{2/}	51.8 ^{***}	5.6
	03:20-03:25 HOUR	56.6 ^{2/}	53.0 ^{***}	60.6 ^{2/}	51.8 ^{***}	8.8
	03:25-03:30 HOUR	58.9 ^{2/}	56.5 ^{***}	57.8 ^{2/}	56.0 ^{***}	1.8
	03:30-03:35 HOUR	59.8 ^{2/}	56.5 ^{***}	60.0 ^{2/}	56.0 ^{***}	4.0
	03:35-03:40 HOUR	59.1 ^{2/}	56.5 ^{***}	59.7 ^{2/}	56.0 ^{***}	2.7
	03:40-03:45 HOUR	59.4 ^{2/}	56.0 ^{***}	59.7 ^{2/}	55.5 ^{***}	4.2
	03:45-03:50 HOUR	59.0 ^{2/}	56.0 ^{***}	59.0 ^{2/}	55.5 ^{***}	3.5
	03:50-03:55 HOUR	59.8 ^{2/}	56.0 ^{***}	60.5 ^{2/}	55.5 ^{***}	5.0
	03:55-04:00 HOUR	59.2 ^{2/}	55.6 ^{***}	59.7 ^{2/}	54.9 ^{***}	4.8
	04:00-04:05 HOUR	59.0 ^{2/}	55.6 ^{***}	59.3 ^{2/}	54.9 ^{***}	4.4
	04:05-04:10 HOUR	59.6 ^{2/}	55.6 ^{***}	59.6 ^{2/}	54.9 ^{***}	5.6
	04:10-04:15 HOUR	59.8 ^{2/}	55.9 ^{***}	60.6 ^{2/}	55.1 ^{***}	5.5
	04:15-04:20 HOUR					

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2024-U082504



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DATE	TIME*	RESULT (dB(A))				
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 30, 2024 T24U142-0011	NIGHT TIME ^{2/}					
	04:20-04:25 HOUR	59.5 ^{2/}	55.9 ^{***}	60.0 ^{2/}	55.1 ^{***}	4.9
	04:25-04:30 HOUR	59.5 ^{2/}	55.9 ^{***}	60.0 ^{2/}	55.1 ^{***}	4.9
	04:30-04:35 HOUR	59.2 ^{2/}	55.7 ^{***}	58.7 ^{2/}	54.4 ^{***}	4.8
	04:35-04:40 HOUR	59.3 ^{2/}	55.2 ^{***}	60.2 ^{2/}	54.4 ^{***}	5.8
	04:40-04:45 HOUR	58.9 ^{2/}	55.2 ^{***}	59.5 ^{2/}	54.4 ^{***}	5.1
	04:45-04:50 HOUR	59.4 ^{2/}	55.4 ^{***}	60.2 ^{2/}	54.6 ^{***}	5.6
	04:50-04:55 HOUR	59.2 ^{2/}	55.4 ^{***}	59.8 ^{2/}	54.6 ^{***}	5.2
	04:55-05:00 HOUR	59.1 ^{2/}	55.4 ^{***}	59.7 ^{2/}	54.6 ^{***}	5.1
	05:00-05:05 HOUR	59.5 ^{2/}	55.8 ^{***}	60.0 ^{2/}	55.2 ^{***}	4.8
	05:05-05:10 HOUR	59.2 ^{2/}	55.8 ^{***}	59.6 ^{2/}	55.2 ^{***}	4.4
	05:10-05:15 HOUR	54.7 ^{2/}	55.8 ^{***}	<0.8 ^{2/}	55.2 ^{***}	<0.8 ^{2/}
	05:15-05:20 HOUR	55.2 ^{2/}	52.2 ^{***}	56.1 ^{2/}	51.7 ^{***}	4.4
	05:20-05:25 HOUR	55.2 ^{2/}	52.2 ^{***}	55.3 ^{2/}	51.7 ^{***}	3.6
	05:25-05:30 HOUR	58.0 ^{2/}	52.2 ^{***}	59.7 ^{2/}	51.7 ^{***}	8.0
	05:30-05:35 HOUR	57.9 ^{2/}	55.4 ^{***}	57.3 ^{2/}	55.0 ^{***}	2.3
	05:35-05:40 HOUR	58.3 ^{2/}	55.4 ^{***}	58.3 ^{2/}	55.0 ^{***}	3.3
	05:40-05:45 HOUR	59.3 ^{2/}	55.4 ^{***}	60.0 ^{2/}	55.0 ^{***}	5.0
	05:45-05:50 HOUR	58.2 ^{2/}	55.2 ^{***}	58.1 ^{2/}	54.6 ^{***}	3.5
	05:50-05:55 HOUR	59.0 ^{2/}	55.2 ^{***}	59.7 ^{2/}	54.6 ^{***}	5.1
	05:55-06:00 HOUR	59.2 ^{2/}	55.2 ^{***}	60.0 ^{2/}	54.6 ^{***}	5.4
	DAY TIME ^{1/}					
	06:00-07:00 HOUR	52.8 ^{1/}	47.8 ^{***}	51.2 ^{1/}	47.2 ^{***}	4.0
	DAY TIME ^{1/}					
	07:00-08:00 HOUR	57.9 ^{1/}	54.9 ^{***}	54.8 ^{1/}	54.3 ^{***}	<0.8 ^{1/}
	08:00-09:00 HOUR	58.2 ^{1/}	54.8 ^{***}	55.6 ^{1/}	53.9 ^{***}	1.7
	09:00-10:00 HOUR	57.1 ^{1/}	54.1 ^{***}	54.1 ^{1/}	52.2 ^{***}	1.9
	10:00-11:00 HOUR	59.7 ^{1/}	55.6 ^{***}	57.6 ^{1/}	54.7 ^{***}	2.9
	11:00-12:00 HOUR	58.7 ^{1/}	55.4 ^{***}	56.0 ^{1/}	54.7 ^{***}	1.3
	12:00-13:00 HOUR	58.7 ^{1/}	51.5 ^{***}	57.8 ^{1/}	50.1 ^{***}	7.7
	13:00-14:00 HOUR	59.8 ^{1/}	56.6 ^{***}	57.0 ^{1/}	56.1 ^{***}	0.9
	14:00-15:00 HOUR	60.6 ^{1/}	56.4 ^{***}	58.5 ^{1/}	55.7 ^{***}	2.8
	15:00-16:00 HOUR	59.8 ^{1/}	55.8 ^{***}	57.6 ^{1/}	53.6 ^{***}	4.0
	16:00-17:00 HOUR	59.2 ^{1/}	54.3 ^{***}	57.5 ^{1/}	53.8 ^{***}	3.7
	17:00-18:00 HOUR	62.2 ^{1/}	58.8 ^{***}	59.5 ^{1/}	58.1 ^{***}	1.4
	18:00-19:00 HOUR	55.0 ^{1/}	50.3 ^{***}	53.2 ^{1/}	49.2 ^{***}	4.0
	19:00-20:00 HOUR	59.1 ^{1/}	55.5 ^{***}	56.6 ^{1/}	55.0 ^{***}	1.6
	20:00-21:00 HOUR	59.7 ^{1/}	55.9 ^{***}	57.4 ^{1/}	55.0 ^{***}	2.4
	21:00-22:00 HOUR	59.0 ^{1/}	55.6 ^{***}	56.3 ^{1/}	54.8 ^{***}	1.5
	NIGHT TIME ^{2/}					
	22:00-22:05 HOUR	58.3 ^{2/}	54.7 ^{***}	58.8 ^{2/}	54.1 ^{***}	4.7
	22:05-22:10 HOUR	59.0 ^{2/}	54.7 ^{***}	60.0 ^{2/}	54.1 ^{***}	5.9
	22:10-22:15 HOUR	59.4 ^{2/}	54.7 ^{***}	60.6 ^{2/}	54.1 ^{***}	6.5
	22:15-22:20 HOUR	59.0 ^{2/}	55.8 ^{***}	59.1 ^{2/}	55.1 ^{***}	4.0
	22:20-22:25 HOUR	58.4 ^{2/}	55.8 ^{***}	58.1 ^{2/}	55.1 ^{***}	3.0
	22:25-22:30 HOUR	58.0 ^{2/}	55.8 ^{***}	57.1 ^{2/}	55.1 ^{***}	2.0

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2024-U082504

DATE	TIME*	RESULT (dB(A)) N1 : มาตรฐานพื้นที่โครงการ				
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 30, 2024 T24AUJ42-0012	NIGHT TIME 2/					
	22:30-22:35 HOUR	59.8 ^{2/}	55.8 ^{2/}	60.6 ^{2/}	54.9 ^{2/}	5.7
	22:35-22:40 HOUR	59.9 ^{2/}	55.8 ^{2/}	60.7 ^{2/}	54.9 ^{2/}	5.8
	22:40-22:45 HOUR	59.4 ^{2/}	55.8 ^{2/}	59.4 ^{2/}	54.9 ^{2/}	5.1
	22:45-22:50 HOUR	58.9 ^{2/}	55.8 ^{2/}	59.0 ^{2/}	55.1 ^{2/}	3.9
	22:50-22:55 HOUR	59.1 ^{2/}	55.8 ^{2/}	59.4 ^{2/}	55.1 ^{2/}	4.3
	22:55-23:00 HOUR	59.2 ^{2/}	55.8 ^{2/}	59.6 ^{2/}	55.1 ^{2/}	4.5
	23:00-23:05 HOUR	59.0 ^{2/}	56.3 ^{2/}	58.7 ^{2/}	55.7 ^{2/}	3.0
	23:05-23:10 HOUR	59.4 ^{2/}	56.3 ^{2/}	59.5 ^{2/}	55.7 ^{2/}	3.8
	23:10-23:15 HOUR	60.0 ^{2/}	56.3 ^{2/}	60.6 ^{2/}	55.7 ^{2/}	4.9
	23:15-23:20 HOUR	60.1 ^{2/}	56.5 ^{2/}	60.5 ^{2/}	55.9 ^{2/}	4.6
	23:20-23:25 HOUR	60.6 ^{2/}	56.5 ^{2/}	61.5 ^{2/}	55.9 ^{2/}	5.6
	23:25-23:30 HOUR	60.0 ^{2/}	56.5 ^{2/}	60.4 ^{2/}	55.9 ^{2/}	4.5
	23:30-23:35 HOUR	59.9 ^{2/}	55.8 ^{2/}	60.7 ^{2/}	55.2 ^{2/}	5.5
	23:35-23:40 HOUR	60.1 ^{2/}	55.8 ^{2/}	61.1 ^{2/}	55.2 ^{2/}	5.9
	23:40-23:45 HOUR	60.4 ^{2/}	55.8 ^{2/}	61.5 ^{2/}	55.2 ^{2/}	6.3
	23:45-23:50 HOUR	59.9 ^{2/}	56.2 ^{2/}	60.5 ^{2/}	55.5 ^{2/}	5.0
	23:50-23:55 HOUR	60.6 ^{2/}	56.2 ^{2/}	61.6 ^{2/}	55.5 ^{2/}	6.1
	23:55-00:00 HOUR	57.2 ^{2/}	56.2 ^{2/}	55.5 ^{2/}	55.5 ^{2/}	<0.8 ^{2/}
AUGUST 31, 2024 T24AUJ42-0012	NIGHT TIME 2/					
	00:00-00:05 HOUR	52.4 ^{2/}	47.6 ^{2/}	53.6 ^{2/}	47.3 ^{2/}	6.3
	00:05-00:10 HOUR	50.7 ^{2/}	47.6 ^{2/}	50.9 ^{2/}	47.3 ^{2/}	3.6
	00:10-00:15 HOUR	51.4 ^{2/}	47.6 ^{2/}	52.1 ^{2/}	47.3 ^{2/}	4.8
	00:15-00:20 HOUR	50.9 ^{2/}	47.8 ^{2/}	51.1 ^{2/}	47.4 ^{2/}	3.7
	00:20-00:25 HOUR	51.6 ^{2/}	47.8 ^{2/}	52.4 ^{2/}	47.4 ^{2/}	5.0
	00:25-00:30 HOUR	51.3 ^{2/}	47.8 ^{2/}	51.7 ^{2/}	47.4 ^{2/}	4.3
	00:30-00:35 HOUR	52.4 ^{2/}	48.4 ^{2/}	53.2 ^{2/}	47.7 ^{2/}	5.5
	00:35-00:40 HOUR	51.3 ^{2/}	48.4 ^{2/}	51.3 ^{2/}	47.7 ^{2/}	3.6
	00:40-00:45 HOUR	51.1 ^{2/}	48.4 ^{2/}	50.7 ^{2/}	47.7 ^{2/}	3.0
	00:45-00:50 HOUR	51.5 ^{2/}	48.6 ^{2/}	51.4 ^{2/}	48.2 ^{2/}	3.2
	00:50-00:55 HOUR	51.6 ^{2/}	48.6 ^{2/}	51.6 ^{2/}	48.2 ^{2/}	3.4
	00:55-01:00 HOUR	53.1 ^{2/}	48.6 ^{2/}	54.3 ^{2/}	48.2 ^{2/}	6.1
	01:00-01:05 HOUR	58.5 ^{2/}	55.6 ^{2/}	58.3 ^{2/}	55.1 ^{2/}	3.2
	01:05-01:10 HOUR	60.3 ^{2/}	55.6 ^{2/}	61.5 ^{2/}	55.1 ^{2/}	6.4
	01:10-01:15 HOUR	59.7 ^{2/}	55.6 ^{2/}	60.6 ^{2/}	55.1 ^{2/}	5.5
	01:15-01:20 HOUR	59.8 ^{2/}	54.6 ^{2/}	61.3 ^{2/}	52.9 ^{2/}	8.4
	01:20-01:25 HOUR	58.9 ^{2/}	54.6 ^{2/}	59.9 ^{2/}	52.9 ^{2/}	7.0
	01:25-01:30 HOUR	57.8 ^{2/}	54.6 ^{2/}	58.0 ^{2/}	52.9 ^{2/}	5.1
	01:30-01:35 HOUR	59.0 ^{2/}	55.9 ^{2/}	59.0 ^{2/}	54.9 ^{2/}	4.1
	01:35-01:40 HOUR	59.0 ^{2/}	55.9 ^{2/}	59.0 ^{2/}	54.9 ^{2/}	4.1
	01:40-01:45 HOUR	58.8 ^{2/}	55.9 ^{2/}	58.7 ^{2/}	54.9 ^{2/}	3.8
	01:45-01:50 HOUR	59.3 ^{2/}	54.6 ^{2/}	60.5 ^{2/}	53.9 ^{2/}	6.6
	01:50-01:55 HOUR	59.2 ^{2/}	54.6 ^{2/}	60.3 ^{2/}	53.9 ^{2/}	6.4
	01:55-02:00 HOUR	57.7 ^{2/}	54.6 ^{2/}	57.8 ^{2/}	53.9 ^{2/}	3.9
	02:00-02:05 HOUR	58.1 ^{2/}	54.1 ^{2/}	58.9 ^{2/}	53.5 ^{2/}	5.4
	02:05-02:10 HOUR	58.1 ^{2/}	54.1 ^{2/}	58.9 ^{2/}	53.5 ^{2/}	5.4
	02:10-02:15 HOUR	58.1 ^{2/}	54.1 ^{2/}	58.9 ^{2/}	53.5 ^{2/}	5.4
	02:15-02:20 HOUR	58.1 ^{2/}	54.1 ^{2/}	58.9 ^{2/}	53.5 ^{2/}	5.4

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DATE	TIME*	RESULT (dB(A)) N1 : มาตรฐานพื้นที่โครงการ				
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 31, 2024 T24AUJ42-0012	NIGHT TIME 2/					
	02:05-02:10 HOUR	59.1 ^{2/}	54.1 ^{2/}	60.4 ^{2/}	53.5 ^{2/}	6.9
	02:10-02:15 HOUR	57.1 ^{2/}	54.1 ^{2/}	57.1 ^{2/}	53.5 ^{2/}	3.6
	02:15-02:20 HOUR	58.9 ^{2/}	54.9 ^{2/}	59.8 ^{2/}	54.2 ^{2/}	5.6
	02:20-02:25 HOUR	57.8 ^{2/}	54.9 ^{2/}	57.8 ^{2/}	54.2 ^{2/}	3.6
	02:25-02:30 HOUR	58.2 ^{2/}	54.9 ^{2/}	58.4 ^{2/}	54.2 ^{2/}	4.2
	02:30-02:35 HOUR	59.7 ^{2/}	55.0 ^{2/}	59.7 ^{2/}	54.4 ^{2/}	5.3
	02:35-02:40 HOUR	58.4 ^{2/}	55.0 ^{2/}	58.8 ^{2/}	54.4 ^{2/}	4.4
	02:40-02:45 HOUR	58.2 ^{2/}	55.0 ^{2/}	58.4 ^{2/}	54.4 ^{2/}	4.0
	02:45-02:50 HOUR	59.2 ^{2/}	55.4 ^{2/}	57.5 ^{2/}	54.7 ^{2/}	2.8
	02:50-02:55 HOUR	59.2 ^{2/}	55.4 ^{2/}	59.8 ^{2/}	54.7 ^{2/}	5.1
	02:55-03:00 HOUR	59.1 ^{2/}	55.4 ^{2/}	59.6 ^{2/}	54.7 ^{2/}	4.9
	03:00-03:05 HOUR	58.7 ^{2/}	54.7 ^{2/}	59.5 ^{2/}	54.0 ^{2/}	5.5
	03:05-03:10 HOUR	59.0 ^{2/}	54.7 ^{2/}	60.0 ^{2/}	54.0 ^{2/}	6.0
	03:10-03:15 HOUR	58.4 ^{2/}	54.7 ^{2/}	59.0 ^{2/}	54.0 ^{2/}	5.0
	03:15-03:20 HOUR	58.2 ^{2/}	55.1 ^{2/}	58.8 ^{2/}	54.4 ^{2/}	4.4
	03:20-03:25 HOUR	58.2 ^{2/}	55.1 ^{2/}	58.4 ^{2/}	54.4 ^{2/}	4.0
	03:25-03:30 HOUR	57.6 ^{2/}	55.1 ^{2/}	58.3 ^{2/}	54.4 ^{2/}	3.9
	03:30-03:35 HOUR	57.9 ^{2/}	54.6 ^{2/}	57.6 ^{2/}	54.0 ^{2/}	3.6
	03:35-03:40 HOUR	59.0 ^{2/}	54.6 ^{2/}	58.2 ^{2/}	54.0 ^{2/}	4.2
	03:40-03:45 HOUR	59.0 ^{2/}	54.6 ^{2/}	60.0 ^{2/}	54.0 ^{2/}	6.0
	03:45-03:50 HOUR	58.2 ^{2/}	54.7 ^{2/}	59.0 ^{2/}	53.9 ^{2/}	5.1
	03:50-03:55 HOUR	58.2 ^{2/}	54.7 ^{2/}	58.6 ^{2/}	53.9 ^{2/}	4.7
	03:55-04:00 HOUR	58.3 ^{2/}	54.7 ^{2/}	58.8 ^{2/}	53.9 ^{2/}	4.9
	04:00-04:05 HOUR	58.5 ^{2/}	56.0 ^{2/}	57.8 ^{2/}	55.3 ^{2/}	2.5
	04:05-04:10 HOUR	59.0 ^{2/}	56.0 ^{2/}	59.0 ^{2/}	55.3 ^{2/}	3.7
	04:10-04:15 HOUR	58.7 ^{2/}	56.0 ^{2/}	58.3 ^{2/}	55.3 ^{2/}	3.0
	04:15-04:20 HOUR	59.4 ^{2/}	54.8 ^{2/}	60.5 ^{2/}	54.2 ^{2/}	6.3
	04:20-04:25 HOUR	58.3 ^{2/}	54.8 ^{2/}	58.7 ^{2/}	54.2 ^{2/}	4.5
	04:25-04:30 HOUR	58.7 ^{2/}	54.8 ^{2/}	59.4 ^{2/}	54.2 ^{2/}	5.2
	04:30-04:35 HOUR	57.6 ^{2/}	54.8 ^{2/}	57.4 ^{2/}	54.4 ^{2/}	3.0
	04:35-04:40 HOUR	59.3 ^{2/}	54.8 ^{2/}	60.4 ^{2/}	54.4 ^{2/}	6.0
	04:40-04:45 HOUR	58.6 ^{2/}	54.8 ^{2/}	59.2 ^{2/}	54.4 ^{2/}	4.8
	04:45-04:50 HOUR	58.0 ^{2/}	55.8 ^{2/}	57.0 ^{2/}	55.1 ^{2/}	1.9
	04:50-04:55 HOUR	59.9 ^{2/}	55.8 ^{2/}	60.8 ^{2/}	55.1 ^{2/}	5.7
	04:55-05:00 HOUR	59.5 ^{2/}	55.8 ^{2/}	60.1 ^{2/}	55.1 ^{2/}	5.0
	05:00-05:05 HOUR	58.9 ^{2/}	55.2 ^{2/}	59.4 ^{2/}	54.4 ^{2/}	5.0
	05:05-05:10 HOUR	59.0 ^{2/}	55.2 ^{2/}	59.7 ^{2/}	54.4 ^{2/}	5.3
	05:10-05:15 HOUR	60.0 ^{2/}	55.2 ^{2/}	61.2 ^{2/}	54.4 ^{2/}	6.8
	05:15-05:20 HOUR	58.8 ^{2/}	55.3 ^{2/}	59.2 ^{2/}	54.5 ^{2/}	4.7
	05:20-05:25 HOUR	59.0 ^{2/}	55.3 ^{2/}	59.6 ^{2/}	54.5 ^{2/}	5.1
	05:25-05:30 HOUR	59.6 ^{2/}	55.3 ^{2/}	60.7 ^{2/}	54.5 ^{2/}	6.2
	05:30-05:35 HOUR	59.3 ^{2/}	55.8 ^{2/}	59.8 ^{2/}	54.9 ^{2/}	4.9
	05:35-05:40 HOUR	59.6 ^{2/}	55.8 ^{2/}	60.3 ^{2/}	54.9 ^{2/}	5.4
	05:40-05:45 HOUR	59.8 ^{2/}	55.8 ^{2/}	60.6 ^{2/}	54.9 ^{2/}	5.7
	05:45-05:50 HOUR	59.8 ^{2/}	55.8 ^{2/}	60.6 ^{2/}	54.9 ^{2/}	5.7
	05:50-05:55 HOUR	59.8 ^{2/}	55.8 ^{2/}	60.6 ^{2/}	54.9 ^{2/}	5.7
	05:55-06:00 HOUR	59.8 ^{2/}	55.8 ^{2/}	60.6 ^{2/}	54.9 ^{2/}	5.7
	06:00-06:05 HOUR	59.8 ^{2/}	55.8 ^{2/}	60.6 ^{2/}	54.9 ^{2/}	5.7

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DATE	TIME*	RESULT (dB(A))			
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 31, 2024 T24AUJ42-0001	NIGHT TIME 2/	59.4 2/	54.9 **	60.4 2/	6.1
	05:45-05:50 HOUR	58.4 2/	54.9 **	58.8 2/	4.5
	05:55-06:00 HOUR	58.9 2/	54.9 **	59.7 2/	5.4
	DAY TIME 3/	53.7 2/	48.9 **	51.9 2/	3.4
06:00-07:00 HOUR					

REMARK : 1/ CASE 1 CALCULATION (DURING 06:00 TO 22:00 HOUR) : SPECIFIC SOUND LEVEL CONTINUOUSLY OCCUR AT LEAST 1 HOUR,

MEASURING AS L_{eq} 1 hour

2/ CASE 4 CALCULATION (DURING 22:00 TO 06:00 HOUR) : SPECIFIC SOUND LEVEL OCCUR IN RESTFUL AREA OR NIGHT TIME,

MEASURING AS L_{eq} 5 minutes

3/ THERE IS NO IMPACT CAUSE ANNOYANCE SOUND LEVEL

** PERCENTILE LEVEL 90 (L₉₀) IS THE MIDDLE VALUE OF 11 TIMES MEASURING.

(55 MINUTES MEASURING DURING 06:00 TO 22:00 HOUR)

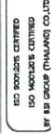
AND RESIDUAL SOUND LEVEL (L_{eq} 5 minutes) IS CHOSEN AT THE SAME TIME AS PERCENTILE LEVEL 90 ABOVE.

*** PERCENTILE LEVEL 90 (L₉₀) IS THE MIDDLE VALUE OF 3 TIMES MEASURING.

(15 MINUTES MEASURING DURING 22:00 TO 06:00 HOUR)

AND RESIDUAL SOUND LEVEL (L_{eq} 5 minutes) IS CHOSEN AT THE SAME TIME AS PERCENTILE LEVEL 90 ABOVE.

.....
(MR. SILA BAOONGJARUK)
LABORATORY SUPERVISOR



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2024-U082504

- End of Analysis Report -



United Analyst and Engineering Consultant Co., Ltd.

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Tel: 0 2763 2828 Fax: 0 2763 2850 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

ANALYSIS REPORT

PROJECT NAME : โครงการสร้างอาคารจอดรถยนต์ 51/43 อาคารจอดรถยนต์ จังหวัดนนทบุรี

CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED

ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHORN BANGKOK 10120

CONTACT INFORMATION : TEL : 08 9698 4651 E-mail : jua@apicoc.com

MEASURING PLACE : N2 : บริเวณห้องรับแขก อาคารจอดรถยนต์

MEASURING TYPE : AMBIENT (ANNOYANCE NOISE)

MEASURING DATE : AUGUST 28-31, 2024

MEASURING TIME : *

MEASURING EQUIPMENT : INTEGRATED SOUND LEVEL METER AND CALCULATION

MEASURED BY : MR. JUMPON SUANPET

RECEIVED DATE : AUGUST 28-31, 2024

ANALYTICAL DATE : AUGUST 28-31, 2024

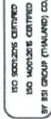
ISSUE DATE : SEPTEMBER 6, 2024

REPORT NO. : 2024-U082501

WORK NO. : 2023-007683

ANALYSIS NO. : T24AUJ42-0001 - T24AUJ42-0003

DATE	TIME*	RESULT (dB(A))			
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 28, 2024 T24AUJ42-0001	DAY TIME 1/				
	07:00-08:00 HOUR	45.3 2/	45.1 **	31.5 2/	43.7 **
	08:00-09:00 HOUR	44.6 2/	44.5 **	27.8 2/	42.4 **
	09:00-10:00 HOUR	45.4 2/	44.1 **	39.5 2/	42.6 **
	10:00-11:00 HOUR	44.2 2/	43.6 **	35.5 2/	42.3 **
	11:00-12:00 HOUR	43.1 2/	42.0 **	36.5 2/	41.0 **
	12:00-13:00 HOUR	44.6 2/	43.8 **	36.8 2/	39.7 **
	13:00-14:00 HOUR	44.7 2/	44.5 **	31.4 2/	43.0 **
	14:00-15:00 HOUR	47.2 2/	45.4 **	42.4 2/	43.5 **
	15:00-16:00 HOUR	47.1 2/	44.5 **	43.6 2/	43.5 **
	16:00-17:00 HOUR	49.5 2/	48.7 **	41.7 2/	47.3 **
	17:00-18:00 HOUR	49.4 2/	45.0 **	47.4 2/	43.6 **
	18:00-19:00 HOUR	48.5 2/	47.4 **	41.9 2/	45.8 **
	19:00-20:00 HOUR	52.8 2/	51.3 **	47.4 2/	50.2 **
	20:00-21:00 HOUR	51.1 2/	49.9 **	45.1 2/	48.7 **
	21:00-22:00 HOUR	48.8 2/	48.2 **	38.7 2/	46.0 **
	NIGHT TIME 2/				
	22:00-22:05 HOUR	48.2 2/	49.4 **	<0.8 2/	46.4 **
	22:05-22:10 HOUR	50.1 2/	49.4 **	44.8 2/	46.4 **
	22:10-22:15 HOUR	50.3 2/	49.4 **	46.0 2/	46.4 **
	22:15-22:20 HOUR	50.3 2/	50.2 **	36.8 2/	47.0 **
	22:20-22:25 HOUR	50.3 2/	50.2 **	39.2 2/	47.0 **
	22:25-22:30 HOUR	50.4 2/	50.2 **	39.6 2/	47.0 **
	22:30-22:35 HOUR	49.2 2/	49.1 **	35.8 2/	46.1 **
	22:35-22:40 HOUR	48.3 2/	49.1 **	38.1 2/	46.1 **
	22:40-22:45 HOUR	49.1 2/	49.1 **	39.8 2/	46.1 **
	22:45-22:50 HOUR	49.5 2/	48.6 **	45.2 2/	45.7 **
	22:50-22:55 HOUR	49.4 2/	48.6 **	44.4 2/	45.7 **
	22:55-23:00 HOUR	48.8 2/	48.6 **	38.0 2/	45.7 **
	23:00-23:05 HOUR	48.5 2/	47.7 **	43.8 2/	44.8 **
	23:05-23:10 HOUR	47.7 2/	47.7 **	29.4 2/	44.8 **
	23:10-23:15 HOUR	48.0 2/	47.2 **	38.5 2/	44.8 **



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DATE	TIME*	RESULT (dB(A))				
		N2 : บ้านพักอาศัย ส่วนบนและล่าง อาคารพาณิชย์				
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 28, 2024 T24AU142-0001	NIGHT TIME ^{2/}					
	23:15-23:20 HOUR	47.9 ^{2/}	47.8 ^{2/}	22.1 ^{2/}	44.9 ^{2/}	<0.8 ^{2/}
	23:20-23:25 HOUR	48.7 ^{2/}	47.8 ^{2/}	44.5 ^{2/}	44.9 ^{2/}	<0.8 ^{2/}
	23:25-23:30 HOUR	48.7 ^{2/}	47.8 ^{2/}	44.7 ^{2/}	44.9 ^{2/}	<0.8 ^{2/}
	23:30-23:35 HOUR	48.7 ^{2/}	48.2 ^{2/}	42.4 ^{2/}	45.6 ^{2/}	<0.8 ^{2/}
	23:35-23:40 HOUR	48.1 ^{2/}	48.2 ^{2/}	<0.8 ^{2/}	45.6 ^{2/}	<0.8 ^{2/}
	23:40-23:45 HOUR	48.2 ^{2/}	48.2 ^{2/}	42.4 ^{2/}	45.6 ^{2/}	<0.8 ^{2/}
	23:45-23:50 HOUR	48.2 ^{2/}	47.0 ^{2/}	45.0 ^{2/}	42.7 ^{2/}	2.3
	23:50-23:55 HOUR	48.6 ^{2/}	47.0 ^{2/}	46.6 ^{2/}	42.7 ^{2/}	3.9
	23:55-00:00 HOUR	48.4 ^{2/}	47.0 ^{2/}	45.8 ^{2/}	42.7 ^{2/}	3.1
	NIGHT TIME ^{2/}					
	00:00-00:05 HOUR	48.5 ^{2/}	46.5 ^{2/}	47.2 ^{2/}	42.1 ^{2/}	5.1
	00:05-00:10 HOUR	48.5 ^{2/}	46.5 ^{2/}	47.1 ^{2/}	42.1 ^{2/}	5.0
	00:10-00:15 HOUR	47.7 ^{2/}	46.5 ^{2/}	44.5 ^{2/}	42.1 ^{2/}	2.4
AUGUST 28, 2024 T24AU142-0001	00:15-00:20 HOUR	47.4 ^{2/}	46.2 ^{2/}	44.2 ^{2/}	41.6 ^{2/}	2.6
	00:20-00:25 HOUR	47.3 ^{2/}	46.2 ^{2/}	43.7 ^{2/}	41.6 ^{2/}	2.1
	00:25-00:30 HOUR	48.2 ^{2/}	46.2 ^{2/}	46.8 ^{2/}	41.6 ^{2/}	5.2
	00:30-00:35 HOUR	48.4 ^{2/}	44.9 ^{2/}	48.9 ^{2/}	41.9 ^{2/}	7.0
	00:35-00:40 HOUR	47.1 ^{2/}	44.9 ^{2/}	46.2 ^{2/}	41.9 ^{2/}	4.3
	00:40-00:45 HOUR	46.8 ^{2/}	44.9 ^{2/}	45.3 ^{2/}	41.9 ^{2/}	3.4
	00:45-00:50 HOUR	44.7 ^{2/}	46.5 ^{2/}	<0.8 ^{2/}	42.9 ^{2/}	<0.8 ^{2/}
	00:50-00:55 HOUR	48.3 ^{2/}	46.5 ^{2/}	46.7 ^{2/}	42.9 ^{2/}	3.7
	00:55-01:00 HOUR	48.3 ^{2/}	46.5 ^{2/}	46.7 ^{2/}	42.9 ^{2/}	3.8
	01:00-01:05 HOUR	48.5 ^{2/}	46.6 ^{2/}	47.0 ^{2/}	43.8 ^{2/}	3.2
	01:05-01:10 HOUR	47.6 ^{2/}	46.6 ^{2/}	43.7 ^{2/}	43.8 ^{2/}	<0.8 ^{2/}
	01:10-01:15 HOUR	49.5 ^{2/}	46.6 ^{2/}	49.5 ^{2/}	43.8 ^{2/}	5.7
	01:15-01:20 HOUR	49.1 ^{2/}	47.2 ^{2/}	47.6 ^{2/}	44.2 ^{2/}	3.4
	01:20-01:25 HOUR	48.5 ^{2/}	47.2 ^{2/}	45.3 ^{2/}	44.2 ^{2/}	1.1
AUGUST 28, 2024 T24AU142-0002	01:25-01:30 HOUR	47.6 ^{2/}	47.2 ^{2/}	40.0 ^{2/}	44.2 ^{2/}	<0.8 ^{2/}
	01:30-01:35 HOUR	46.8 ^{2/}	45.6 ^{2/}	43.5 ^{2/}	43.1 ^{2/}	<0.8 ^{2/}
	01:35-01:40 HOUR	46.8 ^{2/}	45.6 ^{2/}	43.6 ^{2/}	43.1 ^{2/}	<0.8 ^{2/}
	01:40-01:45 HOUR	46.1 ^{2/}	45.6 ^{2/}	39.5 ^{2/}	43.1 ^{2/}	<0.8 ^{2/}
	01:45-01:50 HOUR	45.1 ^{2/}	44.1 ^{2/}	41.2 ^{2/}	43.6 ^{2/}	<0.8 ^{2/}
	01:50-01:55 HOUR	45.2 ^{2/}	44.1 ^{2/}	40.8 ^{2/}	43.6 ^{2/}	<0.8 ^{2/}
	01:55-02:00 HOUR	45.0 ^{2/}	44.1 ^{2/}	41.1 ^{2/}	43.6 ^{2/}	<0.8 ^{2/}
	02:00-02:05 HOUR	45.1 ^{2/}	44.1 ^{2/}	41.2 ^{2/}	43.6 ^{2/}	<0.8 ^{2/}
	02:05-02:10 HOUR	45.1 ^{2/}	44.1 ^{2/}	41.5 ^{2/}	43.6 ^{2/}	<0.8 ^{2/}
	02:10-02:15 HOUR	44.9 ^{2/}	44.0 ^{2/}	40.6 ^{2/}	43.4 ^{2/}	<0.8 ^{2/}
	02:15-02:20 HOUR	45.0 ^{2/}	44.0 ^{2/}	41.2 ^{2/}	43.4 ^{2/}	<0.8 ^{2/}
	02:20-02:25 HOUR	45.0 ^{2/}	44.0 ^{2/}	41.4 ^{2/}	43.4 ^{2/}	<0.8 ^{2/}
	02:25-02:30 HOUR	45.1 ^{2/}	44.0 ^{2/}	41.3 ^{2/}	43.4 ^{2/}	<0.8 ^{2/}
	02:30-02:35 HOUR	45.1 ^{2/}	44.0 ^{2/}	41.6 ^{2/}	43.4 ^{2/}	<0.8 ^{2/}
	02:35-02:40 HOUR	46.0 ^{2/}	44.0 ^{2/}	44.8 ^{2/}	43.4 ^{2/}	1.4
AUGUST 28, 2024 T24AU142-0002	02:40-02:45 HOUR	45.4 ^{2/}	43.5 ^{2/}	43.9 ^{2/}	43.0 ^{2/}	0.9
	02:45-02:50 HOUR	45.4 ^{2/}	43.5 ^{2/}	43.9 ^{2/}	43.0 ^{2/}	0.9

DATE	TIME*	RESULT (dB(A))				
		N2 : บ้านพักอาศัย ส่วนบนและล่าง อาคารพาณิชย์				
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 28, 2024 T24AU142-0001	NIGHT TIME ^{2/}					
	02:50-02:55 HOUR	44.8 ^{2/}	43.5 ^{2/}	42.0 ^{2/}	43.0 ^{2/}	<0.8 ^{2/}
	02:55-03:00 HOUR	45.1 ^{2/}	43.5 ^{2/}	43.0 ^{2/}	43.0 ^{2/}	<0.8 ^{2/}
	03:00-03:05 HOUR	45.3 ^{2/}	49.6 ^{2/}	<0.8 ^{2/}	43.5 ^{2/}	<0.8 ^{2/}
	03:05-03:10 HOUR	50.9 ^{2/}	49.6 ^{2/}	48.0 ^{2/}	43.5 ^{2/}	4.5
	03:10-03:15 HOUR	44.9 ^{2/}	49.6 ^{2/}	<0.8 ^{2/}	43.5 ^{2/}	<0.8 ^{2/}
	03:15-03:20 HOUR	45.2 ^{2/}	44.3 ^{2/}	40.9 ^{2/}	43.4 ^{2/}	<0.8 ^{2/}
	03:20-03:25 HOUR	44.9 ^{2/}	44.3 ^{2/}	39.4 ^{2/}	43.4 ^{2/}	<0.8 ^{2/}
	03:25-03:30 HOUR	45.4 ^{2/}	44.3 ^{2/}	41.9 ^{2/}	43.4 ^{2/}	<0.8 ^{2/}
	03:30-03:35 HOUR	44.8 ^{2/}	43.8 ^{2/}	40.8 ^{2/}	42.9 ^{2/}	<0.8 ^{2/}
	03:35-03:40 HOUR	45.2 ^{2/}	43.8 ^{2/}	42.3 ^{2/}	42.9 ^{2/}	<0.8 ^{2/}
	03:40-03:45 HOUR	45.1 ^{2/}	43.8 ^{2/}	42.3 ^{2/}	42.9 ^{2/}	<0.8 ^{2/}
	03:45-03:50 HOUR	44.5 ^{2/}	42.9 ^{2/}	42.4 ^{2/}	42.2 ^{2/}	<0.8 ^{2/}
	03:50-03:55 HOUR	44.4 ^{2/}	42.9 ^{2/}	42.1 ^{2/}	42.2 ^{2/}	<0.8 ^{2/}
AUGUST 28, 2024 T24AU142-0002	03:55-04:00 HOUR	43.8 ^{2/}	42.9 ^{2/}	39.7 ^{2/}	42.2 ^{2/}	<0.8 ^{2/}
	04:00-04:05 HOUR	44.0 ^{2/}	43.9 ^{2/}	30.6 ^{2/}	43.2 ^{2/}	<0.8 ^{2/}
	04:05-04:10 HOUR	44.3 ^{2/}	43.9 ^{2/}	36.2 ^{2/}	43.2 ^{2/}	<0.8 ^{2/}
	04:10-04:15 HOUR	44.0 ^{2/}	43.9 ^{2/}	29.9 ^{2/}	43.2 ^{2/}	<0.8 ^{2/}
	04:15-04:20 HOUR	44.4 ^{2/}	44.2 ^{2/}	34.2 ^{2/}	42.9 ^{2/}	<0.8 ^{2/}
	04:20-04:25 HOUR	44.7 ^{2/}	44.2 ^{2/}	37.8 ^{2/}	42.9 ^{2/}	<0.8 ^{2/}
	04:25-04:30 HOUR	44.3 ^{2/}	44.2 ^{2/}	30.9 ^{2/}	42.9 ^{2/}	<0.8 ^{2/}
	04:30-04:35 HOUR	44.4 ^{2/}	44.4 ^{2/}	17.9 ^{2/}	43.6 ^{2/}	<0.8 ^{2/}
	04:35-04:40 HOUR	44.6 ^{2/}	44.4 ^{2/}	34.1 ^{2/}	43.6 ^{2/}	<0.8 ^{2/}
	04:40-04:45 HOUR	44.8 ^{2/}	44.4 ^{2/}	36.6 ^{2/}	43.6 ^{2/}	<0.8 ^{2/}
	04:45-04:50 HOUR	47.3 ^{2/}	48.1 ^{2/}	<0.8 ^{2/}	44.9 ^{2/}	<0.8 ^{2/}
	04:50-04:55 HOUR	48.4 ^{2/}	48.1 ^{2/}	39.6 ^{2/}	44.9 ^{2/}	<0.8 ^{2/}
	04:55-05:00 HOUR	48.6 ^{2/}	48.1 ^{2/}	42.3 ^{2/}	44.9 ^{2/}	<0.8 ^{2/}
	05:00-05:05 HOUR	50.6 ^{2/}	46.8 ^{2/}	51.3 ^{2/}	44.0 ^{2/}	7.3
AUGUST 28, 2024 T24AU142-0002	05:05-05:10 HOUR	46.0 ^{2/}	46.8 ^{2/}	<0.8 ^{2/}	44.0 ^{2/}	<0.8 ^{2/}
	05:10-05:15 HOUR	47.1 ^{2/}	46.8 ^{2/}	38.3 ^{2/}	44.0 ^{2/}	<0.8 ^{2/}
	05:15-05:20 HOUR	46.3 ^{2/}	47.8 ^{2/}	<0.8 ^{2/}	44.5 ^{2/}	<0.8 ^{2/}
	05:20-05:25 HOUR	47.9 ^{2/}	47.8 ^{2/}	34.5 ^{2/}	44.5 ^{2/}	<0.8 ^{2/}
	05:25-05:30 HOUR	50.0 ^{2/}	47.8 ^{2/}	48.9 ^{2/}	44.5 ^{2/}	4.4
	05:30-05:35 HOUR	49.4 ^{2/}	46.0 ^{2/}	49.8 ^{2/}	43.8 ^{2/}	6.0
	05:35-05:40 HOUR	46.2 ^{2/}	46.0 ^{2/}	35.7 ^{2/}	43.8 ^{2/}	<0.8 ^{2/}
	05:40-05:45 HOUR	43.2 ^{2/}	46.0 ^{2/}	<0.8 ^{2/}	43.8 ^{2/}	<0.8 ^{2/}
	05:45-05:50 HOUR	43.5 ^{2/}	41.6 ^{2/}	42.0 ^{2/}	39.6 ^{2/}	2.4
	05:50-05:55 HOUR	42.1 ^{2/}	41.6 ^{2/}	35.4 ^{2/}	39.6 ^{2/}	<0.8 ^{2/}
	05:55-06:00 HOUR	42.2 ^{2/}	41.6 ^{2/}	36.3 ^{2/}	39.6 ^{2/}	<0.8 ^{2/}
	DAY TIME ^{1/}					
	06:00-07:00 HOUR	43.6 ^{2/}	42.3 ^{2/}	37.7 ^{2/}	40.3 ^{2/}	<0.8 ^{2/}
	DAY TIME ^{1/}					
	07:00-08:00 HOUR	47.0 ^{2/}	46.9 ^{2/}	28.8 ^{2/}	44.4 ^{2/}	<0.8 ^{2/}
	08:00-09:00 HOUR	44.1 ^{2/}	42.5 ^{2/}	38.9 ^{2/}	40.5 ^{2/}	<0.8 ^{2/}
	09:00-10:00 HOUR	45.5 ^{2/}	43.2 ^{2/}	41.6 ^{2/}	40.7 ^{2/}	0.9
	10:00-11:00 HOUR	46.4 ^{2/}	46.1 ^{2/}	33.9 ^{2/}	41.5 ^{2/}	<0.8 ^{2/}



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

DATE	TIME*	RESULT (dB(A))				
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 30, 2024 T24AUI42-0002	DAY TIME ^{1/}					
	11:00-12:00 HOUR	55.6 ^{1/}	57.8 ^{1/}	<0.8 ^{1/}	43.7 ^{1/}	<0.8 ^{1/}
	12:00-13:00 HOUR	44.5 ^{1/}	42.4 ^{1/}	40.3 ^{1/}	38.8 ^{1/}	1.5
	13:00-14:00 HOUR	49.7 ^{1/}	44.4 ^{1/}	48.2 ^{1/}	42.1 ^{1/}	6.1
	14:00-15:00 HOUR	45.0 ^{1/}	44.1 ^{1/}	37.6 ^{1/}	43.1 ^{1/}	<0.8 ^{1/}
	15:00-16:00 HOUR	45.4 ^{1/}	44.3 ^{1/}	38.9 ^{1/}	43.5 ^{1/}	<0.8 ^{1/}
	16:00-17:00 HOUR	48.9 ^{1/}	45.5 ^{1/}	46.3 ^{1/}	43.9 ^{1/}	2.4
	17:00-18:00 HOUR	49.5 ^{1/}	45.2 ^{1/}	47.5 ^{1/}	44.1 ^{1/}	3.4
	18:00-19:00 HOUR	47.0 ^{1/}	44.5 ^{1/}	44.5 ^{1/}	41.9 ^{1/}	2.6
	19:00-20:00 HOUR	51.6 ^{1/}	49.2 ^{1/}	47.9 ^{1/}	48.0 ^{1/}	<0.8 ^{1/}
	20:00-21:00 HOUR	48.7 ^{1/}	48.3 ^{1/}	44.0 ^{1/}	47.5 ^{1/}	<0.8 ^{1/}
	21:00-22:00 HOUR	50.3 ^{1/}	48.9 ^{1/}	39.7 ^{1/}	48.3 ^{1/}	<0.8 ^{1/}
	NIGHT TIME ^{2/}					
	22:00-22:05 HOUR	51.5 ^{2/}	48.1 ^{2/}	51.9 ^{2/}	46.6 ^{2/}	5.3
	22:05-22:10 HOUR	48.6 ^{2/}	48.1 ^{2/}	46.6 ^{2/}	46.6 ^{2/}	<0.8 ^{2/}
	22:10-22:15 HOUR	48.2 ^{2/}	48.1 ^{2/}	34.8 ^{2/}	46.6 ^{2/}	<0.8 ^{2/}
	22:15-22:20 HOUR	48.7 ^{2/}	44.5 ^{2/}	45.9 ^{2/}	45.9 ^{2/}	<0.8 ^{2/}
	22:20-22:25 HOUR	48.1 ^{2/}	47.8 ^{2/}	46.2 ^{2/}	45.9 ^{2/}	<0.8 ^{2/}
	22:25-22:30 HOUR	48.5 ^{2/}	47.8 ^{2/}	43.2 ^{2/}	45.9 ^{2/}	<0.8 ^{2/}
	22:30-22:35 HOUR	47.3 ^{2/}	47.3 ^{2/}	47.8 ^{2/}	42.5 ^{2/}	4.8
	22:35-22:40 HOUR	46.8 ^{2/}	45.2 ^{2/}	44.8 ^{2/}	42.5 ^{2/}	2.3
	22:40-22:45 HOUR	46.2 ^{2/}	45.2 ^{2/}	42.3 ^{2/}	42.5 ^{2/}	<0.8 ^{2/}
	22:45-22:50 HOUR	45.5 ^{2/}	45.5 ^{2/}	47.2 ^{2/}	43.0 ^{2/}	2.2
	22:50-22:55 HOUR	47.2 ^{2/}	45.5 ^{2/}	45.3 ^{2/}	43.0 ^{2/}	2.3
	22:55-23:00 HOUR	45.7 ^{2/}	45.5 ^{2/}	35.7 ^{2/}	43.0 ^{2/}	<0.8 ^{2/}
AUGUST 30, 2024 T24AUI42-0002	23:00-23:05 HOUR	45.6 ^{2/}	46.4 ^{2/}	<0.8 ^{2/}	43.0 ^{2/}	<0.8 ^{2/}
	23:05-23:10 HOUR	48.1 ^{2/}	46.2 ^{2/}	46.2 ^{2/}	43.0 ^{2/}	3.2
	23:10-23:15 HOUR	49.5 ^{2/}	46.4 ^{2/}	49.6 ^{2/}	43.0 ^{2/}	6.6
	23:15-23:20 HOUR	48.9 ^{2/}	47.5 ^{2/}	46.4 ^{2/}	45.1 ^{2/}	1.3
	23:20-23:25 HOUR	48.6 ^{2/}	47.5 ^{2/}	45.1 ^{2/}	45.1 ^{2/}	<0.8 ^{2/}
	23:25-23:30 HOUR	47.3 ^{2/}	47.5 ^{2/}	<0.8 ^{2/}	45.1 ^{2/}	<0.8 ^{2/}
	23:30-23:35 HOUR	46.4 ^{2/}	44.4 ^{2/}	45.0 ^{2/}	41.5 ^{2/}	3.5
	23:35-23:40 HOUR	44.8 ^{2/}	44.4 ^{2/}	37.6 ^{2/}	41.5 ^{2/}	<0.8 ^{2/}
	23:40-23:45 HOUR	45.6 ^{2/}	44.4 ^{2/}	42.4 ^{2/}	41.5 ^{2/}	0.9
	23:45-23:50 HOUR	44.2 ^{2/}	45.6 ^{2/}	47.0 ^{2/}	43.7 ^{2/}	<0.8 ^{2/}
	23:50-23:55 HOUR	46.9 ^{2/}	44.1 ^{2/}	44.1 ^{2/}	43.7 ^{2/}	<0.8 ^{2/}
	23:55-00:00 HOUR	47.5 ^{2/}	45.6 ^{2/}	46.1 ^{2/}	43.7 ^{2/}	2.4
	NIGHT TIME ^{2/}					
	00:00-00:05 HOUR	46.4 ^{2/}	43.5 ^{2/}	46.4 ^{2/}	41.3 ^{2/}	5.1
	00:05-00:10 HOUR	44.6 ^{2/}	43.5 ^{2/}	41.1 ^{2/}	41.3 ^{2/}	<0.8 ^{2/}
	00:10-00:15 HOUR	45.0 ^{2/}	43.5 ^{2/}	42.6 ^{2/}	41.3 ^{2/}	1.3
	00:15-00:20 HOUR	42.2 ^{2/}	42.2 ^{2/}	45.2 ^{2/}	40.4 ^{2/}	4.8
	00:20-00:25 HOUR	41.7 ^{2/}	42.2 ^{2/}	<0.8 ^{2/}	40.4 ^{2/}	<0.8 ^{2/}
	00:25-00:30 HOUR	43.3 ^{2/}	42.2 ^{2/}	39.8 ^{2/}	40.4 ^{2/}	<0.8 ^{2/}
	00:30-00:35 HOUR	41.3 ^{2/}	40.5 ^{2/}	41.3 ^{2/}	39.3 ^{2/}	2.0
	00:35-00:40 HOUR	41.5 ^{2/}	40.5 ^{2/}	37.6 ^{2/}	39.3 ^{2/}	<0.8 ^{2/}

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DATE	TIME*	RESULT (dB(A))				
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 30, 2024 T24AUI42-0002	NIGHT TIME ^{2/}					
	00:40-00:45 HOUR	40.8 ^{2/}	40.5 ^{2/}	32.8 ^{2/}	39.3 ^{2/}	<0.8 ^{2/}
	00:45-00:50 HOUR	42.6 ^{2/}	39.7 ^{2/}	42.4 ^{2/}	39.2 ^{2/}	3.2
	00:50-00:55 HOUR	41.0 ^{2/}	39.7 ^{2/}	37.9 ^{2/}	39.2 ^{2/}	<0.8 ^{2/}
	00:55-01:00 HOUR	41.4 ^{2/}	39.7 ^{2/}	39.5 ^{2/}	39.2 ^{2/}	<0.8 ^{2/}
	01:00-01:05 HOUR	42.6 ^{2/}	43.2 ^{2/}	<0.8 ^{2/}	41.7 ^{2/}	<0.8 ^{2/}
	01:05-01:10 HOUR	44.3 ^{2/}	43.2 ^{2/}	40.8 ^{2/}	41.7 ^{2/}	<0.8 ^{2/}
	01:10-01:15 HOUR	45.0 ^{2/}	43.2 ^{2/}	43.2 ^{2/}	41.7 ^{2/}	1.5
	01:15-01:20 HOUR	45.4 ^{2/}	43.8 ^{2/}	43.2 ^{2/}	42.7 ^{2/}	<0.8 ^{2/}
	01:20-01:25 HOUR	44.9 ^{2/}	43.8 ^{2/}	41.4 ^{2/}	42.7 ^{2/}	<0.8 ^{2/}
	01:25-01:30 HOUR	44.9 ^{2/}	43.8 ^{2/}	41.7 ^{2/}	42.7 ^{2/}	<0.8 ^{2/}
	01:30-01:35 HOUR	46.6 ^{2/}	45.5 ^{2/}	43.1 ^{2/}	43.2 ^{2/}	<0.8 ^{2/}
	01:35-01:40 HOUR	46.7 ^{2/}	45.5 ^{2/}	43.5 ^{2/}	43.2 ^{2/}	<0.8 ^{2/}
	01:40-01:45 HOUR	45.5 ^{2/}	45.5 ^{2/}	29.8 ^{2/}	43.2 ^{2/}	<0.8 ^{2/}
	01:45-01:50 HOUR	45.7 ^{2/}	45.2 ^{2/}	39.6 ^{2/}	43.4 ^{2/}	<0.8 ^{2/}
	01:50-01:55 HOUR	46.3 ^{2/}	45.2 ^{2/}	42.8 ^{2/}	43.4 ^{2/}	<0.8 ^{2/}
	01:55-02:00 HOUR	46.6 ^{2/}	45.2 ^{2/}	44.0 ^{2/}	43.4 ^{2/}	<0.8 ^{2/}
	02:00-02:05 HOUR	46.7 ^{2/}	44.8 ^{2/}	45.3 ^{2/}	42.4 ^{2/}	2.9
	02:05-02:10 HOUR	45.6 ^{2/}	44.8 ^{2/}	40.7 ^{2/}	42.4 ^{2/}	<0.8 ^{2/}
	02:10-02:15 HOUR	46.5 ^{2/}	44.8 ^{2/}	44.9 ^{2/}	42.4 ^{2/}	2.5
	02:15-02:20 HOUR	46.5 ^{2/}	45.1 ^{2/}	43.9 ^{2/}	42.6 ^{2/}	1.3
	02:20-02:25 HOUR	46.6 ^{2/}	45.1 ^{2/}	44.3 ^{2/}	42.6 ^{2/}	1.7
	02:25-02:30 HOUR	45.1 ^{2/}	45.1 ^{2/}	<0.8 ^{2/}	42.6 ^{2/}	<0.8 ^{2/}
	02:30-02:35 HOUR	43.6 ^{2/}	39.6 ^{2/}	44.4 ^{2/}	39.1 ^{2/}	5.3
	02:35-02:40 HOUR	41.3 ^{2/}	39.6 ^{2/}	39.6 ^{2/}	39.1 ^{2/}	<0.8 ^{2/}
	02:40-02:45 HOUR	41.2 ^{2/}	39.6 ^{2/}	39.1 ^{2/}	39.1 ^{2/}	<0.8 ^{2/}
	02:45-02:50 HOUR	40.1 ^{2/}	40.1 ^{2/}	37.7 ^{2/}	39.7 ^{2/}	<0.8 ^{2/}
	02:50-02:55 HOUR	41.7 ^{2/}	40.1 ^{2/}	39.4 ^{2/}	39.7 ^{2/}	<0.8 ^{2/}
	02:55-03:00 HOUR	42.8 ^{2/}	40.1 ^{2/}	42.5 ^{2/}	39.7 ^{2/}	2.8
	03:00-03:05 HOUR	43.7 ^{2/}	42.6 ^{2/}	40.3 ^{2/}	41.1 ^{2/}	<0.8 ^{2/}
	03:05-03:10 HOUR	44.5 ^{2/}	42.6 ^{2/}	43.0 ^{2/}	41.1 ^{2/}	1.9
	03:10-03:15 HOUR	46.4 ^{2/}	46.9 ^{2/}	47.1 ^{2/}	41.1 ^{2/}	6.0
	03:15-03:20 HOUR	48.1 ^{2/}	46.9 ^{2/}	44.9 ^{2/}	44.1 ^{2/}	0.8
	03:20-03:25 HOUR	46.7 ^{2/}	46.9 ^{2/}	<0.8 ^{2/}	44.1 ^{2/}	<0.8 ^{2/}
	03:25-03:30 HOUR	47.6 ^{2/}	46.9 ^{2/}	42.0 ^{2/}	44.1 ^{2/}	<0.8 ^{2/}
	03:30-03:35 HOUR	47.8 ^{2/}	46.3 ^{2/}	45.5 ^{2/}	45.4 ^{2/}	<0.8 ^{2/}
	03:35-03:40 HOUR	47.4 ^{2/}	46.3 ^{2/}	44.1 ^{2/}	45.4 ^{2/}	<0.8 ^{2/}
	03:40-03:45 HOUR	47.2 ^{2/}	46.3 ^{2/}	43.1 ^{2/}	45.4 ^{2/}	<0.8 ^{2/}
	03:45-03:50 HOUR	46.9 ^{2/}	45.2 ^{2/}	45.0 ^{2/}	44.6 ^{2/}	<0.8 ^{2/}
	03:50-03:55 HOUR	46.3 ^{2/}	45.2 ^{2/}	42.8 ^{2/}	44.6 ^{2/}	<0.8 ^{2/}
	03:55-04:00 HOUR	46.2 ^{2/}	45.2 ^{2/}	42.5 ^{2/}	44.6 ^{2/}	<0.8 ^{2/}
	04:00-04:05 HOUR	46.1 ^{2/}	44.4 ^{2/}	44.2 ^{2/}	43.7 ^{2/}	<0.8 ^{2/}
	04:05-04:10 HOUR	45.4 ^{2/}	44.4 ^{2/}	41.5 ^{2/}	43.7 ^{2/}	<0.8 ^{2/}
	04:10-04:15 HOUR	44.9 ^{2/}	44.4 ^{2/}	39.0 ^{2/}	43.7 ^{2/}	<0.8 ^{2/}
	04:15-04:20 HOUR	44.6 ^{2/}	43.4 ^{2/}	41.5 ^{2/}	42.5 ^{2/}	<0.8 ^{2/}

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DATE	TIME*	RESULT (dB(A))					ANNNOYANCE SOUND LEVEL
		N2 : บ้านสวนหลวง กรุงเทพมหานคร					
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL		
AUGUST 30, 2024 T24MU142-0002	NIGHT TIME 2/						
	04:20-04:25 HOUR	44.9 ^{2/}	43.4 ^{2/}	42.5 ^{2/}	42.5 ^{2/}	<0.8 ^{2/}	
	04:25-04:30 HOUR	46.1 ^{2/}	43.4 ^{2/}	45.9 ^{2/}	42.5 ^{2/}	3.4	
	04:30-04:35 HOUR	45.8 ^{2/}	45.9 ^{2/}	<0.8 ^{2/}	44.8 ^{2/}	<0.8 ^{2/}	
	04:35-04:40 HOUR	46.9 ^{2/}	45.9 ^{2/}	43.0 ^{2/}	44.8 ^{2/}	<0.8 ^{2/}	
	04:40-04:45 HOUR	46.8 ^{2/}	45.9 ^{2/}	42.5 ^{2/}	44.8 ^{2/}	<0.8 ^{2/}	
	04:45-04:50 HOUR	46.1 ^{2/}	45.6 ^{2/}	39.7 ^{2/}	44.7 ^{2/}	<0.8 ^{2/}	
	04:50-04:55 HOUR	46.7 ^{2/}	45.6 ^{2/}	43.2 ^{2/}	44.7 ^{2/}	<0.8 ^{2/}	
	04:55-05:00 HOUR	47.7 ^{2/}	45.6 ^{2/}	46.6 ^{2/}	44.7 ^{2/}	1.9	
	05:00-05:05 HOUR	47.6 ^{2/}	47.0 ^{2/}	41.5 ^{2/}	45.4 ^{2/}	<0.8 ^{2/}	
	05:05-05:10 HOUR	47.8 ^{2/}	47.0 ^{2/}	43.1 ^{2/}	45.4 ^{2/}	<0.8 ^{2/}	
	05:10-05:15 HOUR	48.6 ^{2/}	47.0 ^{2/}	46.3 ^{2/}	45.4 ^{2/}	0.9	
	05:15-05:20 HOUR	48.1 ^{2/}	44.8 ^{2/}	48.3 ^{2/}	43.8 ^{2/}	4.5	
	05:20-05:25 HOUR	46.2 ^{2/}	44.8 ^{2/}	43.5 ^{2/}	43.8 ^{2/}	<0.8 ^{2/}	
	05:25-05:30 HOUR	45.4 ^{2/}	44.8 ^{2/}	39.5 ^{2/}	43.8 ^{2/}	<0.8 ^{2/}	
	05:30-05:35 HOUR	45.0 ^{2/}	44.2 ^{2/}	40.3 ^{2/}	43.3 ^{2/}	<0.8 ^{2/}	
	05:35-05:40 HOUR	45.0 ^{2/}	44.2 ^{2/}	40.0 ^{2/}	43.3 ^{2/}	<0.8 ^{2/}	
	05:40-05:45 HOUR	45.4 ^{2/}	44.2 ^{2/}	41.9 ^{2/}	43.3 ^{2/}	<0.8 ^{2/}	
	05:45-05:50 HOUR	45.0 ^{2/}	43.5 ^{2/}	42.7 ^{2/}	39.8 ^{2/}	2.9	
	05:50-05:55 HOUR	44.1 ^{2/}	43.5 ^{2/}	38.2 ^{2/}	39.8 ^{2/}	<0.8 ^{2/}	
	05:55-06:00 HOUR	41.7 ^{2/}	43.5 ^{2/}	<0.8 ^{2/}	39.8 ^{2/}	<0.8 ^{2/}	
	DAY TIME 1/						
	06:00-07:00 HOUR	41.3 ^{2/}	40.0 ^{2/}	35.5 ^{2/}	38.2 ^{2/}	<0.8 ^{2/}	
AUGUST 30, 2024 T24MU142-0003	DAY TIME 1/						
	07:00-08:00 HOUR	44.7 ^{2/}	44.1 ^{2/}	35.7 ^{2/}	43.2 ^{2/}	<0.8 ^{2/}	
	08:00-09:00 HOUR	44.8 ^{2/}	43.6 ^{2/}	38.7 ^{2/}	41.9 ^{2/}	<0.8 ^{2/}	
	09:00-10:00 HOUR	45.8 ^{2/}	44.0 ^{2/}	41.2 ^{2/}	42.9 ^{2/}	<0.8 ^{2/}	
	10:00-11:00 HOUR	44.1 ^{2/}	42.9 ^{2/}	38.1 ^{2/}	42.0 ^{2/}	<0.8 ^{2/}	
	11:00-12:00 HOUR	44.2 ^{2/}	43.0 ^{2/}	37.9 ^{2/}	41.5 ^{2/}	<0.8 ^{2/}	
	12:00-13:00 HOUR	45.7 ^{2/}	45.9 ^{2/}	<0.8 ^{2/}	38.5 ^{2/}	<0.8 ^{2/}	
	13:00-14:00 HOUR	45.3 ^{2/}	43.6 ^{2/}	40.4 ^{2/}	42.8 ^{2/}	<0.8 ^{2/}	
	14:00-15:00 HOUR	45.2 ^{2/}	46.2 ^{2/}	<0.8 ^{2/}	42.5 ^{2/}	<0.8 ^{2/}	
	15:00-16:00 HOUR	44.5 ^{2/}	43.5 ^{2/}	37.5 ^{2/}	41.4 ^{2/}	<0.8 ^{2/}	
	16:00-17:00 HOUR	46.2 ^{2/}	45.7 ^{2/}	36.6 ^{2/}	44.2 ^{2/}	<0.8 ^{2/}	
	17:00-18:00 HOUR	47.7 ^{2/}	47.4 ^{2/}	36.4 ^{2/}	46.5 ^{2/}	<0.8 ^{2/}	
	18:00-19:00 HOUR	48.1 ^{2/}	47.2 ^{2/}	40.6 ^{2/}	46.5 ^{2/}	<0.8 ^{2/}	
	19:00-20:00 HOUR	50.0 ^{2/}	49.4 ^{2/}	40.8 ^{2/}	48.4 ^{2/}	<0.8 ^{2/}	
	20:00-21:00 HOUR	51.1 ^{2/}	49.9 ^{2/}	45.0 ^{2/}	48.9 ^{2/}	<0.8 ^{2/}	
	21:00-22:00 HOUR	51.8 ^{2/}	50.7 ^{2/}	45.3 ^{2/}	48.9 ^{2/}	<0.8 ^{2/}	
	NIGHT TIME 2/						
	22:00-22:05 HOUR	50.3 ^{2/}	50.0 ^{2/}	41.6 ^{2/}	48.5 ^{2/}	<0.8 ^{2/}	
	22:05-22:10 HOUR	51.8 ^{2/}	50.0 ^{2/}	50.0 ^{2/}	48.5 ^{2/}	1.5	
	22:10-22:15 HOUR	51.2 ^{2/}	50.0 ^{2/}	47.8 ^{2/}	48.5 ^{2/}	<0.8 ^{2/}	
	22:15-22:20 HOUR	48.7 ^{2/}	48.1 ^{2/}	43.4 ^{2/}	46.7 ^{2/}	<0.8 ^{2/}	
	22:20-22:25 HOUR	49.8 ^{2/}	48.1 ^{2/}	47.9 ^{2/}	46.7 ^{2/}	1.2	
	22:25-22:30 HOUR	49.9 ^{2/}	48.1 ^{2/}	48.3 ^{2/}	46.7 ^{2/}	1.6	

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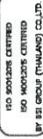
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DATE	TIME*	RESULT (dB(A))				
		N2 : บ้านโนนโพธิ์งาม ตำบลโนนโพธิ์ อำเภอเมืองขอนแก่น				
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL	ANNNOYANCE SOUND LEVEL
AUGUST 30, 2024 T244U142-0003	NIGHT TIME 2/					
	22:30-22:35 HOUR	49.7 ^{2/}	48.7 ^{2/}	45.9 ^{2/}	47.0 ^{2/}	<0.8 ^{2/}
	22:35-22:40 HOUR	49.8 ^{2/}	48.7 ^{2/}	46.0 ^{2/}	47.0 ^{2/}	<0.8 ^{2/}
	22:40-22:45 HOUR	49.6 ^{2/}	48.7 ^{2/}	45.4 ^{2/}	47.0 ^{2/}	<0.8 ^{2/}
	22:45-22:50 HOUR	48.6 ^{2/}	46.8 ^{2/}	47.1 ^{2/}	45.5 ^{2/}	1.6
	22:50-22:55 HOUR	48.4 ^{2/}	46.8 ^{2/}	46.3 ^{2/}	45.5 ^{2/}	0.8
	22:55-23:00 HOUR	48.1 ^{2/}	46.8 ^{2/}	45.2 ^{2/}	45.5 ^{2/}	<0.8 ^{2/}
	23:00-23:05 HOUR	47.9 ^{2/}	46.8 ^{2/}	44.4 ^{2/}	45.9 ^{2/}	<0.8 ^{2/}
	23:05-23:10 HOUR	48.8 ^{2/}	46.8 ^{2/}	47.4 ^{2/}	45.9 ^{2/}	1.5
	23:10-23:15 HOUR	48.6 ^{2/}	46.8 ^{2/}	46.7 ^{2/}	45.9 ^{2/}	0.8
	23:15-23:20 HOUR	48.8 ^{2/}	47.8 ^{2/}	45.0 ^{2/}	45.9 ^{2/}	<0.8 ^{2/}
	23:20-23:25 HOUR	48.9 ^{2/}	47.8 ^{2/}	45.4 ^{2/}	45.9 ^{2/}	<0.8 ^{2/}
	23:25-23:30 HOUR	48.9 ^{2/}	47.8 ^{2/}	45.6 ^{2/}	45.9 ^{2/}	<0.8 ^{2/}
	23:30-23:35 HOUR	49.5 ^{2/}	48.4 ^{2/}	46.0 ^{2/}	46.7 ^{2/}	<0.8 ^{2/}
	23:35-23:40 HOUR	50.2 ^{2/}	48.4 ^{2/}	48.5 ^{2/}	46.7 ^{2/}	1.8
	23:40-23:45 HOUR	48.9 ^{2/}	48.4 ^{2/}	41.7 ^{2/}	46.7 ^{2/}	<0.8 ^{2/}
	23:45-23:50 HOUR	47.8 ^{2/}	46.5 ^{2/}	45.2 ^{2/}	43.7 ^{2/}	1.5
	23:50-23:55 HOUR	47.9 ^{2/}	46.5 ^{2/}	45.3 ^{2/}	43.7 ^{2/}	1.6
	23:55-00:00 HOUR	48.2 ^{2/}	46.5 ^{2/}	46.3 ^{2/}	43.7 ^{2/}	2.6
AUGUST 31, 2024 T244U142-0003	NIGHT TIME 2/					
	00:00-00:05 HOUR	47.1 ^{2/}	46.5 ^{2/}	41.3 ^{2/}	43.8 ^{2/}	<0.8 ^{2/}
	00:05-00:10 HOUR	49.1 ^{2/}	46.5 ^{2/}	48.7 ^{2/}	43.8 ^{2/}	4.9
	00:10-00:15 HOUR	47.6 ^{2/}	46.5 ^{2/}	44.1 ^{2/}	43.8 ^{2/}	<0.8 ^{2/}
	00:15-00:20 HOUR	47.7 ^{2/}	45.8 ^{2/}	46.2 ^{2/}	43.4 ^{2/}	2.8
	00:20-00:25 HOUR	47.0 ^{2/}	45.8 ^{2/}	43.7 ^{2/}	43.4 ^{2/}	<0.8 ^{2/}
	00:25-00:30 HOUR	46.5 ^{2/}	45.8 ^{2/}	41.3 ^{2/}	43.4 ^{2/}	<0.8 ^{2/}
	00:30-00:35 HOUR	46.9 ^{2/}	45.7 ^{2/}	43.8 ^{2/}	42.8 ^{2/}	1.0
	00:35-00:40 HOUR	46.9 ^{2/}	45.7 ^{2/}	43.7 ^{2/}	42.8 ^{2/}	0.9
	00:40-00:45 HOUR	46.3 ^{2/}	45.7 ^{2/}	40.5 ^{2/}	42.8 ^{2/}	<0.8 ^{2/}
	00:45-00:50 HOUR	47.5 ^{2/}	47.0 ^{2/}	40.1 ^{2/}	45.3 ^{2/}	<0.8 ^{2/}
	00:50-00:55 HOUR	48.3 ^{2/}	47.0 ^{2/}	45.5 ^{2/}	45.3 ^{2/}	<0.8 ^{2/}
	00:55-01:00 HOUR	48.5 ^{2/}	47.0 ^{2/}	45.9 ^{2/}	45.3 ^{2/}	<0.8 ^{2/}
	01:00-01:05 HOUR	48.1 ^{2/}	46.8 ^{2/}	45.4 ^{2/}	44.3 ^{2/}	1.1
	01:05-01:10 HOUR	47.4 ^{2/}	46.8 ^{2/}	41.4 ^{2/}	44.3 ^{2/}	<0.8 ^{2/}
	01:10-01:15 HOUR	47.9 ^{2/}	46.8 ^{2/}	44.4 ^{2/}	44.3 ^{2/}	<0.8 ^{2/}
	01:15-01:20 HOUR	47.7 ^{2/}	45.8 ^{2/}	46.2 ^{2/}	43.8 ^{2/}	2.4
	01:20-01:25 HOUR	46.8 ^{2/}	45.8 ^{2/}	43.0 ^{2/}	43.8 ^{2/}	<0.8 ^{2/}
	01:25-01:30 HOUR	46.5 ^{2/}	45.8 ^{2/}	41.0 ^{2/}	43.8 ^{2/}	<0.8 ^{2/}
	01:30-01:35 HOUR	47.5 ^{2/}	45.2 ^{2/}	46.6 ^{2/}	43.5 ^{2/}	3.1
	01:35-01:40 HOUR	46.7 ^{2/}	45.2 ^{2/}	44.4 ^{2/}	43.5 ^{2/}	0.9
	01:40-01:45 HOUR	46.5 ^{2/}	45.2 ^{2/}	43.6 ^{2/}	43.5 ^{2/}	<0.8 ^{2/}
	01:45-01:50 HOUR	46.3 ^{2/}	47.1 ^{2/}	<0.8 ^{2/}	43.0 ^{2/}	<0.8 ^{2/}
	01:50-01:55 HOUR	48.3 ^{2/}	47.1 ^{2/}	45.2 ^{2/}	43.0 ^{2/}	2.2
	01:55-02:00 HOUR	49.9 ^{2/}	47.1 ^{2/}	49.5 ^{2/}	43.0 ^{2/}	6.5
	02:00-02:05 HOUR	55.2 ^{2/}	54.1 ^{2/}	51.4 ^{2/}	43.2 ^{2/}	8.2

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• THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.



ISO 9001:2015 CERTIFIED
BY ITS GROUP (THAILAND) CO., LTD.

DATE	TIME*	RESULT (dB(A))			
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL
AUGUST 31, 2024 TZ44UJ42-0003	NIGHT TIME 2/				
	02:05-02:10 HOUR	54.4 ^{2/}	54.1 ***	45.7 ^{2/}	43.2 ***
	02:10-02:15 HOUR	51.6 ^{2/}	54.1 ***	<0.8 ^{2/}	43.2 ***
	02:15-02:20 HOUR	46.5 ^{2/}	44.3 ***	45.9 ^{2/}	43.1 ***
	02:20-02:25 HOUR	45.3 ^{2/}	44.3 ***	41.4 ^{2/}	43.1 ***
	02:25-02:30 HOUR	45.1 ^{2/}	44.3 ***	40.6 ^{2/}	43.1 ***
	02:30-02:35 HOUR	47.0 ^{2/}	45.5 ***	44.7 ^{2/}	42.7 ***
	02:35-02:40 HOUR	46.2 ^{2/}	45.5 ***	40.9 ^{2/}	42.7 ***
	02:40-02:45 HOUR	47.6 ^{2/}	45.5 ***	46.2 ^{2/}	42.7 ***
	02:45-02:50 HOUR	47.3 ^{2/}	45.7 ***	45.2 ^{2/}	42.8 ***
	02:50-02:55 HOUR	45.6 ^{2/}	45.7 ***	<0.8 ^{2/}	42.8 ***
	02:55-03:00 HOUR	45.0 ^{2/}	45.7 ***	<0.8 ^{2/}	42.8 ***
	03:00-03:05 HOUR	45.8 ^{2/}	44.1 ***	44.0 ^{2/}	42.6 ***
	03:05-03:10 HOUR	47.3 ^{2/}	44.1 ***	47.6 ^{2/}	42.6 ***
	03:10-03:15 HOUR	45.3 ^{2/}	44.1 ***	42.1 ^{2/}	42.6 ***
	03:15-03:20 HOUR	45.6 ^{2/}	43.7 ***	44.1 ^{2/}	41.9 ***
	03:20-03:25 HOUR	45.4 ^{2/}	43.7 ***	43.7 ^{2/}	41.9 ***
	03:25-03:30 HOUR	46.3 ^{2/}	43.7 ***	45.6 ^{2/}	41.9 ***
	03:30-03:35 HOUR	50.1 ^{2/}	47.3 ***	49.9 ^{2/}	42.3 ***
	03:35-03:40 HOUR	48.5 ^{2/}	47.3 ***	45.3 ^{2/}	42.3 ***
	03:40-03:45 HOUR	47.1 ^{2/}	47.3 ***	<0.8 ^{2/}	42.3 ***
	03:45-03:50 HOUR	46.0 ^{2/}	44.9 ***	42.5 ^{2/}	42.7 ***
	03:50-03:55 HOUR	45.8 ^{2/}	44.9 ***	41.6 ^{2/}	42.7 ***
	03:55-04:00 HOUR	45.4 ^{2/}	44.9 ***	38.8 ^{2/}	42.7 ***
	04:00-04:05 HOUR	46.2 ^{2/}	43.6 ***	45.7 ^{2/}	42.4 ***
	04:05-04:10 HOUR	46.5 ^{2/}	43.6 ***	46.3 ^{2/}	42.4 ***
	04:10-04:15 HOUR	45.3 ^{2/}	43.6 ***	43.4 ^{2/}	42.4 ***
	04:15-04:20 HOUR	46.4 ^{2/}	43.9 ***	45.8 ^{2/}	43.0 ***
	04:20-04:25 HOUR	45.4 ^{2/}	43.9 ***	43.1 ^{2/}	43.0 ***
	04:25-04:30 HOUR	45.9 ^{2/}	43.9 ***	44.5 ^{2/}	43.0 ***
	04:30-04:35 HOUR	46.2 ^{2/}	45.0 ***	43.0 ^{2/}	42.7 ***
	04:35-04:40 HOUR	47.0 ^{2/}	45.0 ***	45.8 ^{2/}	42.7 ***
	04:40-04:45 HOUR	47.3 ^{2/}	45.0 ***	46.6 ^{2/}	42.7 ***
	04:45-04:50 HOUR	46.2 ^{2/}	45.1 ***	42.8 ^{2/}	43.3 ***
	04:50-04:55 HOUR	46.8 ^{2/}	45.1 ***	44.9 ^{2/}	43.3 ***
	04:55-05:00 HOUR	47.3 ^{2/}	45.1 ***	46.3 ^{2/}	43.3 ***
	05:00-05:05 HOUR	47.0 ^{2/}	45.8 ***	44.0 ^{2/}	44.8 ***
	05:05-05:10 HOUR	47.3 ^{2/}	45.8 ***	44.9 ^{2/}	44.8 ***
	05:10-05:15 HOUR	47.3 ^{2/}	45.8 ***	45.1 ^{2/}	44.8 ***
	05:15-05:20 HOUR	47.9 ^{2/}	46.2 ***	46.0 ^{2/}	44.7 ***
	05:20-05:25 HOUR	47.0 ^{2/}	46.2 ***	42.2 ^{2/}	44.7 ***
	05:25-05:30 HOUR	47.2 ^{2/}	46.2 ***	43.4 ^{2/}	44.7 ***
	05:30-05:35 HOUR	46.0 ^{2/}	45.3 ***	40.6 ^{2/}	43.4 ***
	05:35-05:40 HOUR	46.3 ^{2/}	45.3 ***	42.4 ^{2/}	43.4 ***
	05:40-05:45 HOUR	45.6 ^{2/}	45.3 ***	37.5 ^{2/}	43.4 ***

DATE	TIME*	RESULT (dB(A))			
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL
AUGUST 31, 2024 TZ44UJ42-0003	NIGHT TIME 2/				
	05:45-05:50 HOUR	44.5 ^{2/}	41.6 ***	44.4 ^{2/}	39.9 ***
	05:50-05:55 HOUR	42.8 ^{2/}	41.6 ***	39.6 ^{2/}	39.9 ***
	DAY TIME 3/				
	05:55-06:00 HOUR	42.4 ^{2/}	41.6 ***	37.6 ^{2/}	39.9 ***
	06:00-07:00 HOUR	42.4 ^{1/}	42.6 **	<0.8 ^{2/}	39.8 **

REMARK : 1/ CASE 1 CALCULATION (DURING 06:00 TO 22:00 HOUR) : SPECIFIC SOUND LEVEL CONTINUOUSLY OCCUR AT LEAST 1 HOUR, MEASURING AS L_{day 1} hour
2/ CASE 4 CALCULATION (DURING 22:00 TO 06:00 HOUR) : SPECIFIC SOUND LEVEL OCCUR IN RESTFUL AREA OR NIGHT TIME, MEASURING AS L_{day 3} minute
3/ THERE IS NO IMPACT CAUSE ANNOYANCE SOUND LEVEL
** PERCENTILE LEVEL 90 (L₉₀) IS THE MIDDLE VALUE OF 11 TIMES MEASURING.
(55 MINUTES MEASURING DURING 06:00 TO 22:00 HOUR)
AND RESIDUAL SOUND LEVEL (L_{day 5} minutes) IS CHOSEN AT THE SAME TIME AS PERCENTILE LEVEL 90 ABOVE.
*** PERCENTILE LEVEL 90 (L₉₀) IS THE MIDDLE VALUE OF 3 TIMES MEASURING.
(15 MINUTES MEASURING DURING 22:00 TO 06:00 HOUR)
AND RESIDUAL SOUND LEVEL (L_{day 5} minutes) IS CHOSEN AT THE SAME TIME AS PERCENTILE LEVEL 90 ABOVE.


(NR SILA BANJONGTAERUK)
LABORATORY SUPERVISOR



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UNITED ANALYST AND ENGINEERING CONSULTANT COMPANY LIMITED

ANALYSIS REPORT

PROJECT NAME : โครงการก่อสร้างอาคารพาณิชย์ 15/43 ถนนสาทรเหนือ แขวงดินแดง กรุงเทพมหานคร

CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED

ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120

CONTACT INFORMATION : TEL : 08 9098 4651 e-mail : jutejip.p@apicokc.com

MEASURING PLACE : N3 : บริเวณห้องจำหน่ายสินค้า

MEASURING TYPE : AMBIENT (ANNOYANCE NOISE)

MEASURING DATE : AUGUST 28-31, 2024

MEASURING TIME : * : AUGUST 28-31, 2024

MEASURING EQUIPMENT : INTEGRATED SOUND LEVEL METER AND CALCULATION

MEASURED BY : MR. JUMPON SUANPET

RECEIVED DATE : AUGUST 28-31, 2024

ANALYTICAL DATE : AUGUST 28-31, 2024

ISSUE DATE : SEPTEMBER 6, 2024

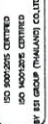
REPORT NO. : 2024-U082502

WORK NO. : 2023-007883

ANALYSIS NO. : T24U142-0004 - T24U142-0006

DATE	TIME*	RESULT (dB(A))			
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 28, 2024 T24U142-0004	DAY TIME ^{1/}				
	07:00-08:00 HOUR	52.4 ^{1/}	51.1 ^{1/}	46.6 ^{1/}	<0.8 ^{1/}
	08:00-09:00 HOUR	52.0 ^{1/}	50.8 ^{1/}	50.3 ^{1/}	<0.8 ^{1/}
	09:00-10:00 HOUR	50.7 ^{1/}	49.6 ^{1/}	44.1 ^{1/}	<0.8 ^{1/}
	10:00-11:00 HOUR	51.7 ^{1/}	51.4 ^{1/}	40.3 ^{1/}	<0.8 ^{1/}
	11:00-12:00 HOUR	53.3 ^{1/}	52.6 ^{1/}	44.9 ^{1/}	<0.8 ^{1/}
	12:00-13:00 HOUR	50.9 ^{1/}	50.9 ^{1/}	43.6 ^{1/}	<0.8 ^{1/}
	13:00-14:00 HOUR	51.2 ^{1/}	51.0 ^{1/}	37.2 ^{1/}	<0.8 ^{1/}
	14:00-15:00 HOUR	48.8 ^{1/}	48.2 ^{1/}	39.8 ^{1/}	<0.8 ^{1/}
	15:00-16:00 HOUR	47.2 ^{1/}	46.4 ^{1/}	39.4 ^{1/}	<0.8 ^{1/}
	16:00-17:00 HOUR	50.0 ^{1/}	50.0 ^{1/}	30.9 ^{1/}	<0.8 ^{1/}
	17:00-18:00 HOUR	51.5 ^{1/}	51.0 ^{1/}	41.7 ^{1/}	<0.8 ^{1/}
	18:00-19:00 HOUR	49.5 ^{1/}	48.3 ^{1/}	43.2 ^{1/}	<0.8 ^{1/}
	19:00-20:00 HOUR	42.3 ^{1/}	42.3 ^{1/}	48.5 ^{1/}	8.7
	20:00-21:00 HOUR	48.2 ^{1/}	50.0 ^{1/}	<0.8 ^{1/}	<0.8 ^{1/}
	21:00-22:00 HOUR	50.3 ^{1/}	51.4 ^{1/}	<0.8 ^{1/}	<0.8 ^{1/}
	NIGHT TIME ^{2/}				
	22:00-22:05 HOUR	51.9 ^{1/}	49.4 ^{1/}	51.3 ^{1/}	5.8
	22:05-22:10 HOUR	49.8 ^{1/}	49.4 ^{1/}	42.3 ^{1/}	<0.8 ^{1/}
	22:10-22:15 HOUR	51.0 ^{1/}	49.4 ^{1/}	48.7 ^{1/}	3.2
	22:15-22:20 HOUR	49.6 ^{1/}	47.4 ^{1/}	48.6 ^{1/}	2.4
	22:20-22:25 HOUR	47.5 ^{1/}	47.4 ^{1/}	34.0 ^{1/}	<0.8 ^{1/}
	22:25-22:30 HOUR	47.2 ^{1/}	47.4 ^{1/}	<0.8 ^{1/}	<0.8 ^{1/}
	22:30-22:35 HOUR	47.4 ^{1/}	47.3 ^{1/}	33.9 ^{1/}	<0.8 ^{1/}
	22:35-22:40 HOUR	47.8 ^{1/}	47.3 ^{1/}	41.4 ^{1/}	<0.8 ^{1/}
	22:40-22:45 HOUR	47.7 ^{1/}	47.3 ^{1/}	40.1 ^{1/}	<0.8 ^{1/}
	22:45-22:50 HOUR	47.2 ^{1/}	46.0 ^{1/}	43.8 ^{1/}	<0.8 ^{1/}
	22:50-22:55 HOUR	46.7 ^{1/}	46.0 ^{1/}	41.5 ^{1/}	<0.8 ^{1/}
	22:55-23:00 HOUR	46.6 ^{1/}	46.0 ^{1/}	40.4 ^{1/}	<0.8 ^{1/}
	23:00-23:05 HOUR	50.1 ^{1/}	48.9 ^{1/}	50.1 ^{1/}	1.3
	23:05-23:10 HOUR	51.1 ^{1/}	48.9 ^{1/}	50.0 ^{1/}	4.3
	23:10-23:15 HOUR	49.5 ^{1/}	48.9 ^{1/}	43.6 ^{1/}	<0.8 ^{1/}

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

UNITED ANALYST AND ENGINEERING CONSULTANT COMPANY LIMITED

ANALYSIS REPORT

PROJECT NAME : โครงการก่อสร้างอาคารพาณิชย์ 15/43 ถนนสาทรเหนือ แขวงดินแดง กรุงเทพมหานคร

CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED

ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120

CONTACT INFORMATION : TEL : 08 9098 4651 e-mail : jutejip.p@apicokc.com

MEASURING PLACE : N3 : บริเวณห้องจำหน่ายสินค้า

MEASURING TYPE : AMBIENT (ANNOYANCE NOISE)

MEASURING DATE : AUGUST 28-31, 2024

MEASURING TIME : * : AUGUST 28-31, 2024

MEASURING EQUIPMENT : INTEGRATED SOUND LEVEL METER AND CALCULATION

MEASURED BY : MR. JUMPON SUANPET

RECEIVED DATE : AUGUST 28-31, 2024

ANALYTICAL DATE : AUGUST 28-31, 2024

ISSUE DATE : SEPTEMBER 6, 2024

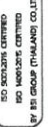
REPORT NO. : 2024-U082502

WORK NO. : 2023-007883

ANALYSIS NO. : T24U142-0004 - T24U142-0006

DATE	TIME*	RESULT (dB(A))			
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 28, 2024 T24U142-0004	NIGHT TIME ^{2/}				
	23:15-23:20 HOUR	46.9 ^{1/}	46.3 ^{1/}	41.3 ^{1/}	<0.8 ^{1/}
	23:20-23:25 HOUR	46.8 ^{1/}	46.3 ^{1/}	40.5 ^{1/}	<0.8 ^{1/}
	23:25-23:30 HOUR	47.0 ^{1/}	46.3 ^{1/}	41.7 ^{1/}	<0.8 ^{1/}
	23:30-23:35 HOUR	46.8 ^{1/}	46.0 ^{1/}	42.5 ^{1/}	<0.8 ^{1/}
	23:35-23:40 HOUR	46.9 ^{1/}	46.0 ^{1/}	42.6 ^{1/}	<0.8 ^{1/}
	23:40-23:45 HOUR	46.8 ^{1/}	46.0 ^{1/}	42.3 ^{1/}	<0.8 ^{1/}
	23:45-23:50 HOUR	47.0 ^{1/}	46.3 ^{1/}	41.7 ^{1/}	<0.8 ^{1/}
	23:50-23:55 HOUR	47.4 ^{1/}	46.3 ^{1/}	43.7 ^{1/}	<0.8 ^{1/}
	23:55-00:00 HOUR	46.8 ^{1/}	46.3 ^{1/}	40.1 ^{1/}	<0.8 ^{1/}
	NIGHT TIME ^{2/}				
	00:00-00:05 HOUR	46.6 ^{1/}	46.7 ^{1/}	<0.8 ^{1/}	<0.8 ^{1/}
	00:05-00:10 HOUR	46.8 ^{1/}	46.7 ^{1/}	34.4 ^{1/}	<0.8 ^{1/}
	00:10-00:15 HOUR	46.9 ^{1/}	46.7 ^{1/}	36.4 ^{1/}	<0.8 ^{1/}
	00:15-00:20 HOUR	46.9 ^{1/}	46.2 ^{1/}	41.7 ^{1/}	<0.8 ^{1/}
	00:20-00:25 HOUR	47.1 ^{1/}	46.2 ^{1/}	42.5 ^{1/}	<0.8 ^{1/}
	00:25-00:30 HOUR	46.7 ^{1/}	46.4 ^{1/}	42.8 ^{1/}	<0.8 ^{1/}
	00:30-00:35 HOUR	46.7 ^{1/}	46.4 ^{1/}	37.9 ^{1/}	<0.8 ^{1/}
	00:35-00:40 HOUR	46.7 ^{1/}	46.4 ^{1/}	48.0 ^{1/}	<0.8 ^{1/}
	00:40-00:45 HOUR	46.9 ^{1/}	46.4 ^{1/}	48.3 ^{1/}	2.2
	00:45-00:50 HOUR	46.8 ^{1/}	46.5 ^{1/}	37.1 ^{1/}	<0.8 ^{1/}
	00:50-00:55 HOUR	46.7 ^{1/}	46.5 ^{1/}	35.0 ^{1/}	<0.8 ^{1/}
	00:55-01:00 HOUR	47.4 ^{1/}	46.5 ^{1/}	43.1 ^{1/}	<0.8 ^{1/}
	01:00-01:05 HOUR	46.9 ^{1/}	46.2 ^{1/}	41.7 ^{1/}	<0.8 ^{1/}
	01:05-01:10 HOUR	47.0 ^{1/}	46.2 ^{1/}	42.3 ^{1/}	<0.8 ^{1/}
	01:10-01:15 HOUR	46.7 ^{1/}	46.2 ^{1/}	40.0 ^{1/}	<0.8 ^{1/}
	01:15-01:20 HOUR	46.6 ^{1/}	46.6 ^{1/}	<0.8 ^{1/}	<0.8 ^{1/}
	01:20-01:25 HOUR	47.0 ^{1/}	46.6 ^{1/}	39.1 ^{1/}	<0.8 ^{1/}
	01:25-01:30 HOUR	47.2 ^{1/}	46.6 ^{1/}	41.3 ^{1/}	<0.8 ^{1/}
	01:30-01:35 HOUR	48.2 ^{1/}	47.7 ^{1/}	41.5 ^{1/}	<0.8 ^{1/}
	01:35-01:40 HOUR	48.2 ^{1/}	47.7 ^{1/}	41.6 ^{1/}	<0.8 ^{1/}
	01:40-01:45 HOUR	48.7 ^{1/}	47.7 ^{1/}	44.8 ^{1/}	<0.8 ^{1/}
	01:45-01:50 HOUR	47.2 ^{1/}	46.3 ^{1/}	42.9 ^{1/}	<0.8 ^{1/}
	01:50-01:55 HOUR	47.2 ^{1/}	46.3 ^{1/}	42.9 ^{1/}	<0.8 ^{1/}
	01:55-02:00 HOUR	47.1 ^{1/}	46.3 ^{1/}	42.4 ^{1/}	<0.8 ^{1/}
	02:00-02:05 HOUR	47.2 ^{1/}	47.2 ^{1/}	<0.8 ^{1/}	<0.8 ^{1/}
	02:05-02:10 HOUR	47.7 ^{1/}	47.2 ^{1/}	40.5 ^{1/}	<0.8 ^{1/}
	02:10-02:15 HOUR	49.6 ^{1/}	47.2 ^{1/}	48.9 ^{1/}	2.2
	02:15-02:20 HOUR	47.9 ^{1/}	46.9 ^{1/}	44.0 ^{1/}	<0.8 ^{1/}
	02:20-02:25 HOUR	47.8 ^{1/}	46.9 ^{1/}	43.6 ^{1/}	<0.8 ^{1/}
	02:25-02:30 HOUR	47.8 ^{1/}	46.9 ^{1/}	43.8 ^{1/}	<0.8 ^{1/}
	02:30-02:35 HOUR	47.9 ^{1/}	47.4 ^{1/}	41.0 ^{1/}	<0.8 ^{1/}
	02:35-02:40 HOUR	47.5 ^{1/}	47.4 ^{1/}	34.1 ^{1/}	<0.8 ^{1/}
	02:40-02:45 HOUR	47.5 ^{1/}	47.4 ^{1/}	32.5 ^{1/}	<0.8 ^{1/}
	02:45-02:50 HOUR	47.9 ^{1/}	47.2 ^{1/}	42.6 ^{1/}	<0.8 ^{1/}

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DATE	TIME*	RESULT (dB(A))				
		N3 : หมู่บ้านท่าอากาศยานสุวรรณภูมิ				
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 29, 2024 TZ24AUI42-0004	NIGHT TIME ^{1/}					
	02:50-02:55 HOUR	47.8 ^{2/}	47.2 ^{2/}	41.8 ^{2/}	46.7 ^{2/}	<0.8 ^{2/}
	02:55-03:00 HOUR	47.7 ^{2/}	47.2 ^{2/}	41.2 ^{2/}	46.7 ^{2/}	<0.8 ^{2/}
	03:00-03:05 HOUR	47.6 ^{2/}	47.5 ^{2/}	33.9 ^{2/}	47.1 ^{2/}	<0.8 ^{2/}
	03:05-03:10 HOUR	47.9 ^{2/}	47.5 ^{2/}	40.1 ^{2/}	47.1 ^{2/}	<0.8 ^{2/}
	03:10-03:15 HOUR	48.5 ^{2/}	47.5 ^{2/}	44.7 ^{2/}	47.1 ^{2/}	<0.8 ^{2/}
	03:15-03:20 HOUR	48.4 ^{2/}	47.7 ^{2/}	43.2 ^{2/}	47.3 ^{2/}	<0.8 ^{2/}
	03:20-03:25 HOUR	48.4 ^{2/}	47.7 ^{2/}	43.1 ^{2/}	47.3 ^{2/}	<0.8 ^{2/}
	03:25-03:30 HOUR	48.3 ^{2/}	47.7 ^{2/}	42.4 ^{2/}	47.3 ^{2/}	<0.8 ^{2/}
	03:30-03:35 HOUR	46.4 ^{2/}	47.4 ^{2/}	<0.8 ^{2/}	46.7 ^{2/}	<0.8 ^{2/}
	03:35-03:40 HOUR	49.0 ^{2/}	47.4 ^{2/}	47.0 ^{2/}	46.7 ^{2/}	<0.8 ^{2/}
	03:40-03:45 HOUR	47.8 ^{2/}	47.4 ^{2/}	40.3 ^{2/}	47.6 ^{2/}	<0.8 ^{2/}
	03:45-03:50 HOUR	47.5 ^{2/}	48.1 ^{2/}	<0.8 ^{2/}	47.6 ^{2/}	<0.8 ^{2/}
	03:50-03:55 HOUR	48.3 ^{2/}	48.1 ^{2/}	38.5 ^{2/}	47.6 ^{2/}	<0.8 ^{2/}
	03:55-04:00 HOUR	48.3 ^{2/}	47.8 ^{2/}	39.4 ^{2/}	47.3 ^{2/}	<0.8 ^{2/}
	04:00-04:05 HOUR	48.1 ^{2/}	47.8 ^{2/}	28.8 ^{2/}	47.3 ^{2/}	<0.8 ^{2/}
	04:05-04:10 HOUR	48.0 ^{2/}	47.8 ^{2/}	36.5 ^{2/}	47.3 ^{2/}	<0.8 ^{2/}
	04:10-04:15 HOUR	48.1 ^{2/}	48.1 ^{2/}	30.6 ^{2/}	47.5 ^{2/}	<0.8 ^{2/}
	04:15-04:20 HOUR	48.7 ^{2/}	48.1 ^{2/}	42.8 ^{2/}	47.5 ^{2/}	<0.8 ^{2/}
	04:25-04:30 HOUR	49.3 ^{2/}	48.1 ^{2/}	46.3 ^{2/}	47.5 ^{2/}	<0.8 ^{2/}
	04:30-04:35 HOUR	40.5 ^{2/}	39.9 ^{2/}	34.6 ^{2/}	37.0 ^{2/}	<0.8 ^{2/}
AUGUST 29, 2024 TZ24AUI42-0005	DAY TIME ^{1/}					
	04:35-04:40 HOUR	42.1 ^{2/}	39.9 ^{2/}	41.1 ^{2/}	37.0 ^{2/}	4.1
	04:40-04:45 HOUR	43.3 ^{2/}	39.9 ^{2/}	43.6 ^{2/}	37.0 ^{2/}	6.6
	04:45-04:50 HOUR	42.8 ^{2/}	38.4 ^{2/}	43.8 ^{2/}	36.2 ^{2/}	7.6
	04:50-04:55 HOUR	43.1 ^{2/}	38.4 ^{2/}	43.1 ^{2/}	36.2 ^{2/}	6.9
	04:55-05:00 HOUR	38.5 ^{2/}	38.4 ^{2/}	25.1 ^{2/}	36.2 ^{2/}	<0.8 ^{2/}
	05:00-05:05 HOUR	44.3 ^{2/}	43.4 ^{2/}	40.1 ^{2/}	34.5 ^{2/}	5.6
	05:05-05:10 HOUR	44.8 ^{2/}	43.4 ^{2/}	42.0 ^{2/}	34.5 ^{2/}	7.5
	05:10-05:15 HOUR	42.9 ^{2/}	40.1 ^{2/}	42.6 ^{2/}	35.4 ^{2/}	7.2
	05:15-05:20 HOUR	42.1 ^{2/}	40.1 ^{2/}	40.8 ^{2/}	35.4 ^{2/}	5.4
	05:20-05:25 HOUR	41.8 ^{2/}	40.1 ^{2/}	40.0 ^{2/}	35.4 ^{2/}	4.6
	05:25-05:30 HOUR	43.1 ^{2/}	42.5 ^{2/}	37.5 ^{2/}	39.8 ^{2/}	<0.8 ^{2/}
	05:30-05:35 HOUR	43.3 ^{2/}	42.5 ^{2/}	38.6 ^{2/}	39.8 ^{2/}	<0.8 ^{2/}
	05:35-05:40 HOUR	44.8 ^{2/}	42.5 ^{2/}	43.8 ^{2/}	39.8 ^{2/}	4.1
	05:40-05:45 HOUR	43.7 ^{2/}	40.8 ^{2/}	43.5 ^{2/}	36.7 ^{2/}	6.8
	05:45-05:50 HOUR	42.8 ^{2/}	40.8 ^{2/}	41.6 ^{2/}	36.7 ^{2/}	4.9
	05:50-05:55 HOUR	41.3 ^{2/}	40.8 ^{2/}	34.6 ^{2/}	36.7 ^{2/}	<0.8 ^{2/}
	05:55-06:00 HOUR	45.3 ^{2/}	45.6 ^{2/}	<0.8 ^{2/}	43.6 ^{2/}	<0.8 ^{2/}
	DAY TIME ^{1/}					
	06:00-07:00 HOUR	52.5 ^{2/}	50.7 ^{2/}	47.9 ^{2/}	50.2 ^{2/}	<0.8 ^{2/}
AUGUST 29, 2024 TZ24AUI42-0005	DAY TIME ^{1/}					
	07:00-08:00 HOUR	52.1 ^{2/}	51.8 ^{2/}	39.7 ^{2/}	49.9 ^{2/}	<0.8 ^{2/}
	08:00-09:00 HOUR	50.8 ^{2/}	48.9 ^{2/}	46.4 ^{2/}	48.4 ^{2/}	<0.8 ^{2/}
AUGUST 30, 2024 TZ24AUI42-0005	DAY TIME ^{1/}					
	09:00-10:00 HOUR	51.7 ^{2/}	50.7 ^{2/}	44.9 ^{2/}	49.6 ^{2/}	<0.8 ^{2/}

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2024-U082502

DATE	TIME*	RESULT (dB(A))				
		N3 : หมู่บ้านท่าอากาศยานสุวรรณภูมิ				
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 29, 2024 TZ24AUI42-0005	DAY TIME ^{1/}					
	11:00-12:00 HOUR	53.6 ^{2/}	52.2 ^{2/}	48.1 ^{2/}	51.4 ^{2/}	<0.8 ^{2/}
	12:00-13:00 HOUR	51.6 ^{2/}	50.8 ^{2/}	43.6 ^{2/}	50.4 ^{2/}	<0.8 ^{2/}
	13:00-14:00 HOUR	51.5 ^{2/}	50.5 ^{2/}	44.5 ^{2/}	49.5 ^{2/}	<0.8 ^{2/}
	14:00-15:00 HOUR	49.9 ^{2/}	47.4 ^{2/}	43.8 ^{2/}	46.0 ^{2/}	<0.8 ^{2/}
	15:00-16:00 HOUR	47.5 ^{2/}	46.4 ^{2/}	40.9 ^{2/}	44.9 ^{2/}	<0.8 ^{2/}
	16:00-17:00 HOUR	50.1 ^{2/}	49.3 ^{2/}	42.3 ^{2/}	48.7 ^{2/}	<0.8 ^{2/}
	17:00-18:00 HOUR	51.4 ^{2/}	50.6 ^{2/}	43.6 ^{2/}	49.8 ^{2/}	<0.8 ^{2/}
	18:00-19:00 HOUR	49.9 ^{2/}	49.1 ^{2/}	42.3 ^{2/}	48.1 ^{2/}	<0.8 ^{2/}
	19:00-20:00 HOUR	47.1 ^{2/}	40.3 ^{2/}	46.1 ^{2/}	38.4 ^{2/}	7.7
	20:00-21:00 HOUR	48.5 ^{2/}	47.9 ^{2/}	39.5 ^{2/}	45.7 ^{2/}	<0.8 ^{2/}
	21:00-22:00 HOUR	50.5 ^{2/}	49.3 ^{2/}	44.4 ^{2/}	45.2 ^{2/}	<0.8 ^{2/}
	NIGHT TIME ^{2/}					
	22:00-22:05 HOUR	51.9 ^{2/}	49.9 ^{2/}	50.7 ^{2/}	44.6 ^{2/}	6.1
	22:05-22:10 HOUR	50.7 ^{2/}	49.9 ^{2/}	46.3 ^{2/}	44.6 ^{2/}	1.7
	22:10-22:15 HOUR	50.7 ^{2/}	49.9 ^{2/}	45.9 ^{2/}	44.6 ^{2/}	1.3
	22:15-22:20 HOUR	49.3 ^{2/}	46.4 ^{2/}	49.2 ^{2/}	45.2 ^{2/}	4.0
	22:20-22:25 HOUR	48.0 ^{2/}	46.4 ^{2/}	45.8 ^{2/}	45.2 ^{2/}	<0.8 ^{2/}
	22:25-22:30 HOUR	46.6 ^{2/}	46.4 ^{2/}	37.7 ^{2/}	45.2 ^{2/}	<0.8 ^{2/}
	22:30-22:35 HOUR	46.6 ^{2/}	46.4 ^{2/}	36.1 ^{2/}	45.7 ^{2/}	<0.8 ^{2/}
	22:35-22:40 HOUR	48.0 ^{2/}	46.4 ^{2/}	46.0 ^{2/}	45.7 ^{2/}	<0.8 ^{2/}
	22:40-22:45 HOUR	48.0 ^{2/}	46.4 ^{2/}	45.9 ^{2/}	45.7 ^{2/}	<0.8 ^{2/}
	22:45-22:50 HOUR	47.5 ^{2/}	46.0 ^{2/}	47.5 ^{2/}	45.6 ^{2/}	<0.8 ^{2/}
	22:50-22:55 HOUR	47.8 ^{2/}	46.0 ^{2/}	46.1 ^{2/}	45.6 ^{2/}	<0.8 ^{2/}
	22:55-23:00 HOUR	47.4 ^{2/}	46.0 ^{2/}	44.7 ^{2/}	45.6 ^{2/}	<0.8 ^{2/}
	23:00-23:05 HOUR	47.3 ^{2/}	48.3 ^{2/}	<0.8 ^{2/}	45.1 ^{2/}	<0.8 ^{2/}
	23:05-23:10 HOUR	46.9 ^{2/}	48.3 ^{2/}	<0.8 ^{2/}	45.1 ^{2/}	<0.8 ^{2/}
	23:10-23:15 HOUR	49.8 ^{2/}	48.3 ^{2/}	47.5 ^{2/}	45.1 ^{2/}	2.4
	23:15-23:20 HOUR	46.1 ^{2/}	45.1 ^{2/}	42.2 ^{2/}	44.6 ^{2/}	<0.8 ^{2/}
	23:20-23:25 HOUR	46.9 ^{2/}	45.1 ^{2/}	45.2 ^{2/}	44.6 ^{2/}	<0.8 ^{2/}
	23:25-23:30 HOUR	48.0 ^{2/}	45.1 ^{2/}	47.8 ^{2/}	44.6 ^{2/}	3.2
	23:30-23:35 HOUR	46.7 ^{2/}	45.6 ^{2/}	43.2 ^{2/}	45.2 ^{2/}	<0.8 ^{2/}
	23:35-23:40 HOUR	45.8 ^{2/}	45.6 ^{2/}	32.7 ^{2/}	45.2 ^{2/}	<0.8 ^{2/}
	23:40-23:45 HOUR	47.3 ^{2/}	45.6 ^{2/}	45.3 ^{2/}	45.2 ^{2/}	<0.8 ^{2/}
	23:45-23:50 HOUR	47.3 ^{2/}	46.3 ^{2/}	43.4 ^{2/}	45.7 ^{2/}	<0.8 ^{2/}
	23:50-23:55 HOUR	47.3 ^{2/}	46.3 ^{2/}	43.2 ^{2/}	45.7 ^{2/}	<0.8 ^{2/}
	23:55-00:00 HOUR	47.1 ^{2/}	46.3 ^{2/}	42.4 ^{2/}	45.7 ^{2/}	<0.8 ^{2/}
AUGUST 30, 2024 TZ24AUI42-0005	NIGHT TIME ^{2/}					
	00:00-00:05 HOUR	45.7 ^{2/}	45.5 ^{2/}	34.7 ^{2/}	45.0 ^{2/}	<0.8 ^{2/}
	00:05-00:10 HOUR	46.5 ^{2/}	45.5 ^{2/}	42.6 ^{2/}	45.0 ^{2/}	<0.8 ^{2/}
	00:10-00:15 HOUR	46.8 ^{2/}	45.5 ^{2/}	43.8 ^{2/}	45.0 ^{2/}	<0.8 ^{2/}
	00:15-00:20 HOUR	46.7 ^{2/}	46.1 ^{2/}	40.9 ^{2/}	45.4 ^{2/}	<0.8 ^{2/}
	00:20-00:25 HOUR	48.1 ^{2/}	46.1 ^{2/}	46.6 ^{2/}	45.4 ^{2/}	1.2
	00:25-00:30 HOUR	46.9 ^{2/}	46.1 ^{2/}	42.2 ^{2/}	45.4 ^{2/}	<0.8 ^{2/}
	00:30-00:35 HOUR	45.8 ^{2/}	47.9 ^{2/}	<0.8 ^{2/}	45.5 ^{2/}	<0.8 ^{2/}
	00:35-00:40 HOUR	49.4 ^{2/}	47.9 ^{2/}	47.2 ^{2/}	45.5 ^{2/}	1.7
	DAY TIME ^{1/}					

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2024-U082502



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UNITED ANALYST AND ENGINEERING
CONSULTANT COMPANY LIMITED

DATE	TIME*	RESULT (dB(A))				
		N3 : หน่วยข้อมูลตามมาตรฐาน				
		SPECIFIC SOUND LEVEL	RESTDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 30, 2024 T24AU142-0005	NIGHT TIME 2/					
	00:40-00:45 HOUR	49.6 2/	47.9 ***	47.7 2/	45.5 ***	2.2
	00:45-00:50 HOUR	47.2 2/	46.4 ***	42.1 2/	45.5 ***	<0.8 2/
	00:50-00:55 HOUR	46.5 2/	46.4 ***	30.3 2/	45.5 ***	<0.8 2/
	00:55-01:00 HOUR	47.3 2/	46.4 ***	43.0 2/	45.5 ***	<0.8 2/
	01:00-01:05 HOUR	48.0 2/	45.1 ***	47.9 2/	44.6 ***	3.3
	01:05-01:10 HOUR	46.6 2/	45.1 ***	44.3 2/	44.6 ***	<0.8 2/
	01:10-01:15 HOUR	46.6 2/	45.1 ***	44.3 2/	44.6 ***	<0.8 2/
	01:15-01:20 HOUR	47.1 2/	45.7 ***	44.5 2/	45.2 ***	<0.8 2/
	01:20-01:25 HOUR	47.4 2/	45.7 ***	45.5 2/	45.2 ***	<0.8 2/
	01:25-01:30 HOUR	47.7 2/	45.7 ***	46.4 2/	45.2 ***	1.2
	01:30-01:35 HOUR	47.0 2/	46.7 ***	38.1 2/	45.5 ***	<0.8 2/
	01:35-01:40 HOUR	47.9 2/	46.7 ***	47.9 2/	45.5 ***	2.4
	01:40-01:45 HOUR	48.4 2/	46.7 ***	46.5 2/	45.5 ***	1.0
	01:45-01:50 HOUR	47.1 2/	46.1 ***	43.2 2/	45.5 ***	<0.8 2/
	01:50-01:55 HOUR	47.5 2/	46.1 ***	44.9 2/	45.5 ***	<0.8 2/
	01:55-02:00 HOUR	46.5 2/	46.1 ***	39.1 2/	45.5 ***	<0.8 2/
	02:00-02:05 HOUR	46.7 2/	45.7 ***	43.1 2/	45.2 ***	<0.8 2/
	02:05-02:10 HOUR	45.7 ***	45.7 ***	45.5 2/	45.2 ***	<0.8 2/
	02:10-02:15 HOUR	46.9 2/	45.7 ***	49.2 2/	45.2 ***	4.0
	02:15-02:20 HOUR	47.6 2/	46.1 ***	45.2 2/	45.5 ***	<0.8 2/
	02:20-02:25 HOUR	47.8 2/	46.1 ***	46.0 2/	45.5 ***	<0.8 2/
	02:25-02:30 HOUR	47.2 2/	46.1 ***	43.9 2/	45.5 ***	<0.8 2/
	02:30-02:35 HOUR	47.0 2/	46.0 ***	43.1 2/	45.5 ***	<0.8 2/
	02:35-02:40 HOUR	47.1 2/	46.0 ***	43.7 2/	45.5 ***	<0.8 2/
	02:40-02:45 HOUR	48.6 2/	46.0 ***	48.1 2/	45.5 ***	2.6
	02:45-02:50 HOUR	47.4 2/	46.7 ***	42.2 2/	45.9 ***	<0.8 2/
	02:50-02:55 HOUR	47.7 2/	46.7 ***	43.8 2/	45.9 ***	<0.8 2/
	02:55-03:00 HOUR	47.8 2/	46.7 ***	44.4 2/	45.9 ***	<0.8 2/
	03:00-03:05 HOUR	47.9 2/	47.7 ***	37.8 2/	46.8 ***	<0.8 2/
	03:05-03:10 HOUR	48.9 2/	47.7 ***	45.7 2/	46.8 ***	<0.8 2/
	03:10-03:15 HOUR	48.7 2/	47.7 ***	44.9 2/	46.8 ***	<0.8 2/
	03:15-03:20 HOUR	48.0 2/	47.4 ***	42.2 2/	47.0 ***	<0.8 2/
	03:20-03:25 HOUR	48.8 2/	47.4 ***	46.2 2/	47.0 ***	<0.8 2/
	03:25-03:30 HOUR	49.1 2/	47.4 ***	47.2 2/	47.0 ***	<0.8 2/
	03:30-03:35 HOUR	47.6 2/	47.4 ***	36.3 2/	46.7 ***	<0.8 2/
	03:35-03:40 HOUR	48.5 2/	47.4 ***	48.4 2/	46.7 ***	1.7
	03:40-03:45 HOUR	48.4 2/	47.4 ***	44.6 2/	46.7 ***	<0.8 2/
	03:45-03:50 HOUR	48.2 2/	46.6 ***	46.2 2/	46.1 ***	<0.8 2/
	03:50-03:55 HOUR	47.6 2/	46.6 ***	43.7 2/	46.1 ***	<0.8 2/
	03:55-04:00 HOUR	46.9 2/	46.6 ***	48.1 2/	46.1 ***	2.0
	04:00-04:05 HOUR	47.5 2/	46.4 ***	44.2 2/	45.7 ***	<0.8 2/
	04:05-04:10 HOUR	47.7 2/	46.4 ***	45.1 2/	45.7 ***	<0.8 2/
	04:10-04:15 HOUR	48.0 2/	46.4 ***	45.9 2/	45.7 ***	<0.8 2/
	04:15-04:20 HOUR	47.8 2/	47.2 ***	42.2 2/	46.6 ***	<0.8 2/

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UNITED ANALYST AND ENGINEERING
CONSULTANT COMPANY LIMITED

DATE	TIME*	RESULT (dB(A))				
		N3 : หน่วยข้อมูลตามมาตรฐาน				
		SPECIFIC SOUND LEVEL	RESTDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 30, 2024 T24AU142-0005	NIGHT TIME 2/					
	04:20-04:25 HOUR	49.0 2/	47.2 ***	47.3 2/	46.6 ***	<0.8 2/
	04:25-04:30 HOUR	50.1 2/	47.2 ***	50.0 2/	46.6 ***	3.4
	04:30-04:35 HOUR	41.0 2/	39.8 ***	37.9 2/	36.9 ***	1.0
	04:35-04:40 HOUR	41.7 2/	39.8 ***	40.2 2/	36.9 ***	3.3
	04:40-04:45 HOUR	43.7 2/	39.8 ***	44.5 2/	36.9 ***	7.6
	04:45-04:50 HOUR	45.9 2/	44.9 ***	41.8 2/	35.8 ***	6.0
	04:50-04:55 HOUR	46.0 2/	44.9 ***	42.5 2/	35.8 ***	6.7
	04:55-05:00 HOUR	38.4 2/	44.9 ***	<0.8 2/	35.8 ***	<0.8 2/
	05:00-05:05 HOUR	40.2 2/	39.0 ***	37.2 2/	34.3 ***	2.9
	05:05-05:10 HOUR	40.2 2/	39.0 ***	37.0 2/	34.3 ***	2.7
	05:10-05:15 HOUR	36.2 2/	39.0 ***	<0.8 2/	34.3 ***	<0.8 2/
	05:15-05:20 HOUR	42.1 2/	39.3 ***	41.8 2/	34.6 ***	7.2
	05:20-05:25 HOUR	40.2 2/	39.3 ***	35.9 2/	34.6 ***	1.3
	05:25-05:30 HOUR	40.8 2/	39.3 ***	38.5 2/	34.6 ***	3.9
	05:30-05:35 HOUR	42.2 2/	41.3 ***	38.1 2/	38.6 ***	<0.8 2/
	05:35-05:40 HOUR	46.0 2/	41.3 ***	47.2 2/	38.6 ***	8.6
	05:40-05:45 HOUR	40.4 2/	41.3 ***	<0.8 2/	38.6 ***	<0.8 2/
	05:45-05:50 HOUR	42.8 2/	39.0 ***	43.4 2/	36.1 ***	7.3
	05:50-05:55 HOUR	40.6 2/	39.0 ***	38.5 2/	36.1 ***	2.4
	05:55-06:00 HOUR	39.6 2/	39.0 ***	<0.8 2/	36.1 ***	<0.8 2/
	DAY TIME 1/					
	06:00-07:00 HOUR	46.1 2/	42.6 ***	43.5 2/	41.8 ***	1.7
AUGUST 30, 2024 T24AU142-0006	DAY TIME 4/					
	07:00-08:00 HOUR	53.0 2/	51.6 ***	47.5 2/	51.1 ***	<0.8 2/
	08:00-09:00 HOUR	52.1 2/	51.1 ***	45.1 2/	50.4 ***	<0.8 2/
	09:00-10:00 HOUR	50.6 2/	49.7 ***	43.5 2/	49.1 ***	<0.8 2/
	10:00-11:00 HOUR	52.0 2/	51.2 ***	44.4 2/	50.5 ***	<0.8 2/
	11:00-12:00 HOUR	53.2 2/	52.4 ***	47.8 2/	51.8 ***	<0.8 2/
	12:00-13:00 HOUR	51.9 2/	51.1 ***	44.1 2/	50.7 ***	<0.8 2/
	13:00-14:00 HOUR	51.8 2/	50.7 ***	45.2 2/	50.0 ***	<0.8 2/
	14:00-15:00 HOUR	49.0 2/	48.8 ***	34.7 2/	47.5 ***	<0.8 2/
	15:00-16:00 HOUR	47.8 2/	47.0 ***	40.1 2/	45.4 ***	<0.8 2/
	16:00-17:00 HOUR	50.4 2/	50.2 ***	35.8 2/	49.6 ***	<0.8 2/
	17:00-18:00 HOUR	51.8 2/	51.2 ***	43.2 2/	50.5 ***	<0.8 2/
	18:00-19:00 HOUR	50.2 2/	48.1 ***	46.0 2/	46.5 ***	<0.8 2/
	19:00-20:00 HOUR	49.1 2/	42.1 ***	48.1 2/	39.6 ***	8.5
	20:00-21:00 HOUR	49.7 2/	47.9 ***	45.0 2/	47.0 ***	<0.8 2/
	21:00-22:00 HOUR	50.6 2/	50.4 ***	37.3 2/	46.4 ***	<0.8 2/
	NIGHT TIME 2/					
	22:00-22:05 HOUR	50.5 2/	47.9 ***	50.1 2/	44.0 ***	6.1
	22:05-22:10 HOUR	50.8 2/	47.9 ***	50.6 2/	44.0 ***	6.6
	22:10-22:15 HOUR	50.1 2/	47.9 ***	48.9 2/	44.0 ***	4.9
	22:15-22:20 HOUR	47.2 2/	45.4 ***	45.8 2/	45.0 ***	1.8
	22:20-22:25 HOUR	47.8 2/	45.4 ***	47.2 2/	45.0 ***	2.2
	22:25-22:30 HOUR	46.7 2/	45.4 ***	43.8 2/	45.0 ***	<0.8 2/

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DATE	TIME*	RESULT (dB(A))				
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 30, 2024 T24AU142-0006	NIGHT TIME 2/					
	22:30-22:35 HOUR	47.1 ^{2/}	46.5 ^{***}	41.4 ^{2/}	45.8 ^{***}	<0.8 ^{2/}
	22:35-22:40 HOUR	47.8 ^{2/}	46.5 ^{***}	44.9 ^{2/}	45.8 ^{***}	<0.8 ^{2/}
	22:40-22:45 HOUR	48.1 ^{2/}	46.5 ^{***}	45.9 ^{2/}	45.8 ^{***}	<0.8 ^{2/}
	22:45-22:50 HOUR	47.6 ^{2/}	46.1 ^{***}	45.4 ^{2/}	45.5 ^{***}	<0.8 ^{2/}
	22:50-22:55 HOUR	46.5 ^{2/}	46.1 ^{***}	39.1 ^{2/}	45.5 ^{***}	<0.8 ^{2/}
	22:55-23:00 HOUR	47.3 ^{2/}	46.1 ^{***}	44.1 ^{2/}	45.5 ^{***}	<0.8 ^{2/}
	23:00-23:05 HOUR	47.3 ^{2/}	48.1 ^{***}	<0.8 ^{2/}	44.9 ^{***}	<0.8 ^{2/}
	23:05-23:10 HOUR	50.0 ^{2/}	48.1 ^{***}	48.5 ^{2/}	44.9 ^{***}	3.6
	23:10-23:15 HOUR	46.2 ^{2/}	48.1 ^{***}	<0.8 ^{2/}	44.9 ^{***}	<0.8 ^{2/}
	23:15-23:20 HOUR	46.9 ^{2/}	45.2 ^{***}	44.9 ^{2/}	44.8 ^{***}	<0.8 ^{2/}
	23:20-23:25 HOUR	49.1 ^{2/}	45.2 ^{***}	49.7 ^{2/}	44.8 ^{***}	4.9
	23:25-23:30 HOUR	47.0 ^{2/}	45.2 ^{***}	45.4 ^{2/}	44.8 ^{***}	<0.8 ^{2/}
	23:30-23:35 HOUR	45.4 ^{2/}	46.3 ^{***}	<0.8 ^{2/}	45.5 ^{***}	<0.8 ^{2/}
	23:35-23:40 HOUR	48.1 ^{2/}	46.3 ^{***}	46.4 ^{2/}	45.5 ^{***}	0.9
	23:40-23:45 HOUR	48.9 ^{2/}	46.3 ^{***}	48.4 ^{2/}	45.5 ^{***}	2.9
	23:45-23:50 HOUR	46.7 ^{2/}	45.4 ^{***}	43.7 ^{2/}	44.9 ^{***}	<0.8 ^{2/}
	23:50-23:55 HOUR	46.8 ^{2/}	45.4 ^{***}	44.2 ^{2/}	44.9 ^{***}	<0.8 ^{2/}
	23:55-00:00 HOUR	46.4 ^{2/}	45.4 ^{***}	42.5 ^{2/}	44.9 ^{***}	<0.8 ^{2/}
	NIGHT TIME 2/					
	00:00-00:05 HOUR	47.0 ^{2/}	44.5 ^{***}	46.4 ^{2/}	44.1 ^{***}	2.3
	00:05-00:10 HOUR	46.1 ^{2/}	44.5 ^{***}	43.8 ^{2/}	44.1 ^{***}	<0.8 ^{2/}
	00:10-00:15 HOUR	45.7 ^{2/}	44.5 ^{***}	42.6 ^{2/}	44.1 ^{***}	<0.8 ^{2/}
	00:15-00:20 HOUR	47.8 ^{2/}	45.6 ^{***}	46.7 ^{2/}	44.9 ^{***}	1.8
	00:20-00:25 HOUR	47.5 ^{2/}	45.6 ^{***}	46.0 ^{2/}	44.9 ^{***}	1.1
	00:25-00:30 HOUR	45.7 ^{2/}	45.6 ^{***}	24.3 ^{2/}	44.9 ^{***}	<0.8 ^{2/}
	00:30-00:35 HOUR	49.8 ^{2/}	46.5 ^{***}	50.1 ^{2/}	45.8 ^{***}	4.3
	00:35-00:40 HOUR	49.1 ^{2/}	46.5 ^{***}	48.6 ^{2/}	45.8 ^{***}	2.8
	00:40-00:45 HOUR	48.3 ^{2/}	46.6 ^{***}	46.6 ^{2/}	45.8 ^{***}	0.8
	00:45-00:50 HOUR	46.1 ^{2/}	45.4 ^{***}	40.5 ^{2/}	44.5 ^{***}	<0.8 ^{2/}
	00:50-00:55 HOUR	46.8 ^{2/}	45.4 ^{***}	44.2 ^{2/}	44.5 ^{***}	<0.8 ^{2/}
	00:55-01:00 HOUR	47.3 ^{2/}	45.4 ^{***}	45.9 ^{2/}	44.5 ^{***}	1.4
	01:00-01:05 HOUR	46.3 ^{2/}	45.2 ^{***}	42.8 ^{2/}	44.7 ^{***}	<0.8 ^{2/}
	01:05-01:10 HOUR	46.5 ^{2/}	45.2 ^{***}	43.6 ^{2/}	44.7 ^{***}	<0.8 ^{2/}
	01:10-01:15 HOUR	46.7 ^{2/}	45.2 ^{***}	44.3 ^{2/}	44.7 ^{***}	<0.8 ^{2/}
	01:15-01:20 HOUR	46.7 ^{2/}	45.6 ^{***}	43.2 ^{2/}	45.0 ^{***}	<0.8 ^{2/}
	01:20-01:25 HOUR	48.5 ^{2/}	45.6 ^{***}	48.4 ^{2/}	45.0 ^{***}	3.4
	01:25-01:30 HOUR	46.4 ^{2/}	45.6 ^{***}	41.7 ^{2/}	45.0 ^{***}	<0.8 ^{2/}
	01:30-01:35 HOUR	47.8 ^{2/}	47.7 ^{***}	34.4 ^{2/}	46.6 ^{***}	<0.8 ^{2/}
	01:35-01:40 HOUR	49.5 ^{2/}	47.7 ^{***}	47.8 ^{2/}	46.6 ^{***}	1.2
	01:40-01:45 HOUR	47.8 ^{2/}	47.7 ^{***}	34.3 ^{2/}	46.6 ^{***}	<0.8 ^{2/}
	01:45-01:50 HOUR	48.9 ^{2/}	45.5 ^{***}	49.3 ^{2/}	45.0 ^{***}	4.3
	01:50-01:55 HOUR	45.8 ^{2/}	45.5 ^{***}	37.2 ^{2/}	45.0 ^{***}	<0.8 ^{2/}
	01:55-02:00 HOUR	45.8 ^{2/}	45.5 ^{***}	37.1 ^{2/}	45.0 ^{***}	<0.8 ^{2/}
	02:00-02:05 HOUR	47.3 ^{2/}	46.8 ^{***}	40.5 ^{2/}	46.2 ^{***}	<0.8 ^{2/}

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DATE	TIME*	RESULT (dB(A))				
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 31, 2024 T24AU142-0006	NIGHT TIME 2/					
	02:05-02:10 HOUR	48.2 ^{2/}	46.8 ^{***}	45.8 ^{2/}	46.2 ^{***}	<0.8 ^{2/}
	02:10-02:15 HOUR	47.6 ^{2/}	46.8 ^{***}	42.8 ^{2/}	46.2 ^{***}	<0.8 ^{2/}
	02:15-02:20 HOUR	46.6 ^{2/}	46.0 ^{***}	40.7 ^{2/}	45.5 ^{***}	<0.8 ^{2/}
	02:20-02:25 HOUR	47.0 ^{2/}	46.0 ^{***}	43.3 ^{2/}	45.5 ^{***}	<0.8 ^{2/}
	02:25-02:30 HOUR	46.2 ^{2/}	46.0 ^{***}	35.2 ^{2/}	45.5 ^{***}	<0.8 ^{2/}
	02:30-02:35 HOUR	47.0 ^{2/}	46.3 ^{***}	41.7 ^{2/}	45.8 ^{***}	<0.8 ^{2/}
	02:35-02:40 HOUR	48.1 ^{2/}	46.3 ^{***}	46.3 ^{2/}	45.8 ^{***}	<0.8 ^{2/}
	02:40-02:45 HOUR	46.8 ^{2/}	46.3 ^{***}	40.0 ^{2/}	45.8 ^{***}	<0.8 ^{2/}
	02:45-02:50 HOUR	47.6 ^{2/}	47.5 ^{***}	32.3 ^{2/}	47.0 ^{***}	<0.8 ^{2/}
	02:50-02:55 HOUR	47.7 ^{2/}	47.5 ^{***}	37.2 ^{2/}	47.0 ^{***}	<0.8 ^{2/}
	02:55-03:00 HOUR	48.7 ^{2/}	47.5 ^{***}	45.6 ^{2/}	47.0 ^{***}	<0.8 ^{2/}
	03:00-03:05 HOUR	48.2 ^{2/}	48.8 ^{***}	<0.8 ^{2/}	48.4 ^{***}	<0.8 ^{2/}
	03:05-03:10 HOUR	49.4 ^{2/}	48.8 ^{***}	43.6 ^{2/}	48.4 ^{***}	<0.8 ^{2/}
	03:10-03:15 HOUR	49.0 ^{2/}	48.8 ^{***}	38.5 ^{2/}	48.4 ^{***}	<0.8 ^{2/}
	03:15-03:20 HOUR	49.2 ^{2/}	49.1 ^{***}	35.8 ^{2/}	48.7 ^{***}	<0.8 ^{2/}
	03:20-03:25 HOUR	49.5 ^{2/}	49.1 ^{***}	42.0 ^{2/}	48.7 ^{***}	<0.8 ^{2/}
	03:25-03:30 HOUR	47.4 ^{2/}	49.1 ^{***}	<0.8 ^{2/}	48.7 ^{***}	<0.8 ^{2/}
	03:30-03:35 HOUR	49.6 ^{2/}	47.1 ^{***}	49.1 ^{2/}	46.6 ^{***}	2.5
	03:35-03:40 HOUR	46.7 ^{2/}	47.1 ^{***}	<0.8 ^{2/}	46.6 ^{***}	<0.8 ^{2/}
	03:40-03:45 HOUR	48.0 ^{2/}	47.1 ^{***}	43.8 ^{2/}	46.6 ^{***}	<0.8 ^{2/}
	03:45-03:50 HOUR	48.4 ^{2/}	47.5 ^{***}	44.1 ^{2/}	47.0 ^{***}	<0.8 ^{2/}
	03:50-03:55 HOUR	49.4 ^{2/}	47.5 ^{***}	48.0 ^{2/}	47.0 ^{***}	1.0
	03:55-04:00 HOUR	47.3 ^{2/}	47.5 ^{***}	<0.8 ^{2/}	47.0 ^{***}	<0.8 ^{2/}
	04:00-04:05 HOUR	47.4 ^{2/}	47.1 ^{***}	39.6 ^{2/}	46.4 ^{***}	<0.8 ^{2/}
	04:05-04:10 HOUR	47.5 ^{2/}	47.1 ^{***}	39.9 ^{2/}	46.4 ^{***}	<0.8 ^{2/}
	04:10-04:15 HOUR	47.9 ^{2/}	47.1 ^{***}	43.4 ^{2/}	46.4 ^{***}	<0.8 ^{2/}
	04:15-04:20 HOUR	49.2 ^{2/}	49.1 ^{***}	35.7 ^{2/}	48.5 ^{***}	<0.8 ^{2/}
	04:20-04:25 HOUR	50.6 ^{2/}	49.1 ^{***}	48.4 ^{2/}	48.5 ^{***}	<0.8 ^{2/}
	04:25-04:30 HOUR	39.8 ^{2/}	49.1 ^{***}	<0.8 ^{2/}	48.5 ^{***}	<0.8 ^{2/}
	04:30-04:35 HOUR	42.8 ^{2/}	42.2 ^{***}	36.9 ^{2/}	36.9 ^{***}	<0.8 ^{2/}
	04:35-04:40 HOUR	42.2 ^{2/}	42.2 ^{***}	<0.8 ^{2/}	36.9 ^{***}	<0.8 ^{2/}
	04:40-04:45 HOUR	44.9 ^{2/}	42.2 ^{***}	44.5 ^{2/}	36.9 ^{***}	7.6
	04:45-04:50 HOUR	42.5 ^{2/}	38.0 ^{***}	43.6 ^{2/}	35.8 ^{***}	7.8
	04:50-04:55 HOUR	38.7 ^{2/}	38.0 ^{***}	33.4 ^{2/}	35.8 ^{***}	<0.8 ^{2/}
	04:55-05:00 HOUR	41.3 ^{2/}	38.0 ^{***}	41.6 ^{2/}	35.8 ^{***}	5.8
	05:00-05:05 HOUR	40.7 ^{2/}	39.7 ^{***}	36.8 ^{2/}	35.0 ^{***}	1.8
	05:05-05:10 HOUR	40.5 ^{2/}	39.7 ^{***}	36.1 ^{2/}	35.0 ^{***}	1.1
	05:10-05:15 HOUR	42.4 ^{2/}	39.7 ^{***}	42.1 ^{2/}	35.0 ^{***}	7.1
	05:15-05:20 HOUR	41.7 ^{2/}	40.8 ^{***}	37.4 ^{2/}	35.8 ^{***}	1.6
	05:20-05:25 HOUR	41.4 ^{2/}	40.8 ^{***}	35.6 ^{2/}	35.8 ^{***}	<0.8 ^{2/}
	05:25-05:30 HOUR	40.9 ^{2/}	40.8 ^{***}	27.5 ^{2/}	35.8 ^{***}	<0.8 ^{2/}
	05:30-05:35 HOUR	45.4 ^{2/}	42.0 ^{***}	45.8 ^{2/}	39.3 ^{***}	6.5
	05:35-05:40 HOUR	42.7 ^{2/}	42.0 ^{***}	37.4 ^{2/}	39.3 ^{***}	<0.8 ^{2/}
	05:40-05:45 HOUR	43.1 ^{2/}	42.0 ^{***}	39.5 ^{2/}	39.3 ^{***}	<0.8 ^{2/}

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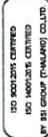
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3 Soi Udomsuk 41, Sukhumvit Road, Bangkok, Phrakhanong, Bangkok 10260
Tel: 0 2763 2828 Fax: 0 2763 2800 www.uaeconsultant.com E-mail: uaec@uaeconsultant.com

DATE	TIME*	RESULT (dB(A))			
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 31, 2024 T24AU142-0006	NIGHT TIME ^{2/} 05:45-05:50 HOUR	40.2 ^{2/}	39.4 ^{2/}	35.8 ^{2/}	<0.8 ^{2/}
	05:50-05:55 HOUR	39.6 ^{2/}	39.4 ^{2/}	29.1 ^{2/}	<0.8 ^{2/}
	05:55-06:00 HOUR	41.6 ^{2/}	39.4 ^{2/}	40.6 ^{2/}	4.9
	DAY TIME ^{1/} 06:00-07:00 HOUR	46.6 ^{1/}	45.9 ^{1/}	38.6 ^{1/}	<0.8 ^{1/}

REMARK : 1/ CASE 1 CALCULATION (DURING 06:00 TO 22:00 HOUR) : SPECIFIC SOUND LEVEL CONTINUOUSLY OCCUR AT LEAST 1 HOUR,
MEASURING AS L_{eq} 1 hour.
2/ CASE 4 CALCULATION (DURING 22:00 TO 06:00 HOUR) : SPECIFIC SOUND LEVEL OCCUR IN RESTRIAL AREA OR NIGHT TIME,
MEASURING AS L_{eq} 5 minutes.
3/ THERE IS NO IMPACT CAUSE ANNOYANCE SOUND LEVEL
PERCENTILE LEVEL 90 (L₉₀) IS THE MIDDLE VALUE OF 11 TIMES MEASURING.
(55 MINUTES MEASURING DURING 06:00 TO 22:00 HOUR)
AND RESIDUAL SOUND LEVEL (L_{eq} 5 minutes) IS CHOSEN AT THE SAME TIME AS PERCENTILE LEVEL 90 ABOVE.
*** PERCENTILE LEVEL 90 (L₉₀) IS THE MIDDLE VALUE OF 3 TIMES MEASURING.
(15 MINUTES MEASURING DURING 22:00 TO 06:00 HOUR)
AND RESIDUAL SOUND LEVEL (L_{eq} 5 minutes) IS CHOSEN AT THE SAME TIME AS PERCENTILE LEVEL 90 ABOVE.



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2024-U082502

- End of Analysis Report -



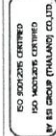
United Analyst and Engineering Consultant Co., Ltd.
3 Soi Udomsuk 41, Sukhumvit Road, Bangkok, Phrakhanong, Bangkok 10260
Tel: 0 2763 2828 Fax: 0 2763 2800 www.uaeconsultant.com E-mail: uaec@uaeconsultant.com

ANALYSIS REPORT

PROJECT NAME : โครงการพัฒนาระบบโครงสร้างพื้นฐานและระบบสาธารณูปโภค
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAI NAWA SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : jtatip.p@apicollc.com
MEASURING PLACE : N4 : วัดบ้านไร่
MEASURING TYPE : AMBIENT (ANNOYANCE NOISE)
MEASURING DATE : AUGUST 28-31, 2024
MEASURING TIME : *
MEASURING EQUIPMENT : INTEGRATED SOUND LEVEL METER AND
CALCULATION
MEASURED BY : MR JUMPON SUANPET
WORK NO. : 2023-007683
ANALYSIS NO. : T24AU142-0007 - T24AU142-0009

RECEIVED DATE : AUGUST 28-31, 2024
ANALYTICAL DATE : AUGUST 28-31, 2024
ISSUE DATE : SEPTEMBER 6, 2024
REPORT NO. : 2024-U082503

DATE	TIME*	RESULT (dB(A))			
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 28, 2024 T24AU142-0007	DAY TIME ^{1/} 07:00-08:00 HOUR	52.9 ^{1/}	50.9 ^{1/}	48.6 ^{1/}	1.8
	08:00-09:00 HOUR	49.6 ^{1/}	48.1 ^{1/}	44.2 ^{1/}	<0.8 ^{1/}
	09:00-10:00 HOUR	47.7 ^{1/}	45.0 ^{1/}	44.3 ^{1/}	40.8 ^{1/}
	10:00-11:00 HOUR	47.9 ^{1/}	46.9 ^{1/}	41.2 ^{1/}	38.2 ^{1/}
	11:00-12:00 HOUR	46.5 ^{1/}	44.4 ^{1/}	42.3 ^{1/}	38.3 ^{1/}
	12:00-13:00 HOUR	46.8 ^{1/}	46.6 ^{1/}	33.5 ^{1/}	40.8 ^{1/}
	13:00-14:00 HOUR	47.9 ^{1/}	46.8 ^{1/}	41.4 ^{1/}	44.5 ^{1/}
	14:00-15:00 HOUR	47.4 ^{1/}	46.3 ^{1/}	41.0 ^{1/}	44.4 ^{1/}
	15:00-16:00 HOUR	47.0 ^{1/}	47.1 ^{1/}	<0.8 ^{1/}	43.3 ^{1/}
	16:00-17:00 HOUR	47.4 ^{1/}	46.1 ^{1/}	41.6 ^{1/}	44.1 ^{1/}
	17:00-18:00 HOUR	46.9 ^{1/}	45.4 ^{1/}	41.6 ^{1/}	43.6 ^{1/}
	18:00-19:00 HOUR	51.8 ^{1/}	45.7 ^{1/}	50.6 ^{1/}	44.7 ^{1/}
	19:00-20:00 HOUR	51.9 ^{1/}	51.1 ^{1/}	43.9 ^{1/}	50.1 ^{1/}
	20:00-21:00 HOUR	51.2 ^{1/}	49.6 ^{1/}	46.0 ^{1/}	48.9 ^{1/}
	21:00-22:00 HOUR	48.5 ^{1/}	47.0 ^{1/}	43.1 ^{1/}	46.3 ^{1/}
	NIGHT TIME ^{2/} 22:00-22:05 HOUR	48.1 ^{2/}	46.5 ^{2/}	45.9 ^{2/}	<0.8 ^{2/}
	22:05-22:10 HOUR	48.8 ^{2/}	46.5 ^{2/}	48.1 ^{2/}	45.3 ^{2/}
	22:10-22:15 HOUR	47.8 ^{2/}	46.5 ^{2/}	44.9 ^{2/}	45.3 ^{2/}
	22:15-22:20 HOUR	47.5 ^{2/}	46.4 ^{2/}	44.0 ^{2/}	45.3 ^{2/}
	22:20-22:25 HOUR	47.8 ^{2/}	46.4 ^{2/}	45.1 ^{2/}	45.3 ^{2/}
	22:25-22:30 HOUR	47.6 ^{2/}	46.4 ^{2/}	44.4 ^{2/}	45.3 ^{2/}
	22:30-22:35 HOUR	48.0 ^{2/}	46.7 ^{2/}	45.2 ^{2/}	<0.8 ^{2/}
	22:35-22:40 HOUR	48.6 ^{2/}	46.7 ^{2/}	47.3 ^{2/}	45.7 ^{2/}
	22:40-22:45 HOUR	48.3 ^{2/}	46.7 ^{2/}	46.1 ^{2/}	45.7 ^{2/}
	22:45-22:50 HOUR	48.4 ^{2/}	47.3 ^{2/}	44.9 ^{2/}	46.3 ^{2/}
	22:50-22:55 HOUR	48.9 ^{2/}	47.3 ^{2/}	46.8 ^{2/}	46.3 ^{2/}
	22:55-23:00 HOUR	48.6 ^{2/}	47.3 ^{2/}	45.9 ^{2/}	46.3 ^{2/}
	23:00-23:05 HOUR	48.7 ^{2/}	47.6 ^{2/}	45.0 ^{2/}	46.3 ^{2/}
	23:05-23:10 HOUR	48.7 ^{2/}	47.6 ^{2/}	44.9 ^{2/}	46.3 ^{2/}
	23:10-23:15 HOUR	48.5 ^{2/}	47.6 ^{2/}	44.3 ^{2/}	46.3 ^{2/}



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DATE	TIME*	RESULT (dB(A)) M4 : 1m1h1m1u1a				
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 28, 2024 T24AU142-0007	NIGHT TIME ^{2/}					
	23:15-23:20 HOUR	48.7 ^{2/}	48.5 ^{***}	38.8 ^{2/}	47.7 ^{***}	<0.8 ^{2/}
	23:20-23:25 HOUR	49.4 ^{2/}	48.5 ^{***}	45.1 ^{2/}	47.7 ^{***}	<0.8 ^{2/}
	23:25-23:30 HOUR	49.3 ^{2/}	48.5 ^{***}	44.6 ^{2/}	47.7 ^{***}	<0.8 ^{2/}
	23:30-23:35 HOUR	49.0 ^{2/}	46.4 ^{***}	46.4 ^{2/}	45.4 ^{***}	3.0
	23:35-23:40 HOUR	47.2 ^{2/}	46.4 ^{***}	42.0 ^{2/}	45.4 ^{***}	<0.8 ^{2/}
	23:40-23:45 HOUR	47.3 ^{2/}	46.4 ^{***}	43.1 ^{2/}	45.4 ^{***}	<0.8 ^{2/}
	23:45-23:50 HOUR	47.0 ^{2/}	46.4 ^{***}	41.2 ^{2/}	45.3 ^{***}	<0.8 ^{2/}
	23:50-23:55 HOUR	47.8 ^{2/}	46.4 ^{***}	45.2 ^{2/}	45.3 ^{***}	<0.8 ^{2/}
	23:55-00:00 HOUR	48.8 ^{2/}	46.4 ^{***}	48.1 ^{2/}	45.3 ^{***}	2.8
	NIGHT TIME ^{2/}					
	00:00-00:05 HOUR	49.0 ^{2/}	48.4 ^{***}	43.3 ^{2/}	47.4 ^{***}	<0.8 ^{2/}
	00:05-00:10 HOUR	49.3 ^{2/}	48.4 ^{***}	45.0 ^{2/}	47.4 ^{***}	<0.8 ^{2/}
	00:10-00:15 HOUR	49.2 ^{2/}	48.4 ^{***}	44.4 ^{2/}	47.4 ^{***}	<0.8 ^{2/}
AUGUST 29, 2024 T24AU142-0007	00:15-00:20 HOUR	49.3 ^{2/}	48.2 ^{***}	45.6 ^{2/}	47.6 ^{***}	<0.8 ^{2/}
	00:20-00:25 HOUR	49.8 ^{2/}	48.2 ^{***}	47.7 ^{2/}	47.6 ^{***}	<0.8 ^{2/}
	00:25-00:30 HOUR	51.8 ^{2/}	48.2 ^{***}	52.4 ^{2/}	47.6 ^{***}	4.8
	00:30-00:35 HOUR	49.6 ^{2/}	48.3 ^{***}	46.6 ^{2/}	47.3 ^{***}	<0.8 ^{2/}
	00:35-00:40 HOUR	49.4 ^{2/}	48.3 ^{***}	46.5 ^{2/}	47.3 ^{***}	<0.8 ^{2/}
	00:40-00:45 HOUR	49.2 ^{2/}	48.2 ^{***}	45.3 ^{2/}	47.5 ^{***}	<0.8 ^{2/}
	00:45-00:50 HOUR	49.2 ^{2/}	48.2 ^{***}	47.4 ^{2/}	47.5 ^{***}	<0.8 ^{2/}
	00:50-00:55 HOUR	49.8 ^{2/}	48.2 ^{***}	47.7 ^{2/}	47.5 ^{***}	<0.8 ^{2/}
	00:55-01:00 HOUR	51.0 ^{2/}	49.0 ^{***}	49.5 ^{2/}	47.9 ^{***}	1.6
	01:00-01:05 HOUR	50.0 ^{2/}	49.0 ^{***}	46.2 ^{2/}	47.9 ^{***}	<0.8 ^{2/}
	01:05-01:10 HOUR	49.3 ^{2/}	49.0 ^{***}	40.0 ^{2/}	48.6 ^{***}	<0.8 ^{2/}
	01:10-01:15 HOUR	51.2 ^{2/}	50.4 ^{***}	46.4 ^{2/}	48.6 ^{***}	<0.8 ^{2/}
	01:15-01:20 HOUR	51.1 ^{2/}	50.4 ^{***}	46.2 ^{2/}	48.6 ^{***}	<0.8 ^{2/}
	01:20-01:25 HOUR	52.6 ^{2/}	51.3 ^{***}	50.1 ^{2/}	50.0 ^{***}	2.8
	01:25-01:30 HOUR	52.7 ^{2/}	51.3 ^{***}	49.7 ^{2/}	50.0 ^{***}	<0.8 ^{2/}
AUGUST 29, 2024 T24AU142-0008	01:30-01:35 HOUR	52.4 ^{2/}	51.3 ^{***}	50.3 ^{2/}	50.0 ^{***}	<0.8 ^{2/}
	01:35-01:40 HOUR	52.6 ^{2/}	51.3 ^{***}	49.7 ^{2/}	50.0 ^{***}	<0.8 ^{2/}
	01:40-01:45 HOUR	51.3 ^{2/}	49.1 ^{***}	50.3 ^{2/}	47.8 ^{***}	2.5
	01:45-01:50 HOUR	50.4 ^{2/}	49.1 ^{***}	47.5 ^{2/}	47.8 ^{***}	<0.8 ^{2/}
	01:50-01:55 HOUR	50.0 ^{2/}	49.1 ^{***}	45.7 ^{2/}	47.8 ^{***}	<0.8 ^{2/}
	01:55-02:00 HOUR	50.3 ^{2/}	50.0 ^{***}	41.8 ^{2/}	47.6 ^{***}	<0.8 ^{2/}
	02:00-02:05 HOUR	50.9 ^{2/}	50.0 ^{***}	46.6 ^{2/}	47.6 ^{***}	<0.8 ^{2/}
	02:05-02:10 HOUR	52.1 ^{2/}	50.0 ^{***}	51.0 ^{2/}	47.6 ^{***}	3.4
	02:10-02:15 HOUR	52.0 ^{2/}	50.9 ^{***}	48.3 ^{2/}	49.6 ^{***}	<0.8 ^{2/}
	02:15-02:20 HOUR	52.0 ^{2/}	50.9 ^{***}	48.3 ^{2/}	49.6 ^{***}	<0.8 ^{2/}
	02:20-02:25 HOUR	52.0 ^{2/}	50.9 ^{***}	48.7 ^{2/}	49.6 ^{***}	<0.8 ^{2/}
	02:25-02:30 HOUR	51.8 ^{2/}	50.9 ^{***}	47.5 ^{2/}	49.6 ^{***}	<0.8 ^{2/}
	02:30-02:35 HOUR	52.3 ^{2/}	51.4 ^{***}	48.0 ^{2/}	50.3 ^{***}	<0.8 ^{2/}
	02:35-02:40 HOUR	52.4 ^{2/}	51.4 ^{***}	48.6 ^{2/}	50.3 ^{***}	<0.8 ^{2/}
	02:40-02:45 HOUR	52.1 ^{2/}	51.4 ^{***}	46.9 ^{2/}	50.3 ^{***}	<0.8 ^{2/}
	02:45-02:50 HOUR	51.5 ^{2/}	50.3 ^{***}	48.2 ^{2/}	48.8 ^{***}	<0.8 ^{2/}

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2024-U082503

DATE	TIME*	RESULT (dB(A)) M4 : 1m1h1m1u1a				
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 29, 2024 T24AU142-0007	NIGHT TIME ^{2/}					
	02:50-02:55 HOUR	51.3 ^{2/}	50.3 ^{***}	47.4 ^{2/}	48.8 ^{***}	<0.8 ^{2/}
	02:55-03:00 HOUR	51.5 ^{2/}	50.3 ^{***}	48.3 ^{2/}	48.8 ^{***}	<0.8 ^{2/}
	03:00-03:05 HOUR	49.6 ^{2/}	47.2 ^{***}	48.3 ^{2/}	45.3 ^{***}	3.5
	03:05-03:10 HOUR	47.9 ^{2/}	47.2 ^{***}	42.6 ^{2/}	45.3 ^{***}	<0.8 ^{2/}
	03:10-03:15 HOUR	47.2 ^{2/}	47.2 ^{***}	26.2 ^{2/}	45.3 ^{***}	<0.8 ^{2/}
	03:15-03:20 HOUR	47.1 ^{2/}	45.8 ^{***}	44.3 ^{2/}	44.7 ^{***}	<0.8 ^{2/}
	03:20-03:25 HOUR	47.1 ^{2/}	45.8 ^{***}	44.2 ^{2/}	44.7 ^{***}	<0.8 ^{2/}
	03:25-03:30 HOUR	46.9 ^{2/}	45.8 ^{***}	43.5 ^{2/}	44.7 ^{***}	<0.8 ^{2/}
	03:30-03:35 HOUR	47.7 ^{2/}	46.0 ^{***}	45.8 ^{2/}	45.0 ^{***}	0.8
	03:35-03:40 HOUR	47.0 ^{2/}	46.0 ^{***}	43.2 ^{2/}	45.0 ^{***}	<0.8 ^{2/}
	03:40-03:45 HOUR	46.9 ^{2/}	46.0 ^{***}	42.6 ^{2/}	45.0 ^{***}	<0.8 ^{2/}
	03:45-03:50 HOUR	47.0 ^{2/}	47.8 ^{***}	<0.8 ^{2/}	46.2 ^{***}	<0.8 ^{2/}
	03:50-03:55 HOUR	48.6 ^{2/}	47.8 ^{***}	43.9 ^{2/}	46.2 ^{***}	<0.8 ^{2/}
AUGUST 29, 2024 T24AU142-0008	03:55-04:00 HOUR	48.4 ^{2/}	47.8 ^{***}	47.2 ^{2/}	46.2 ^{***}	1.0
	04:00-04:05 HOUR	48.6 ^{2/}	47.8 ^{***}	44.2 ^{2/}	46.7 ^{***}	<0.8 ^{2/}
	04:05-04:10 HOUR	48.3 ^{2/}	47.8 ^{***}	46.9 ^{2/}	46.7 ^{***}	<0.8 ^{2/}
	04:10-04:15 HOUR	48.2 ^{2/}	47.8 ^{***}	46.6 ^{2/}	46.7 ^{***}	<0.8 ^{2/}
	04:15-04:20 HOUR	48.4 ^{2/}	47.1 ^{***}	45.4 ^{2/}	46.1 ^{***}	<0.8 ^{2/}
	04:20-04:25 HOUR	48.0 ^{2/}	47.1 ^{***}	43.7 ^{2/}	46.1 ^{***}	<0.8 ^{2/}
	04:25-04:30 HOUR	48.3 ^{2/}	47.1 ^{***}	45.1 ^{2/}	46.1 ^{***}	<0.8 ^{2/}
	04:30-04:35 HOUR	47.8 ^{2/}	46.9 ^{***}	43.5 ^{2/}	46.0 ^{***}	<0.8 ^{2/}
	04:35-04:40 HOUR	47.9 ^{2/}	46.9 ^{***}	44.1 ^{2/}	46.0 ^{***}	<0.8 ^{2/}
	04:40-04:45 HOUR	48.7 ^{2/}	46.9 ^{***}	46.9 ^{2/}	46.0 ^{***}	0.9
	04:45-04:50 HOUR	48.5 ^{2/}	46.8 ^{***}	46.6 ^{2/}	45.7 ^{***}	0.9
	04:50-04:55 HOUR	48.2 ^{2/}	46.8 ^{***}	46.4 ^{2/}	45.7 ^{***}	2.7
	04:55-05:00 HOUR	48.4 ^{2/}	46.8 ^{***}	46.4 ^{2/}	45.7 ^{***}	<0.8 ^{2/}
	05:00-05:05 HOUR	48.1 ^{2/}	48.1 ^{***}	27.3 ^{2/}	46.6 ^{***}	<0.8 ^{2/}
	05:05-05:10 HOUR	48.7 ^{2/}	48.1 ^{***}	42.8 ^{2/}	46.6 ^{***}	<0.8 ^{2/}
AUGUST 29, 2024 T24AU142-0008	05:10-05:15 HOUR	49.0 ^{2/}	48.1 ^{***}	44.7 ^{2/}	46.6 ^{***}	<0.8 ^{2/}
	05:15-05:20 HOUR	51.7 ^{2/}	50.5 ^{***}	48.6 ^{2/}	47.5 ^{***}	1.1
	05:20-05:25 HOUR	51.3 ^{2/}	50.5 ^{***}	46.5 ^{2/}	47.5 ^{***}	<0.8 ^{2/}
	05:25-05:30 HOUR	50.1 ^{2/}	50.5 ^{***}	<0.8 ^{2/}	47.5 ^{***}	<0.8 ^{2/}
	05:30-05:35 HOUR	52.0 ^{2/}	50.6 ^{***}	49.4 ^{2/}	49.2 ^{***}	<0.8 ^{2/}
	05:35-05:40 HOUR	52.8 ^{2/}	50.6 ^{***}	51.9 ^{2/}	49.2 ^{***}	2.7
	05:40-05:45 HOUR	52.1 ^{2/}	50.6 ^{***}	49.9 ^{2/}	49.2 ^{***}	<0.8 ^{2/}
	05:45-05:50 HOUR	48.7 ^{2/}	48.0 ^{***}	43.5 ^{2/}	46.6 ^{***}	<0.8 ^{2/}
	05:50-05:55 HOUR	49.2 ^{2/}	48.0 ^{***}	45.9 ^{2/}	46.6 ^{***}	<0.8 ^{2/}
	05:55-06:00 HOUR	50.7 ^{2/}	48.0 ^{***}	50.4 ^{2/}	46.6 ^{***}	3.8
	DAY TIME ^{1/}					
	06:00-07:00 HOUR	48.5 ^{2/}	46.5 ^{***}	44.2 ^{2/}	45.4 ^{***}	<0.8 ^{2/}
	DAY TIME ^{1/}					
	07:00-08:00 HOUR	47.4 ^{2/}	45.5 ^{***}	42.8 ^{2/}	44.3 ^{***}	<0.8 ^{2/}
	08:00-09:00 HOUR	47.0 ^{2/}	45.3 ^{***}	42.1 ^{2/}	44.1 ^{***}	<0.8 ^{2/}
	09:00-10:00 HOUR	46.4 ^{2/}	45.0 ^{***}	40.9 ^{2/}	43.6 ^{***}	<0.8 ^{2/}
	10:00-11:00 HOUR	46.1 ^{2/}	44.4 ^{***}	41.3 ^{2/}	42.6 ^{***}	<0.8 ^{2/}

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2024-U082503



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UNITED ANALYST AND ENGINEERING CONSULTANT COMPANY LIMITED
CONSULTANT COMPANY LIMITED

DATE	TIME*	RESULT (dB(A)) N4 : ทั่วพื้นที่วัดค่าเสียง				
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 29, 2024 T24AU142-0008	DAY TIME ^{1/}					
	11:00-12:00 HOUR	46.4 ^{1/}	44.0 ^{1/}	42.7 ^{1/}	43.0 ^{1/}	<0.8 ^{1/}
	12:00-13:00 HOUR	45.1 ^{1/}	43.3 ^{1/}	40.5 ^{1/}	41.9 ^{1/}	<0.8 ^{1/}
	13:00-14:00 HOUR	44.9 ^{1/}	44.9 ^{1/}	38.7 ^{1/}	43.2 ^{1/}	<0.8 ^{1/}
	14:00-15:00 HOUR	45.7 ^{1/}	44.1 ^{1/}	40.6 ^{1/}	42.6 ^{1/}	<0.8 ^{1/}
	15:00-16:00 HOUR	45.8 ^{1/}	44.0 ^{1/}	41.0 ^{1/}	43.0 ^{1/}	<0.8 ^{1/}
	16:00-17:00 HOUR	48.3 ^{1/}	46.0 ^{1/}	44.5 ^{1/}	44.5 ^{1/}	<0.8 ^{1/}
	17:00-18:00 HOUR	46.4 ^{1/}	45.1 ^{1/}	40.5 ^{1/}	43.6 ^{1/}	<0.8 ^{1/}
	18:00-19:00 HOUR	46.6 ^{1/}	47.5 ^{1/}	<0.8 ^{1/}	44.0 ^{1/}	<0.8 ^{1/}
	19:00-20:00 HOUR	50.5 ^{1/}	49.2 ^{1/}	44.6 ^{1/}	48.6 ^{1/}	<0.8 ^{1/}
	20:00-21:00 HOUR	50.0 ^{1/}	48.9 ^{1/}	43.6 ^{1/}	48.2 ^{1/}	<0.8 ^{1/}
	21:00-22:00 HOUR	49.4 ^{1/}	48.5 ^{1/}	42.0 ^{1/}	47.5 ^{1/}	<0.8 ^{1/}
	NIGHT TIME ^{2/}					1.5
	22:00-22:05 HOUR	49.5 ^{2/}	47.5 ^{2/}	48.2 ^{2/}	46.7 ^{2/}	<0.8 ^{2/}
	22:05-22:10 HOUR	49.1 ^{2/}	47.5 ^{2/}	46.9 ^{2/}	46.7 ^{2/}	<0.8 ^{2/}
	22:10-22:15 HOUR	48.9 ^{2/}	47.5 ^{2/}	46.3 ^{2/}	46.7 ^{2/}	<0.8 ^{2/}
	22:15-22:20 HOUR	49.0 ^{2/}	47.5 ^{2/}	46.6 ^{2/}	46.6 ^{2/}	<0.8 ^{2/}
	22:20-22:25 HOUR	49.0 ^{2/}	47.5 ^{2/}	46.7 ^{2/}	46.6 ^{2/}	<0.8 ^{2/}
	22:25-22:30 HOUR	49.2 ^{2/}	47.5 ^{2/}	47.1 ^{2/}	46.6 ^{2/}	<0.8 ^{2/}
	22:30-22:35 HOUR	48.4 ^{2/}	46.7 ^{2/}	46.5 ^{2/}	45.7 ^{2/}	0.8
	22:35-22:40 HOUR	48.4 ^{2/}	46.7 ^{2/}	46.5 ^{2/}	45.7 ^{2/}	0.8
	22:40-22:45 HOUR	48.4 ^{2/}	46.7 ^{2/}	46.5 ^{2/}	45.7 ^{2/}	0.8
	22:45-22:50 HOUR	48.1 ^{2/}	47.0 ^{2/}	44.8 ^{2/}	46.0 ^{2/}	<0.8 ^{2/}
	22:50-22:55 HOUR	48.4 ^{2/}	47.0 ^{2/}	46.0 ^{2/}	46.0 ^{2/}	<0.8 ^{2/}
	22:55-23:00 HOUR	48.4 ^{2/}	47.0 ^{2/}	45.8 ^{2/}	46.0 ^{2/}	<0.8 ^{2/}
	23:00-23:05 HOUR	48.4 ^{2/}	46.9 ^{2/}	46.0 ^{2/}	45.6 ^{2/}	<0.8 ^{2/}
	23:05-23:10 HOUR	48.3 ^{2/}	46.9 ^{2/}	45.8 ^{2/}	45.6 ^{2/}	<0.8 ^{2/}
	23:10-23:15 HOUR	48.3 ^{2/}	46.9 ^{2/}	45.7 ^{2/}	45.6 ^{2/}	<0.8 ^{2/}
	23:15-23:20 HOUR	48.0 ^{2/}	47.3 ^{2/}	42.6 ^{2/}	46.1 ^{2/}	<0.8 ^{2/}
	23:20-23:25 HOUR	48.1 ^{2/}	47.3 ^{2/}	43.3 ^{2/}	46.1 ^{2/}	<0.8 ^{2/}
	23:25-23:30 HOUR	48.8 ^{2/}	47.3 ^{2/}	46.5 ^{2/}	46.1 ^{2/}	<0.8 ^{2/}
	23:30-23:35 HOUR	48.5 ^{2/}	46.2 ^{2/}	47.5 ^{2/}	45.0 ^{2/}	2.5
	23:35-23:40 HOUR	47.7 ^{2/}	46.2 ^{2/}	45.3 ^{2/}	45.0 ^{2/}	<0.8 ^{2/}
	23:40-23:45 HOUR	48.0 ^{2/}	46.2 ^{2/}	46.4 ^{2/}	45.0 ^{2/}	1.4
	23:45-23:50 HOUR	47.2 ^{2/}	45.1 ^{2/}	47.3 ^{2/}	44.1 ^{2/}	3.2
	23:50-23:55 HOUR	47.6 ^{2/}	45.1 ^{2/}	47.0 ^{2/}	44.1 ^{2/}	2.9
	23:55-00:00 HOUR	47.1 ^{2/}	45.1 ^{2/}	45.9 ^{2/}	44.1 ^{2/}	1.8
AUGUST 30, 2024 T24AU142-0008	NIGHT TIME ^{2/}					
	00:00-00:05 HOUR	46.6 ^{2/}	44.8 ^{2/}	45.0 ^{2/}	44.0 ^{2/}	1.0
	00:05-00:10 HOUR	46.1 ^{2/}	44.8 ^{2/}	43.1 ^{2/}	44.0 ^{2/}	<0.8 ^{2/}
	00:10-00:15 HOUR	44.8 ^{2/}	44.8 ^{2/}	42.4 ^{2/}	44.0 ^{2/}	<0.8 ^{2/}
	00:15-00:20 HOUR	46.2 ^{2/}	45.7 ^{2/}	39.4 ^{2/}	44.9 ^{2/}	<0.8 ^{2/}
	00:20-00:25 HOUR	46.5 ^{2/}	45.7 ^{2/}	41.5 ^{2/}	44.9 ^{2/}	<0.8 ^{2/}
	00:25-00:30 HOUR	46.7 ^{2/}	45.7 ^{2/}	42.8 ^{2/}	44.9 ^{2/}	<0.8 ^{2/}
	00:30-00:35 HOUR	46.9 ^{2/}	45.5 ^{2/}	44.2 ^{2/}	44.7 ^{2/}	<0.8 ^{2/}
	00:35-00:40 HOUR	46.5 ^{2/}	45.5 ^{2/}	42.6 ^{2/}	44.7 ^{2/}	<0.8 ^{2/}
	00:40-00:45 HOUR	46.6 ^{2/}	44.8 ^{2/}	43.1 ^{2/}	43.5 ^{2/}	2.1
	00:45-00:50 HOUR	46.5 ^{2/}	44.3 ^{2/}	45.6 ^{2/}	43.5 ^{2/}	<0.8 ^{2/}
	00:50-00:55 HOUR	45.2 ^{2/}	44.3 ^{2/}	40.7 ^{2/}	43.5 ^{2/}	<0.8 ^{2/}

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UNITED ANALYST AND ENGINEERING CONSULTANT COMPANY LIMITED
CONSULTANT COMPANY LIMITED

DATE	TIME*	RESULT (dB(A)) N4 : ทั่วพื้นที่วัดค่าเสียง				
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 30, 2024 T24AU142-0008	NIGHT TIME ^{2/}					
	00:40-00:45 HOUR	46.6 ^{2/}	45.5 ^{2/}	42.8 ^{2/}	44.7 ^{2/}	<0.8 ^{2/}
	00:45-00:50 HOUR	46.4 ^{2/}	45.8 ^{2/}	40.8 ^{2/}	44.7 ^{2/}	<0.8 ^{2/}
	00:50-00:55 HOUR	46.4 ^{2/}	45.8 ^{2/}	40.6 ^{2/}	44.7 ^{2/}	<0.8 ^{2/}
	00:55-01:00 HOUR	46.4 ^{2/}	45.8 ^{2/}	40.5 ^{2/}	44.7 ^{2/}	<0.8 ^{2/}
	01:00-01:05 HOUR	47.1 ^{2/}	45.9 ^{2/}	44.1 ^{2/}	44.2 ^{2/}	<0.8 ^{2/}
	01:05-01:10 HOUR	48.9 ^{2/}	45.9 ^{2/}	44.2 ^{2/}	44.2 ^{2/}	2.7
	01:10-01:15 HOUR	47.8 ^{2/}	45.9 ^{2/}	46.3 ^{2/}	44.2 ^{2/}	2.1
	01:15-01:20 HOUR	47.2 ^{2/}	45.2 ^{2/}	45.9 ^{2/}	44.0 ^{2/}	1.9
	01:20-01:25 HOUR	46.7 ^{2/}	44.1 ^{2/}	44.1 ^{2/}	44.0 ^{2/}	<0.8 ^{2/}
	01:25-01:30 HOUR	47.3 ^{2/}	45.2 ^{2/}	46.2 ^{2/}	44.0 ^{2/}	2.2
	01:30-01:35 HOUR	46.5 ^{2/}	44.7 ^{2/}	45.0 ^{2/}	43.6 ^{2/}	1.4
	01:35-01:40 HOUR	45.7 ^{2/}	44.7 ^{2/}	38.3 ^{2/}	43.6 ^{2/}	<0.8 ^{2/}
	01:40-01:45 HOUR	45.1 ^{2/}	44.7 ^{2/}	43.6 ^{2/}	43.6 ^{2/}	<0.8 ^{2/}
	01:45-01:50 HOUR	45.5 ^{2/}	45.6 ^{2/}	<0.8 ^{2/}	44.5 ^{2/}	<0.8 ^{2/}
	01:50-01:55 HOUR	46.9 ^{2/}	45.6 ^{2/}	44.2 ^{2/}	44.5 ^{2/}	<0.8 ^{2/}
	01:55-02:00 HOUR	47.7 ^{2/}	45.6 ^{2/}	46.7 ^{2/}	44.5 ^{2/}	2.2
	02:00-02:05 HOUR	47.2 ^{2/}	45.1 ^{2/}	45.9 ^{2/}	44.0 ^{2/}	1.9
	02:05-02:10 HOUR	46.6 ^{2/}	45.1 ^{2/}	44.2 ^{2/}	44.0 ^{2/}	<0.8 ^{2/}
	02:10-02:15 HOUR	45.8 ^{2/}	45.1 ^{2/}	40.5 ^{2/}	44.0 ^{2/}	<0.8 ^{2/}
	02:15-02:20 HOUR	45.9 ^{2/}	44.6 ^{2/}	43.1 ^{2/}	43.9 ^{2/}	<0.8 ^{2/}
	02:20-02:25 HOUR	45.9 ^{2/}	44.6 ^{2/}	43.3 ^{2/}	43.9 ^{2/}	<0.8 ^{2/}
	02:25-02:30 HOUR	45.6 ^{2/}	44.6 ^{2/}	41.9 ^{2/}	43.9 ^{2/}	<0.8 ^{2/}
	02:30-02:35 HOUR	45.3 ^{2/}	45.3 ^{2/}	<0.8 ^{2/}	44.1 ^{2/}	<0.8 ^{2/}
	02:35-02:40 HOUR	45.4 ^{2/}	45.3 ^{2/}	29.6 ^{2/}	44.1 ^{2/}	<0.8 ^{2/}
	02:40-02:45 HOUR	46.4 ^{2/}	45.3 ^{2/}	42.9 ^{2/}	44.1 ^{2/}	<0.8 ^{2/}
	02:45-02:50 HOUR	49.3 ^{2/}	44.5 ^{2/}	50.5 ^{2/}	43.7 ^{2/}	6.8
	02:50-02:55 HOUR	45.3 ^{2/}	44.5 ^{2/}	40.8 ^{2/}	43.7 ^{2/}	<0.8 ^{2/}
	02:55-03:00 HOUR	45.9 ^{2/}	44.5 ^{2/}	43.2 ^{2/}	43.7 ^{2/}	<0.8 ^{2/}
	03:00-03:05 HOUR	45.6 ^{2/}	44.8 ^{2/}	40.4 ^{2/}	43.7 ^{2/}	<0.8 ^{2/}
	03:05-03:10 HOUR	46.1 ^{2/}	44.8 ^{2/}	43.1 ^{2/}	43.7 ^{2/}	<0.8 ^{2/}
	03:10-03:15 HOUR	46.5 ^{2/}	44.8 ^{2/}	44.6 ^{2/}	43.7 ^{2/}	0.9
	03:15-03:20 HOUR	45.2 ^{2/}	45.7 ^{2/}	<0.8 ^{2/}	44.9 ^{2/}	<0.8 ^{2/}
	03:20-03:25 HOUR	46.6 ^{2/}	45.7 ^{2/}	42.4 ^{2/}	44.9 ^{2/}	<0.8 ^{2/}
	03:25-03:30 HOUR	47.3 ^{2/}	45.7 ^{2/}	45.2 ^{2/}	44.9 ^{2/}	<0.8 ^{2/}
	03:30-03:35 HOUR	46.8 ^{2/}	45.1 ^{2/}	44.7 ^{2/}	44.3 ^{2/}	<0.8 ^{2/}
	03:35-03:40 HOUR	47.1 ^{2/}	45.1 ^{2/}	45.6 ^{2/}	44.3 ^{2/}	1.3
	03:40-03:45 HOUR	46.6 ^{2/}	45.1 ^{2/}	44.0 ^{2/}	44.3 ^{2/}	<0.8 ^{2/}
	03:45-03:50 HOUR	46.5 ^{2/}	44.3 ^{2/}	45.6 ^{2/}	43.5 ^{2/}	2.1
	03:50-03:55 HOUR	45.2 ^{2/}	44.3 ^{2/}	40.7 ^{2/}	43.5 ^{2/}	<0.8 ^{2/}
	03:55-04:00 HOUR	45.1 ^{2/}	44.3 ^{2/}	40.0 ^{2/}	43.5 ^{2/}	<0.8 ^{2/}
	04:00-04:05 HOUR	47.1 ^{2/}	45.4 ^{2/}	45.2 ^{2/}	44.7 ^{2/}	<0.8 ^{2/}
	04:05-04:10 HOUR	48.1 ^{2/}	45.4 ^{2/}	47.8 ^{2/}	44.7 ^{2/}	3.1
	04:10-04:15 HOUR	48.7 ^{2/}	45.4 ^{2/}	49.0 ^{2/}	44.7 ^{2/}	4.3
	04:15-04:20 HOUR	48.9 ^{2/}	49.6 ^{2/}	<0.8 ^{2/}	47.1 ^{2/}	<0.8 ^{2/}

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DATE	TIME*	RESULT (dB(A)) N4 : บ้านสวนพุดผกา				
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 30, 2024 T24AUI42-0009	NIGHT TIME ^{2/}					
	04:20-04:25 HOUR	49.5 ^{2/}	49.6 ^{2/}	<0.8 ^{2/}	47.1 ^{2/}	<0.8 ^{2/}
	04:25-04:30 HOUR	50.8 ^{2/}	49.6 ^{2/}	47.7 ^{2/}	47.1 ^{2/}	<0.8 ^{2/}
	04:30-04:35 HOUR	51.0 ^{2/}	50.3 ^{2/}	46.1 ^{2/}	48.7 ^{2/}	<0.8 ^{2/}
	04:35-04:40 HOUR	51.6 ^{2/}	48.9 ^{2/}	46.7 ^{2/}	48.9 ^{2/}	<0.8 ^{2/}
	04:40-04:45 HOUR	51.4 ^{2/}	50.3 ^{2/}	47.8 ^{2/}	48.7 ^{2/}	<0.8 ^{2/}
	04:45-04:50 HOUR	51.2 ^{2/}	50.0 ^{2/}	47.9 ^{2/}	48.5 ^{2/}	<0.8 ^{2/}
	04:50-04:55 HOUR	51.0 ^{2/}	50.0 ^{2/}	47.3 ^{2/}	48.5 ^{2/}	<0.8 ^{2/}
	04:55-05:00 HOUR	51.3 ^{2/}	50.0 ^{2/}	48.6 ^{2/}	48.5 ^{2/}	<0.8 ^{2/}
	05:00-05:05 HOUR	51.7 ^{2/}	50.7 ^{2/}	47.6 ^{2/}	48.9 ^{2/}	<0.8 ^{2/}
	05:05-05:10 HOUR	51.0 ^{2/}	50.7 ^{2/}	42.1 ^{2/}	48.9 ^{2/}	<0.8 ^{2/}
	05:10-05:15 HOUR	50.7 ^{2/}	50.7 ^{2/}	49.1 ^{2/}	48.9 ^{2/}	<0.8 ^{2/}
	05:15-05:20 HOUR	51.4 ^{2/}	47.8 ^{2/}	47.8 ^{2/}	45.6 ^{2/}	6.4
	05:20-05:25 HOUR	48.1 ^{2/}	47.8 ^{2/}	39.9 ^{2/}	45.6 ^{2/}	<0.8 ^{2/}
	05:25-05:30 HOUR	49.7 ^{2/}	47.8 ^{2/}	48.2 ^{2/}	45.6 ^{2/}	2.6
	05:30-05:35 HOUR	49.2 ^{2/}	50.6 ^{2/}	<0.8 ^{2/}	45.4 ^{2/}	<0.8 ^{2/}
	05:35-05:40 HOUR	49.0 ^{2/}	50.6 ^{2/}	<0.8 ^{2/}	45.4 ^{2/}	<0.8 ^{2/}
	05:40-05:45 HOUR	51.7 ^{2/}	50.6 ^{2/}	48.2 ^{2/}	44.8 ^{2/}	7.0
	05:45-05:50 HOUR	51.3 ^{2/}	47.7 ^{2/}	37.5 ^{2/}	44.8 ^{2/}	<0.8 ^{2/}
	05:50-05:55 HOUR	47.9 ^{2/}	47.7 ^{2/}	<0.8 ^{2/}	44.8 ^{2/}	<0.8 ^{2/}
	05:55-06:00 HOUR	47.7 ^{2/}	47.7 ^{2/}	<0.8 ^{2/}	44.8 ^{2/}	<0.8 ^{2/}
	DAY TIME ^{1/}					
	06:00-07:00 HOUR	47.7 ^{2/}	45.2 ^{2/}	44.1 ^{2/}	42.9 ^{2/}	1.2
	DAY TIME ^{1/}					
	07:00-08:00 HOUR	46.3 ^{2/}	45.4 ^{2/}	38.9 ^{2/}	43.3 ^{2/}	<0.8 ^{2/}
	08:00-09:00 HOUR	45.8 ^{2/}	44.3 ^{2/}	40.5 ^{2/}	42.3 ^{2/}	<0.8 ^{2/}
	09:00-10:00 HOUR	47.3 ^{2/}	44.6 ^{2/}	43.8 ^{2/}	42.4 ^{2/}	1.4
	10:00-11:00 HOUR	45.4 ^{2/}	43.3 ^{2/}	41.2 ^{2/}	39.1 ^{2/}	2.1
	11:00-12:00 HOUR	45.9 ^{2/}	43.0 ^{2/}	42.8 ^{2/}	37.3 ^{2/}	5.5
	12:00-13:00 HOUR	50.2 ^{2/}	50.0 ^{2/}	36.1 ^{2/}	38.9 ^{2/}	<0.8 ^{2/}
	13:00-14:00 HOUR	52.9 ^{2/}	46.6 ^{2/}	51.7 ^{2/}	44.0 ^{2/}	7.7
	14:00-15:00 HOUR	49.2 ^{2/}	44.6 ^{2/}	47.4 ^{2/}	39.5 ^{2/}	7.9
	15:00-16:00 HOUR	48.3 ^{2/}	44.8 ^{2/}	45.7 ^{2/}	39.4 ^{2/}	6.3
	16:00-17:00 HOUR	46.5 ^{2/}	44.5 ^{2/}	42.1 ^{2/}	40.5 ^{2/}	1.6
	17:00-18:00 HOUR	48.5 ^{2/}	44.8 ^{2/}	46.1 ^{2/}	42.5 ^{2/}	3.6
	18:00-19:00 HOUR	47.4 ^{2/}	45.3 ^{2/}	43.2 ^{2/}	42.3 ^{2/}	0.9
	19:00-20:00 HOUR	51.4 ^{2/}	48.8 ^{2/}	47.9 ^{2/}	44.6 ^{2/}	3.3
	20:00-21:00 HOUR	57.9 ^{2/}	57.1 ^{2/}	50.2 ^{2/}	56.3 ^{2/}	<0.8 ^{2/}
	21:00-22:00 HOUR	56.6 ^{2/}	54.7 ^{2/}	52.1 ^{2/}	53.4 ^{2/}	<0.8 ^{2/}
	NIGHT TIME ^{2/}					
	22:00-22:05 HOUR	53.3 ^{2/}	51.7 ^{2/}	51.1 ^{2/}	50.7 ^{2/}	<0.8 ^{2/}
	22:05-22:10 HOUR	53.9 ^{2/}	51.7 ^{2/}	52.9 ^{2/}	50.7 ^{2/}	2.2
	22:10-22:15 HOUR	53.4 ^{2/}	51.7 ^{2/}	51.5 ^{2/}	50.7 ^{2/}	0.8
	22:15-22:20 HOUR	53.4 ^{2/}	51.3 ^{2/}	52.3 ^{2/}	49.9 ^{2/}	2.4
	22:20-22:25 HOUR	53.2 ^{2/}	51.8 ^{2/}	51.8 ^{2/}	49.9 ^{2/}	1.9
	22:25-22:30 HOUR	52.8 ^{2/}	51.3 ^{2/}	50.4 ^{2/}	49.9 ^{2/}	<0.8 ^{2/}

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DATE	TIME*	RESULT (dB(A)) N4 : บ้านสวนพุดผกา				
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 30, 2024 T24AUI42-0009	NIGHT TIME ^{2/}					
	22:30-22:35 HOUR	53.3 ^{2/}	51.3 ^{2/}	51.9 ^{2/}	49.4 ^{2/}	2.5
	22:35-22:40 HOUR	53.0 ^{2/}	51.3 ^{2/}	51.1 ^{2/}	49.4 ^{2/}	1.7
	22:40-22:45 HOUR	52.4 ^{2/}	51.3 ^{2/}	49.0 ^{2/}	49.4 ^{2/}	<0.8 ^{2/}
	22:45-22:50 HOUR	52.4 ^{2/}	52.1 ^{2/}	43.7 ^{2/}	50.3 ^{2/}	<0.8 ^{2/}
	22:50-22:55 HOUR	53.0 ^{2/}	52.1 ^{2/}	48.7 ^{2/}	50.3 ^{2/}	<0.8 ^{2/}
	22:55-23:00 HOUR	53.1 ^{2/}	52.1 ^{2/}	49.5 ^{2/}	50.3 ^{2/}	<0.8 ^{2/}
	23:00-23:05 HOUR	53.7 ^{2/}	51.4 ^{2/}	52.8 ^{2/}	48.9 ^{2/}	3.9
	23:05-23:10 HOUR	55.5 ^{2/}	51.4 ^{2/}	56.4 ^{2/}	48.9 ^{2/}	7.5
	23:10-23:15 HOUR	55.7 ^{2/}	51.4 ^{2/}	56.8 ^{2/}	48.9 ^{2/}	7.9
	23:15-23:20 HOUR	53.5 ^{2/}	52.7 ^{2/}	48.7 ^{2/}	49.9 ^{2/}	<0.8 ^{2/}
	23:20-23:25 HOUR	52.8 ^{2/}	52.7 ^{2/}	35.9 ^{2/}	49.9 ^{2/}	<0.8 ^{2/}
	23:25-23:30 HOUR	53.8 ^{2/}	52.7 ^{2/}	50.2 ^{2/}	49.9 ^{2/}	<0.8 ^{2/}
	23:30-23:35 HOUR	54.0 ^{2/}	51.2 ^{2/}	52.8 ^{2/}	48.4 ^{2/}	5.5
	23:35-23:40 HOUR	53.5 ^{2/}	51.2 ^{2/}	52.8 ^{2/}	48.4 ^{2/}	4.4
	23:40-23:45 HOUR	52.9 ^{2/}	51.2 ^{2/}	51.0 ^{2/}	48.4 ^{2/}	2.6
	23:45-23:50 HOUR	52.2 ^{2/}	48.4 ^{2/}	46.7 ^{2/}	46.7 ^{2/}	6.1
	23:50-23:55 HOUR	50.9 ^{2/}	48.4 ^{2/}	50.3 ^{2/}	46.7 ^{2/}	3.6
	23:55-00:00 HOUR	50.8 ^{2/}	48.4 ^{2/}	50.0 ^{2/}	46.7 ^{2/}	3.3
	NIGHT TIME ^{2/}					
	00:00-00:05 HOUR	49.5 ^{2/}	51.0 ^{2/}	<0.8 ^{2/}	47.7 ^{2/}	<0.8 ^{2/}
	00:05-00:10 HOUR	50.5 ^{2/}	51.0 ^{2/}	<0.8 ^{2/}	47.7 ^{2/}	<0.8 ^{2/}
	00:10-00:15 HOUR	52.0 ^{2/}	51.0 ^{2/}	48.4 ^{2/}	47.7 ^{2/}	<0.8 ^{2/}
	00:15-00:20 HOUR	52.7 ^{2/}	51.0 ^{2/}	50.8 ^{2/}	46.6 ^{2/}	4.2
	00:20-00:25 HOUR	51.9 ^{2/}	51.0 ^{2/}	47.6 ^{2/}	46.6 ^{2/}	1.0
	00:25-00:30 HOUR	52.0 ^{2/}	51.0 ^{2/}	48.3 ^{2/}	46.6 ^{2/}	1.7
	00:30-00:35 HOUR	51.9 ^{2/}	53.3 ^{2/}	<0.8 ^{2/}	46.8 ^{2/}	<0.8 ^{2/}
	00:35-00:40 HOUR	53.3 ^{2/}	53.3 ^{2/}	28.5 ^{2/}	46.8 ^{2/}	<0.8 ^{2/}
	00:40-00:45 HOUR	54.2 ^{2/}	53.3 ^{2/}	50.0 ^{2/}	46.8 ^{2/}	3.2
	00:45-00:50 HOUR	54.9 ^{2/}	54.3 ^{2/}	48.8 ^{2/}	47.0 ^{2/}	1.8
	00:50-00:55 HOUR	55.2 ^{2/}	54.3 ^{2/}	50.5 ^{2/}	47.0 ^{2/}	3.5
	00:55-01:00 HOUR	53.7 ^{2/}	54.3 ^{2/}	<0.8 ^{2/}	47.0 ^{2/}	<0.8 ^{2/}
	01:00-01:05 HOUR	53.2 ^{2/}	52.3 ^{2/}	48.9 ^{2/}	46.8 ^{2/}	2.1
	01:05-01:10 HOUR	52.5 ^{2/}	52.3 ^{2/}	40.1 ^{2/}	46.8 ^{2/}	<0.8 ^{2/}
	01:10-01:15 HOUR	52.5 ^{2/}	52.3 ^{2/}	41.6 ^{2/}	46.8 ^{2/}	<0.8 ^{2/}
	01:15-01:20 HOUR	51.1 ^{2/}	47.7 ^{2/}	51.6 ^{2/}	45.3 ^{2/}	6.3
	01:20-01:25 HOUR	51.7 ^{2/}	47.7 ^{2/}	52.6 ^{2/}	45.3 ^{2/}	7.3
	01:25-01:30 HOUR	50.7 ^{2/}	47.7 ^{2/}	50.7 ^{2/}	45.3 ^{2/}	5.4
	01:30-01:35 HOUR	49.1 ^{2/}	46.7 ^{2/}	48.3 ^{2/}	45.0 ^{2/}	3.3
	01:35-01:40 HOUR	48.5 ^{2/}	46.7 ^{2/}	46.7 ^{2/}	45.0 ^{2/}	1.7
	01:40-01:45 HOUR	50.0 ^{2/}	46.7 ^{2/}	50.3 ^{2/}	45.0 ^{2/}	5.3
	01:45-01:50 HOUR	53.6 ^{2/}	52.5 ^{2/}	50.2 ^{2/}	44.9 ^{2/}	5.3
	01:50-01:55 HOUR	53.1 ^{2/}	52.5 ^{2/}	47.7 ^{2/}	44.9 ^{2/}	2.8
	01:55-02:00 HOUR	54.4 ^{2/}	52.5 ^{2/}	53.0 ^{2/}	44.9 ^{2/}	8.1
	02:00-02:05 HOUR	54.1 ^{2/}	52.3 ^{2/}	52.4 ^{2/}	45.0 ^{2/}	7.4

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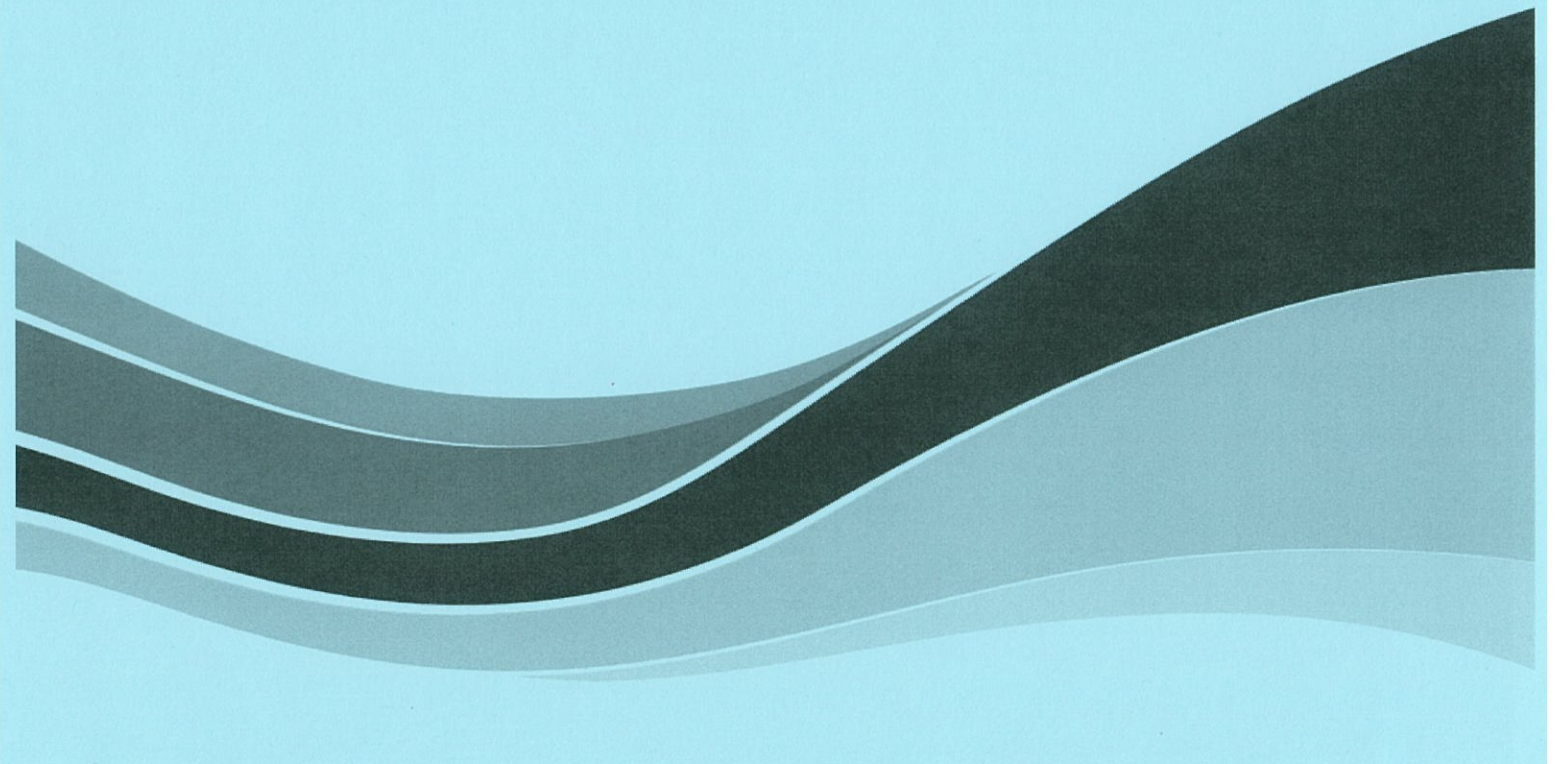
DATE	TIME*	RESULT (dB(A))				
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 31, 2024 TZ4AUL42-0009	NIGHT TIME 2/					
	02:05-02:10 HOUR	52.8 2/	52.3 **	46.4 2/	45.0 **	1.4
	02:10-02:15 HOUR	51.7 2/	52.3 **	<0.8 2/	45.0 **	<0.8 2/
	02:15-02:20 HOUR	51.6 2/	50.1 **	49.0 2/	43.9 **	5.1
	02:20-02:25 HOUR	49.5 2/	50.1 **	<0.8 2/	43.9 **	<0.8 2/
	02:25-02:30 HOUR	51.9 2/	50.1 **	50.2 2/	43.9 **	6.3
	02:30-02:35 HOUR	52.5 2/	52.1 **	44.8 2/	44.1 **	<0.8 2/
	02:35-02:40 HOUR	51.4 2/	52.1 **	51.4 2/	44.1 **	7.3
	02:40-02:45 HOUR	53.6 2/	52.1 **	46.1 2/	44.1 **	2.0
	02:45-02:50 HOUR	54.2 2/	52.8 **	51.6 2/	44.0 **	7.6
	02:50-02:55 HOUR	51.5 2/	52.8 **	<0.8 2/	44.0 **	<0.8 2/
	02:55-03:00 HOUR	53.4 2/	52.8 **	48.0 2/	44.0 **	4.0
	03:00-03:05 HOUR	51.1 2/	48.3 **	50.8 2/	43.5 **	7.3
	03:05-03:10 HOUR	51.4 2/	48.3 **	51.6 2/	43.5 **	8.1
	03:10-03:15 HOUR	51.2 2/	48.3 **	51.2 2/	43.5 **	7.7
	03:15-03:20 HOUR	49.9 2/	52.7 **	<0.8 2/	43.7 **	<0.8 2/
	03:20-03:25 HOUR	53.2 2/	52.7 **	46.3 2/	43.7 **	2.6
	03:25-03:30 HOUR	53.4 2/	52.7 **	48.2 2/	43.7 **	4.5
	03:30-03:35 HOUR	50.2 2/	46.1 **	51.1 2/	44.0 **	7.1
	03:35-03:40 HOUR	50.2 2/	46.1 **	51.0 2/	44.0 **	7.0
	03:40-03:45 HOUR	49.1 2/	46.1 **	49.0 2/	44.0 **	5.0
	03:45-03:50 HOUR	47.1 2/	46.1 **	43.1 2/	43.0 **	<0.8 2/
	03:50-03:55 HOUR	50.0 2/	46.1 **	50.7 2/	43.0 **	7.7
	03:55-04:00 HOUR	47.2 2/	46.1 **	43.7 2/	43.0 **	<0.8 2/
	04:00-04:05 HOUR	46.2 2/	45.0 **	43.2 2/	43.2 **	<0.8 2/
	04:05-04:10 HOUR	47.1 2/	45.0 **	45.9 2/	43.2 **	2.7
	04:10-04:15 HOUR	46.4 2/	45.0 **	43.8 2/	43.2 **	<0.8 2/
	04:15-04:20 HOUR	46.1 2/	45.4 **	40.9 2/	43.3 **	<0.8 2/
	04:20-04:25 HOUR	46.8 2/	45.4 **	44.4 2/	43.3 **	1.1
	04:25-04:30 HOUR	46.5 2/	45.4 **	43.1 2/	43.3 **	<0.8 2/
	04:30-04:35 HOUR	48.7 2/	46.9 **	47.0 2/	43.8 **	3.2
	04:35-04:40 HOUR	48.4 2/	46.9 **	46.1 2/	43.8 **	2.3
	04:40-04:45 HOUR	47.7 2/	46.9 **	43.1 2/	43.8 **	<0.8 2/
	04:45-04:50 HOUR	49.9 2/	49.7 **	39.3 2/	48.1 **	<0.8 2/
	04:50-04:55 HOUR	48.9 2/	49.7 **	<0.8 2/	48.1 **	<0.8 2/
	04:55-05:00 HOUR	51.1 2/	49.7 **	48.6 2/	48.1 **	<0.8 2/
	05:00-05:05 HOUR	53.0 2/	51.3 **	51.7 2/	50.4 **	1.3
	05:05-05:10 HOUR	53.0 2/	51.3 **	51.2 2/	50.4 **	0.8
	05:10-05:15 HOUR	52.7 2/	51.3 **	50.1 2/	50.4 **	<0.8 2/
	05:15-05:20 HOUR	52.5 2/	49.7 **	52.1 2/	48.8 **	3.3
	05:20-05:25 HOUR	51.8 2/	49.7 **	50.7 2/	48.8 **	1.9
	05:25-05:30 HOUR	51.7 2/	49.7 **	50.4 2/	48.8 **	1.6
	05:30-05:35 HOUR	50.9 2/	49.8 **	47.5 2/	48.8 **	<0.8 2/
	05:35-05:40 HOUR	50.6 2/	49.8 **	46.0 2/	48.8 **	<0.8 2/
	05:40-05:45 HOUR	50.9 2/	49.8 **	47.4 2/	48.8 **	<0.8 2/

DATE	TIME*	RESULT (dB(A))				
		SPECIFIC SOUND LEVEL	RESIDUAL SOUND LEVEL	RATING LEVEL	BACKGROUND SOUND LEVEL	ANNOYANCE SOUND LEVEL
AUGUST 31, 2024 TZ4AUL42-0009	NIGHT TIME 2/					
	05:45-05:50 HOUR	50.6 2/	50.5 **	31.7 2/	49.5 **	<0.8 2/
	05:50-05:55 HOUR	50.8 2/	50.5 **	41.1 2/	49.5 **	<0.8 2/
	05:55-06:00 HOUR	50.9 2/	50.5 **	42.3 2/	49.5 **	<0.8 2/
	DAY TIME 1/					
	06:00-07:00 HOUR	53.2 2/	52.0 **	46.9 2/	51.2 **	<0.8 2/

REMARK : 1/ CASE 1 CALCULATION (DURING 06:00 TO 22:00 HOUR) : SPECIFIC SOUND LEVEL CONTINUOUSLY OCCUR AT LEAST 1 HOUR,
MEASURING AS L_{avg} 1 hour.
2/ CASE 4 CALCULATION (DURING 22:00 TO 06:00 HOUR) : SPECIFIC SOUND LEVEL OCCUR IN RESTFUL AREA OR NIGHT TIME,
MEASURING AS L_{avg} 5 minutes.
3/ THERE IS NO IMPACT CAUSE ANNOYANCE SOUND LEVEL
** PERCENTILE LEVEL 90 (L_{avg}) IS THE MIDDLE VALUE OF 11 TIMES MEASURING
(55 MINUTES MEASURING DURING 06:00 TO 22:00 HOUR)
AND RESIDUAL SOUND LEVEL (L_{avg} 5 minutes) IS CHOSEN AT THE SAME TIME AS PERCENTILE LEVEL 90 ABOVE.
*** PERCENTILE LEVEL 90 (L_{avg}) IS THE MIDDLE VALUE OF 3 TIMES MEASURING
(15 MINUTES MEASURING DURING 22:00 TO 06:00 HOUR)
AND RESIDUAL SOUND LEVEL (L_{avg} 5 minutes) IS CHOSEN AT THE SAME TIME AS PERCENTILE LEVEL 90 ABOVE.


(MR. SILA BANTONGJATRIUK)
LABORATORY SUPERVISOR

ภาคผนวก ค-3
คุณภาพน้ำผิวดิน



ANALYSIS REPORT

PROJECT NAME	: โครงการเจาะสำรวจปิโตรเลียมบนบก แปลงสำรวจบนบกเลขที่ L15/43 อำเภอเขาสวนกวาง จังหวัดขอนแก่น				
CUSTOMER NAME	: APICO (KHORAT) COMPANY LIMITED				
ADDRESS	: SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120				
CONTACT INFORMATION	: TEL : 08 9698 4651 e-mail : jutatip.p@apicollc.com				
SAMPLING SOURCE	: -				
SAMPLE TYPE	: SURFACE WATER	RECEIVED DATE	: SEPTEMBER 19, 2024		
SAMPLING DATE	: SEPTEMBER 18, 2024	ANALYTICAL DATE	: SEPTEMBER 19 - OCTOBER 2, 2024		
SAMPLING TIME	: 14:45 HOUR	ISSUE DATE	: OCTOBER 4, 2024		
SAMPLING METHOD	: GRAB, GRAB AND STERILE TECHNIQUE	REPORT NO.	: 2024-U091696		
SAMPLING BY	: MR PRACHCHAPOL SOPHA	WORK NO.	: 2023-007683		
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM	ANALYSIS NO.	: T24AV782-0001		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SW-1 หน่วยควบคุม (เหนือพื้นที่โครงการ) T24AV782-0001		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	6.8 (29.1°C)	5.0-9.0	-
SALINITY ^c	ppt	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2520 B AND 1060 B	ND	-	0.1
TEMPERATURE ^c	°C	THERMOMETER (AT SITE) SM: PART 2550 B	29.1	n ⁱ	-
ELECTRICAL CONDUCTIVITY ^c	µS/cm	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2510 B AND 1060 B	29.0 (29.1°C)	-	0.1
DISSOLVED OXYGEN ^c	mg/L	AZIDE MODIFICATION METHOD (AT SITE) SM: PART 4500-O C	3.1	≥ 4.0	0.5
BIOCHEMICAL OXYGEN DEMAND ^c	mg/L	AZIDE MODIFICATION METHOD (SM: PART 5210 B AND PART 4500-O C)	1.0	≤ 2.0	1.0
CHLORIDE ^c	mg/L Cl ⁻	ARGENTOMETRIC METHOD (SM: 4500-Cl ⁻ B)	ND	-	2.0
SULPHATE ^c	mg/L SO ₄ ²⁻	TURBIDIMETRIC METHOD (SM: PART 4500 -SO ₄ ²⁻ E)	0.6	-	0.3
TOTAL SUSPENDED SOLIDS ^c	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	ND	-	5.0
TOTAL DISSOLVED SOLIDS ^c	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	ND	-	25
METALS					
ARSENIC ^c	mg/L As	HYDRIDE GENERATION AAS METHOD (SM: PART 3114 C)	ND	≤ 0.01	0.0003
BARIUM ^c	mg/L Ba	NITRIC ACID-HYDROCHLORIC ACID DIGESTION AND INDUCTIVELY COUPLED PLASMA (ICP) METHOD (SM: PART 3030 F AND PART 3120 B)	0.035	-	0.003
CADMIUM ^a	mg/L Cd	UAE.TP.HEM.005 BASED ON SM: PART 3030 E AND PART 3111 B	ND	≤ 0.005*, ≤ 0.05**	0.003
COPPER ^a	mg/L Cu	UAE.TP.HEM.005 BASED ON SM: PART 3030 E AND PART 3111 B	ND	≤ 0.1	0.004
IRON ^a	mg/L Fe	UAE.TP.HEM.005 BASED ON SM: PART 3030 E AND PART 3111 B	0.245	-	0.005
LEAD ^a	mg/L Pb	UAE.TP.HEM.005 BASED ON SM: PART 3030 E AND PART 3111 B	ND	≤ 0.05	0.007
MANGANESE ^a	mg/L Mn	UAE.TP.HEM.005 BASED ON SM: PART 3030 E AND PART 3111 B	< LOQ	≤ 1.0	0.002



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SW-1 หน่วยคุณภาพ (เหนือพื้นที่โครงการ) T24AV782-0001		
TOTAL MERCURY ^{a b}	mg/L Hg	IN-HOUSE METHOD: UAE.TP.HEM.002 BASED ON SM: PART 3112 B	ND	≤ 0.002	0.0001
NICKEL ^a	mg/L Ni	UAE.TP.HEM.005 BASED ON SM: PART 3030 E AND PART 3111 B	ND	≤ 0.1	0.005
SELENIUM ^c	mg/L Se	HYDRIDE GENERATION AAS METHOD (SM: PART 3114 C)	ND	-	0.0005
TOTAL CHROMIUM ^a	mg/L Cr	UAE.TP.HEM.005 BASED ON SM: PART 3030 E AND PART 3111 B	ND	-	0.007
ZINC ^a	mg/L Zn	UAE.TP.HEM.005 BASED ON SM: PART 3030 E AND PART 3111 B	< LOQ	≤ 1.0	0.003
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	680	≤ 20,000	1.8
TOTAL PETROLEUM HYDROCARBON					
TPH (C ₁₀ -C ₁₄) ^c	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	-	0.010
TPH (C ₁₅ -C ₂₈) ^c	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	-	0.032
TPH (C ₂₉ -C ₃₆) ^c	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	-	0.016
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/CLEAR		
SEDIMENT			BROWN		

^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, 24th EDITION, 2023.

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 ON ORDINARY TREATMENT PROCESS BEFORE USING
(2) AGRICULTURE

n¹ : NATURALLY BUT CHANGING NOT MORE THAN 3°C

* : WHEN WATER HARDNESS NOT MORE THAN 100 mg/L AS CaCO₃

** : WHEN WATER HARDNESS MORE THAN 100 mg/L AS CaCO₃

^ : CUSTOMER INFORMATION.

ND : NOT DETECTED.

< LOQ : < LIMIT OF QUANTITATION (MANGANESE ≥ 0.002 AND < 0.025 mg/L, ZINC ≥ 0.003 AND < 0.025 mg/L).

Benjawan V.

(MISS BENJAWAN VIRIYOTHAJ)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME	: โครงการเจาะสำรวจปิโตรเลียมบนบก แปลงสำรวจบนบกเลขที่ L15/43 อำเภอเขาสวนกวาง จังหวัดขอนแก่น				
CUSTOMER NAME	: APICO (KHORAT) COMPANY LIMITED				
ADDRESS	: SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120				
CONTACT INFORMATION	: TEL : 08 9698 4651 e-mail : jutatip.p@apicolc.com				
SAMPLING SOURCE	: -				
SAMPLE TYPE	: SURFACE WATER		RECEIVED DATE	: SEPTEMBER 19, 2024	
SAMPLING DATE	: SEPTEMBER 18, 2024		ANALYTICAL DATE	: SEPTEMBER 19 - OCTOBER 2, 2024	
SAMPLING TIME	: 15:30 HOUR		ISSUE DATE	: OCTOBER 4, 2024	
SAMPLING METHOD	: GRAB, GRAB AND STERILE TECHNIQUE		REPORT NO.	: 2024-U091697	
SAMPLING BY	: MR PRACHCHAPOL SOPHA		WORK NO.	: 2023-007683	
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM		ANALYSIS NO.	: T24AV782-0002	

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			อ้างอิงมาตรฐาน T24AV782-0002		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.2 (29.1°C)	5.0-9.0	-
SALINITY ^c	ppt	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2520 B AND 1060 B	ND	-	0.1
TEMPERATURE ^c	°C	THERMOMETER (AT SITE) SM: PART 2550 B	29.1	n ⁱ	-
ELECTRICAL CONDUCTIVITY ^c	µS/cm	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2510 B AND 1060 B	35.0 (29.1°C)	-	0.1
DISSOLVED OXYGEN ^c	mg/L	AZIDE MODIFICATION METHOD (AT SITE) SM: PART 4500-O C	3.5	≥ 4.0	0.5
BIOCHEMICAL OXYGEN DEMAND ^c	mg/L	AZIDE MODIFICATION METHOD (SM: PART 5210 B AND PART 4500-O C)	1.4	≤ 2.0	1.0
CHLORIDE ^c	mg/L Cl ⁻	ARGENTOMETRIC METHOD (SM: 4500-Cl ⁻ B)	ND	-	2.0
SULPHATE ^c	mg/L SO ₄ ²⁻	TURBIDIMETRIC METHOD (SM: PART 4500 -SO ₄ ²⁻ E)	3.1	-	0.3
TOTAL SUSPENDED SOLIDS ^c	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	ND	-	5.0
TOTAL DISSOLVED SOLIDS ^c	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	ND	-	25
METALS					
ARSENIC ^c	mg/L As	HYDRIDE GENERATION AAS METHOD (SM: PART 3114 C)	ND	≤ 0.01	0.0003
BARIUM ^c	mg/L Ba	NITRIC ACID-HYDROCHLORIC ACID DIGESTION AND INDUCTIVELY COUPLED PLASMA (ICP) METHOD (SM: PART 3030 F AND PART 3120 B)	0.015	-	0.003
CADMIUM ^a	mg/L Cd	UAE.TP.HEM.005 BASED ON SM: PART 3030 E AND PART 3111 B	ND	≤ 0.005*, ≤ 0.05**	0.003
COPPER ^a	mg/L Cu	UAE.TP.HEM.005 BASED ON SM: PART 3030 E AND PART 3111 B	ND	≤ 0.1	0.004
IRON ^a	mg/L Fe	UAE.TP.HEM.005 BASED ON SM: PART 3030 E AND PART 3111 B	0.725	-	0.005
LEAD ^a	mg/L Pb	UAE.TP.HEM.005 BASED ON SM: PART 3030 E AND PART 3111 B	ND	≤ 0.05	0.007
MANGANESE ^a	mg/L Mn	UAE.TP.HEM.005 BASED ON SM: PART 3030 E AND PART 3111 B	< LOQ	≤ 1.0	0.002
TOTAL MERCURY ^{a b}	mg/L Hg	IN-HOUSE METHOD: UAE.TP.HEM.002 BASED ON SM: PART 3112 B	ND	≤ 0.002	0.0001



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			อ้างอิงมาตรฐาน T24AV782-0002		
NICKEL ^a	mg/L Ni	UAE.TP.HEM.005 BASED ON SM: PART 3030 E AND PART 3111 B	ND	≤ 0.1	0.005
SELENIUM ^c	mg/L Se	HYDRIDE GENERATION AAS METHOD (SM: PART 3114 C)	ND	-	0.0005
TOTAL CHROMIUM ^a	mg/L Cr	UAE.TP.HEM.005 BASED ON SM: PART 3030 E AND PART 3111 B	ND	-	0.007
ZINC ^a	mg/L Zn	UAE.TP.HEM.005 BASED ON SM: PART 3030 E AND PART 3111 B	ND	≤ 1.0	0.003
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	490	≤ 20,000	1.8
TOTAL PETROLEUM HYDROCARBON					
TPH (C ₁₀ -C ₁₄) ^c	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	-	0.010
TPH (C ₁₅ -C ₂₈) ^c	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	-	0.032
TPH (C ₂₉ -C ₃₆) ^c	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	-	0.016
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/CLEAR		
SEDIMENT			BROWN		

^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, 24th EDITION, 2023.

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 ENHANCEMENT 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 ON ORDINARY TREATMENT PROCESS BEFORE USING
(2) AGRICULTURE

n¹ : NATURALLY BUT CHANGING NOT MORE THAN 3°C

* : WHEN WATER HARDNESS NOT MORE THAN 100 mg/L AS CaCO₃

** : WHEN WATER HARDNESS MORE THAN 100 mg/L AS CaCO₃

^ : CUSTOMER INFORMATION.

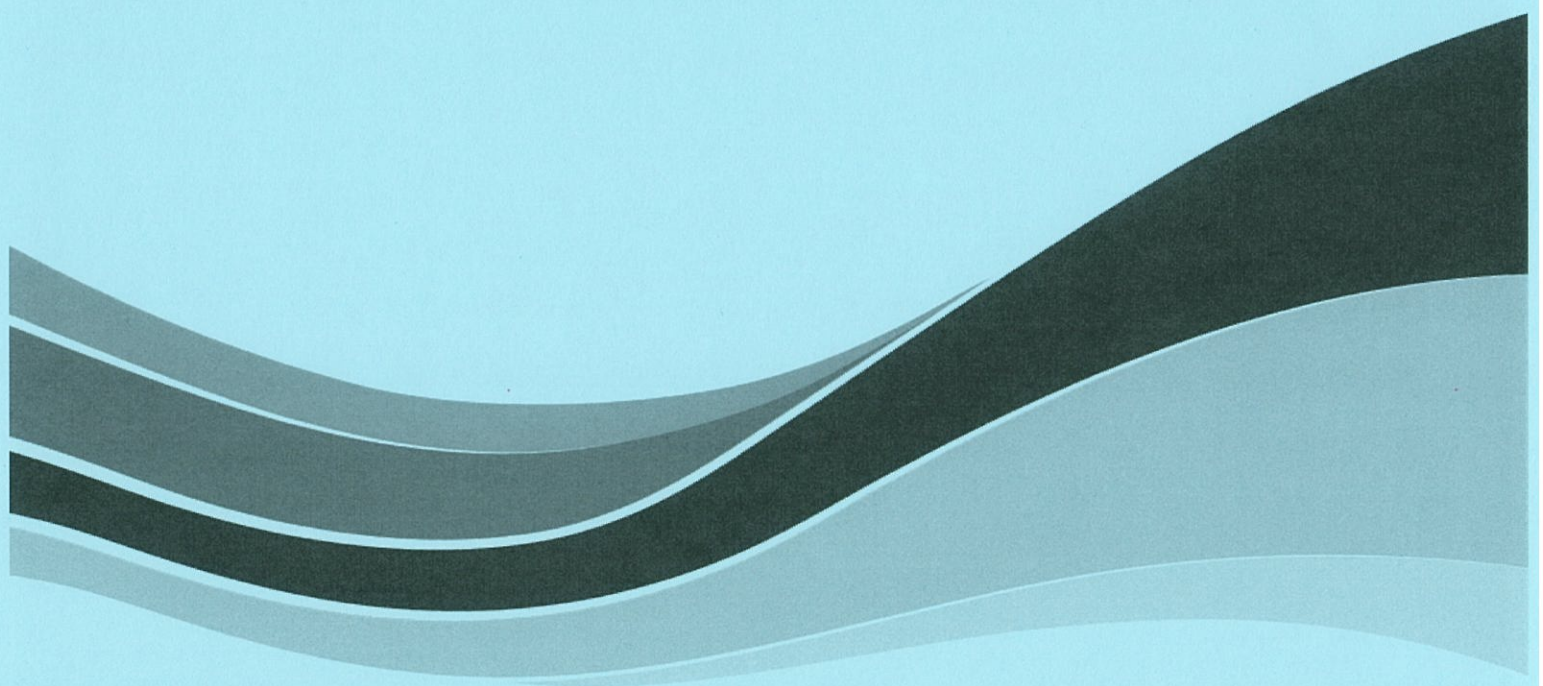
ND : NOT DETECTED.

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

Benjawan V.

(MISS BENJAWAN VIRIYOTHAI)
LABORATORY SUPERVISOR

ภาคผนวก ค-4
คุณภาพดิน





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



TESTING
No. 0063

ANALYSIS REPORT

PROJECT NAME : โครงการพัฒนาระบบบำบัดน้ำเสียชุมชนตำบลบ้านใหม่ อำเภอเมือง จังหวัดขอนแก่น

CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED

ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120

CONTACT INFORMATION : TEL : 08 9598 4651 e-mail : jiradip.p@apicokk.com

SAMPLING SOURCE : -

SAMPLE TYPE : SOIL

SAMPLING DATE : SEPTEMBER 18, 2024

SAMPLING TIME : 11:30 HOUR

SAMPLING METHOD : UNDISTURBED

SAMPLING BY : MR PRACHAPOL SOPHA

ANALYZED BY : MISS JINTASUJA PLANSRI

RECEIVED DATE : SEPTEMBER 19, 2024

ANALYTICAL DATE : SEPTEMBER 19 - OCTOBER 4, 2024

ISSUE DATE : OCTOBER 7, 2024

REPORT NO. : 2024-U093072

WORK NO. : 2023-007683

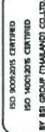
ANALYSIS NO. : T24AV731-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ค่าเฉลี่ย 1 ร้อยละความ ผิดพลาด 0-10 % T24AV731-0001	REGULATORY STANDARD	DETECTION LIMIT
pH (1:1) ^b	-	ELECTROMETRIC METHOD (US EPA 2004: 9045D)	8.3 (25°C)	-	-
ELECTRICAL CONDUCTIVITY (1:5) ^c	dS/m	ELECTRICAL CONDUCTIVITY METHOD	0.052 (25°C)	-	0.001
CHLORIDE ^c	% w/w	BS 1377: PART3: 1990	ND	-	0.01
METALS					
ARSENIC (As) ^c	mg/kg	ACID DIGESTION AND HYDRIDE GENERATION AAS METHOD (US EPA 1996: 3050B AND 1992.7061A)	20.7	≤ 25	0.100
BARIUM (Ba) ^c	mg/kg	DIGESTION AND INDUCTIVELY COUPLED PLASMA METHOD (US EPA 1996: 3050B AND 2018: 60100)	122	-	0.250
CADMIUM (Cd) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007.7000B)	ND	≤ 762	0.300
HEXAVALENT CHROMIUM (Cr ^{VI}) ^c	mg/kg	ALKALINE DIGESTION AND COLOURIMETRIC METHOD (US EPA 1996: 3090A AND 1992.7186A)	ND	≤ 212	0.000
COPPER (Cu) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007.7000B)	3.79	≤ 35,040	0.300
IRON (Fe) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007.7000B)	20,940	-	0.500
LEAD (Pb) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007.7000B)	26.1	≤ 800	1.55
MANGANESE AND COMPOUNDS ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007.7000B)	25.0	≤ 19,640	0.250
MERCURY (Hg) ^c	mg/kg	ACID DIGESTION AND COLD VAPOUR AAS METHOD (US EPA 2007.7471B)	ND	≤ 263	0.100
NICKEL (Ni) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007.7000B)	130	≤ 5,205	100
SELENIUM (Se) ^c	mg/kg	ACID DIGESTION AND HYDRIDE GENERATION AAS METHOD (US EPA 1996: 3050B AND 1994.7742)	0.200	≤ 4,380	0.100

* PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.

* THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

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



TESTING
No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ค่าเฉลี่ย 1 ร้อยละความ ผิดพลาด 0-10 % T24AV731-0001	REGULATORY STANDARD	DETECTION LIMIT
ZINC (Zn) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007.7000B)	18.0	-	0.350
TOTAL PETROLEUM HYDROCARBON					
TPH (C ₆ -C ₁₀) ^c	mg/kg	ULTRASONIC EXTRACTION AND GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2007.3550 C AND 2003.8015 D)	ND	-	0.05
TPH (C ₆ -C ₁₀) ^c	mg/kg	ULTRASONIC EXTRACTION AND GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2007.3550 C AND 2003.8015 D)	ND	-	0.16
TPH (C ₆ -C ₁₀) ^c	mg/kg	ULTRASONIC EXTRACTION AND GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2007.3550 C AND 2003.8015 D)	ND	-	0.08
VOLATILE ORGANIC COMPOUNDS					
BENZENE ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 62500)	ND	≤ 5	0.01
ETHYLBENZENE ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 62500)	ND	≤ 19,350	0.01
TOLUENE ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 62500)	ND	≤ 40,140	0.01
TOTAL XYLENES ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 62500)	ND	≤ 2,478	0.01
SAMPLE CONDITION					
					BROWN SOIL

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

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

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REGULATORY STANDARD : NOTIFICATION OF THE NATIONAL ENVIRONMENTAL BOARD CLASS 2, PUBLISHED IN THE ROYAL GOVERNMENT

GAZETTE, VOL. 138, PART 54 D, DATED MARCH 11, 2021

CLASS 2 : SOIL QUALITY STANDARDS FOR COMMERCE, AGRICULTURE AND OTHER PURPOSES

SAMPLE (S) ANALYSED ON AS RECEIVED BASIS RESULT (S) REPORTED ON A DRY WEIGHT BASIS

ND : NOT DETECTED

(MISS BENJAWAN VIRIYOTHAI)
LABORATORY SUPERVISOR

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

ANALYSIS REPORT

PROJECT NAME : โครงการพัฒนาระบบนิเวศน์และสิ่งแวดล้อมตามแผนแม่บทระบบนิเวศน์และสิ่งแวดล้อม L51/43
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHORN BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : juteip.p@apicoll.com
SAMPLING SOURCE :
SAMPLE TYPE : SOIL
SAMPLING DATE : SEPTEMBER 18, 2024
ISSUE DATE : SEPTEMBER 19 - OCTOBER 4, 2024
SAMPLING TIME : 11:35 HOUR
REPORT NO. : 2024-U093073
SAMPLING METHOD : UNDISTURBED
SAMPLING BY : MR. PRACHAPOL SOPHA
WORK NO. : 2023-007683
ANALYZED BY : MISS JINTASU PA PLANSRI
ANALYSIS NO. : T244V731-0002
RECEIVED DATE : SEPTEMBER 19, 2024
ANALYTICAL DATE : SEPTEMBER 19 - OCTOBER 4, 2024
ISSUE DATE : OCTOBER 7, 2024

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ชนิดที่ 1 วัสดุธรรมชาติ ใน 40-50 มิลลิกรัม T244V731-0002	REGULATORY STANDARD	DETECTION LIMIT
pH (1:1) ^b	-	ELECTROMETRIC METHOD (US EPA 2004: 90450)	7.7 (25°C)	-	-
ELECTRICAL CONDUCTIVITY (1:5) ^c	dSm	ELECTRICAL CONDUCTIVITY METHOD	0.057 (25°C)	-	0.001
CHLORIDE ^c	% w/w	BS 1377: PART 3 : 1990	ND	-	0.01
METALS					
ARSENIC (As) ^c	mg/kg	ACID DIGESTION AND HYDRIDE GENERATION AAS METHOD (US EPA 1996: 3050B AND 1992: 7061A)	8.77	≤ 25	0.100
BARIUM (Ba) ^c	mg/kg	DIGESTION AND INDUCTIVELY COUPLED PLASMA METHOD (US EPA 1996: 3050B AND 2018: 8010D)	87.0	-	0.250
CADMIUM (Cd) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	ND	≤ 762	0.300
HEXAVALENT CHROMIUM (Cr ⁶⁺) ^c	mg/kg	ALKALINE DIGESTION AND COLOURIMETRIC METHOD (US EPA 1996: 3060A AND 1992: 7189A)	ND	≤ 212	0.600
COPPER (Cu) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	4.47	≤ 35,040	0.300
IRON (Fe) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	32,626	-	0.500
LEAD (Pb) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	39.0	≤ 800	1.55
MANGANESE AND COMPOUNDS ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	119	≤ 19,640	0.250
MERCURY (Hg) ^c	mg/kg	ACID DIGESTION AND COLD VAPOUR AAS METHOD (US EPA 2007: 7471B)	ND	≤ 263	0.100
NICKEL (Ni) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	ND	≤ 5,205	1.00
SELENIUM (Se) ^c	mg/kg	ACID DIGESTION AND HYDRIDE GENERATION AAS METHOD (US EPA 1996: 3050B AND 1994: 7742)	0.302	≤ 4,380	0.100

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ชนิดที่ 1 วัสดุธรรมชาติ ใน 40-50 มิลลิกรัม T244V731-0002	REGULATORY STANDARD	DETECTION LIMIT
ZINC (Zn) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	18.8	-	0.350
TOTAL PETROLEUM HYDROCARBON					
TPH (C ₁₀ -C ₂₅) ^c	mg/kg	ULTRASONIC EXTRACTION AND GAS CHROMATOGRAPHIC (FD) METHOD (US EPA 2007: 3550 C AND 2003:8015 D)	ND	-	0.05
TPH (C ₁₀ -C ₂₅) ^c	mg/kg	ULTRASONIC EXTRACTION AND GAS CHROMATOGRAPHIC (FD) METHOD (US EPA 2007: 3550 C AND 2003:8015 D)	ND	-	0.16
TPH (C ₁₀ -C ₂₅) ^c	mg/kg	ULTRASONIC EXTRACTION AND GAS CHROMATOGRAPHIC (FD) METHOD (US EPA 2007: 3550 C AND 2003:8015 D)	ND	-	0.08
VOLATILE ORGANIC COMPOUNDS					
BENZENE ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8260D)	ND	≤ 5	0.01
ETHYLBENZENE ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8260D)	ND	≤ 19,350	0.01
TOLUENE ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8260D)	ND	≤ 40,140	0.01
TOTAL XYLENES ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8260D)	ND	≤ 2,478	0.01
SAMPLE CONDITION					
					BROWN SOIL

^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

REGULATORY STANDARD - NOTIFICATION OF THE NATIONAL ENVIRONMENTAL BOARD CLASS 2, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 138, PART 54 D, DATED MARCH 11, 2021.

CLASS 2 : SOIL QUALITY STANDARDS FOR COMMERCE, AGRICULTURE AND OTHER PURPOSES.

SAMPLE (S) ANALYSED ON AS RECEIVED BASIS. RESULT (S) REPORTED ON A DRY WEIGHT BASIS.

ND : NOT DETECTED.

Payaman V.
(MISS BENJAWAN VIRIYOTHAI)
LABORATORY SUPERVISOR

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TESTING No. 0083

ANALYSIS REPORT

PROJECT NAME : โครงการพัฒนาระบบบำบัดน้ำเสียชุมชนตำบลบ้านใหม่ อำเภอเมือง จังหวัดขอนแก่น
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : jittap.p@apicolic.com
SAMPLE SOURCE : -
SAMPLE TYPE : SOIL
SAMPLING DATE : SEPTEMBER 18, 2024
SAMPLING TIME : 11:40 HOUR
SAMPLING METHOD : UNDISTURBED
SAMPLING BY : MR PRACHAPOL SOPHA
ANALYZED BY : MISS JINTASUPA PLANSRI
RECEIVED DATE : SEPTEMBER 19, 2024
ANALYTICAL DATE : SEPTEMBER 19 - OCTOBER 4, 2024
ISSUE DATE : OCTOBER 7, 2024
REPORT NO. : 2024-U093074
WORK NO. : 2023-007683
ANALYSIS NO. : T24AV731-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ค่าจริง 2 ซ้ำ ค่า 0-10 มิลลิกรัม T24AV731-0003	REGULATORY STANDARD	DETECTION LIMIT
pH (1:1) ^b	-	ELECTROMETRIC METHOD (US EPA 2004: 9045D)	6.7 (25°C)	-	-
ELECTRICAL CONDUCTIVITY (1:5) ^c	dS/m	ELECTRICAL CONDUCTIVITY METHOD	0.028 (25°C)	-	0.001
CHLORIDE ^c	% WW	BS 1377: PART 3: 1990	ND	-	0.01
METALS					
ARSENIC (As) ^c	mg/kg	ACID DIGESTION AND HYDRIDE GENERATION AAS METHOD (US EPA 1996: 3050B AND 1992: 7061A)	11.5	≤ 25	0.100
BARIUM (Ba) ^c	mg/kg	DIGESTION AND INDUCTIVELY COUPLED PLASMA METHOD (US EPA 1996: 3050B AND 2018: 6010D)	179	-	0.250
CADMIUM (Cd) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	ND	≤ 762	0.300
HEXAVALENT CHROMIUM (Cr ^{VI}) ^c	mg/kg	ALKALINE DIGESTION AND COLOURIMETRIC METHOD (US EPA 1996: 3060A AND 1992: 7166A)	ND	≤ 212	0.600
COPPER (Cu) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	5.27	≤ 35,040	0.300
IRON (Fe) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	117,262	-	0.500
LEAD (Pb) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	47.9	≤ 800	1.55
MANGANESE AND COMPOUNDS ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	33.3	≤ 19,640	0.250
MERCURY (Hg) ^c	mg/kg	ACID DIGESTION AND COLD VAPOUR AAS METHOD (US EPA 2007: 1631B)	ND	≤ 263	0.100
NICKEL (Ni) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	ND	≤ 5,205	1.00
SELENIUM (Se) ^c	mg/kg	ACID DIGESTION AND HYDRIDE GENERATION AAS METHOD (US EPA 1996: 3050B AND 1994: 7142)	0.375	≤ 4,380	0.100

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TESTING No. 0083

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ค่าจริง 2 ซ้ำ ค่า 0-10 มิลลิกรัม T24AV731-0003	REGULATORY STANDARD	DETECTION LIMIT
ZINC (Zn) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	212	-	0.350
TOTAL PETROLEUM HYDROCARBON					
TPH (C ₆ -C ₁₀) ^c	mg/kg	ULTRASONIC EXTRACTION AND GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2007: 3550 C AND 2003: 8015 D)	ND	-	0.05
TPH (C ₆ -C ₁₀) ^c	mg/kg	ULTRASONIC EXTRACTION AND GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2007: 3550 C AND 2003: 8015 D)	ND	-	0.15
TPH (C ₆ -C ₁₀) ^c	mg/kg	ULTRASONIC EXTRACTION AND GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2007: 3550 C AND 2003: 8015 D)	ND	-	0.08
VOLATILE ORGANIC COMPOUNDS					
BENZENE ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8260D)	ND	≤ 5	0.01
ETHYL BENZENE ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8260D)	ND	≤ 10,350	0.01
TOLUENE ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8260D)	ND	≤ 40,140	0.01
TOTAL XYLENES ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8260D)	ND	≤ 2,478	0.01
SAMPLE CONDITION					
BROWN SOIL					

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REGULATORY STANDARD : NOTIFICATION OF THE NATIONAL ENVIRONMENTAL BOARD CLASS 2, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 138, PART 54 D, DATED MARCH 11, 2021
CLASS 2 : SOIL QUALITY STANDARDS FOR COMMERCE, AGRICULTURE AND OTHER PURPOSES
SAMPLE (S) ANALYSED ON AS RECEIVED BASIS RESULT (S) REPORTED ON A DRY WEIGHT BASIS.
ND : NOT DETECTED.

Prayawan V.
(MISS BENJAWAN VIRIYOTHAI)
LABORATORY SUPERVISOR

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ANALYSIS REPORT

PROJECT NAME : โครงการสำรวจดินเพื่อประเมินผลกระทบสิ่งแวดล้อมและสุขภาพ (EIA) สำหรับโครงการก่อสร้างและดำเนินการโรงงานผลิตและจำหน่ายสินค้าเกษตรอินทรีย์
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHORN BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : jirapip.p@apicoll.com
SAMPLING SOURCE : -
SAMPLE TYPE : SOIL
SAMPLING DATE : SEPTEMBER 18, 2024
SAMPLING TIME : 11:45 HOUR
SAMPLING METHOD : UNDISTURBED
SAMPLING BY : MR. PRACHAPOL SOPHA
ANALYZED BY : MISS JINTASUPA PLANISRI

RECEIVED DATE : SEPTEMBER 19, 2024
ANALYTICAL DATE : SEPTEMBER 19 - OCTOBER 4, 2024
ISSUE DATE : OCTOBER 7, 2024
REPORT NO. : 2024-U093075
WORK NO. : 2023-007683
ANALYSIS NO. : T244V731-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ตามข้อ 2 ของมาตรฐาน ใน 40-50 ธาตุ T244V731-0004	REGULATORY STANDARD	DETECTION LIMIT
pH (1:1) ^b	-	ELECTROMETRIC METHOD (US EPA 2004: 9045D)	7.4 (25°C)	-	-
ELECTRICAL CONDUCTIVITY (1%) ^c	dS/m	ELECTRICAL CONDUCTIVITY METHOD	0.041 (25°C)	-	0.001
CHLORIDE ^c	% w/w	BS 1377: PART 3 : 1990	ND	-	0.01
METALS					
ARSENIC (As) ^c	mg/kg	ACID DIGESTION AND HYDRIDE GENERATION AAS METHOD (US EPA 1996: 3050B AND 1992: 7061A)	7.18	≤ 25	0.100
BARIUM (Ba) ^c	mg/kg	DIGESTION AND INDUCTIVELY COUPLED PLASMA METHOD (US EPA 1996: 3050B AND 2018: 6010D)	137	-	0.250
CADMIUM (Cd) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	ND	≤ 762	0.300
HEXAVALENT CHROMIUM (Cr ⁶⁺) ^c	mg/kg	ALKALINE DIGESTION AND COLOURIMETRIC METHOD (US EPA 1996: 3060A AND 1992: 7188A)	ND	≤ 212	0.600
COPPER (Cu) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	4.06	≤ 35,040	0.300
IRON (Fe) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	20,297	-	0.500
LEAD (Pb) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	48.0	≤ 800	1.55
MANGANESE AND COMPOUNDS ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	20.9	≤ 19,640	0.250
MERCURY (Hg) ^c	mg/kg	ACID DIGESTION AND COLD VAPOUR AAS METHOD (US EPA 2007: 7471E)	ND	≤ 283	0.100
NICKEL (Ni) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	ND	≤ 5,205	1.00
SELENIUM (Se) ^c	mg/kg	ACID DIGESTION AND HYDRIDE GENERATION AAS METHOD (US EPA 1996: 3050B AND 1994: 7742)	0.83	≤ 4,380	0.100

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ตามข้อ 2 ของมาตรฐาน ใน 40-50 ธาตุ T244V731-0004	REGULATORY STANDARD	DETECTION LIMIT
ZINC (Zn) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	216	-	0.350
TOTAL PETROLEUM HYDROCARBON					
TPH (C ₆ -C ₁₀) ^c	mg/kg	ULTRASONIC EXTRACTION AND GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2007: 3550 C AND 2003: 8015 D)	ND	-	0.05
TPH (C ₆ -C ₂₀) ^c	mg/kg	ULTRASONIC EXTRACTION AND GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2007: 3550 C AND 2003: 8015 D)	ND	-	0.16
TPH (C ₆ -C ₃₀) ^c	mg/kg	ULTRASONIC EXTRACTION AND GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2007: 3550 C AND 2003: 8015 D)	ND	-	0.08
VOLATILE ORGANIC COMPOUNDS					
BENZENE ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8290D)	ND	≤ 5	0.01
ETHYLBENZENE ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8290D)	ND	≤ 19,350	0.01
TOLUENE ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8290D)	ND	≤ 40,140	0.01
TOTAL XYLENES ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8290D)	ND	≤ 2,478	0.01
SAMPLE CONDITION					
					BROWN SOIL

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

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

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REGULATORY STANDARD : NOTIFICATION OF THE NATIONAL ENVIRONMENTAL BOARD CLASS 2, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 138, PART 54 D, DATED MARCH 11, 2021

CLASS 2 : SOIL QUALITY STANDARDS FOR COMMERCE, AGRICULTURE AND OTHER PURPOSES.

SAMPLE (S) ANALYSED ON AS RECEIVED BASIS. RESULT (S) REPORTED ON A DRY WEIGHT BASIS.

ND : NOT DETECTED

Peyawan V.
(MISS BEUWAN VRIYOTHAI)
LABORATORY SUPERVISOR

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United Analyst and Engineering Consultant Co., Ltd.

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Tel.0 2763 2828 Fax 0 2763 2800 www.laeconsultant.com E-mail: lae@laeconsultant.com

CONSULTANT COMPANY LIMITED

ANALYSIS REPORT

PROJECT NAME : เทศบาลเมืองหาดใหญ่

CUSTOMER NAME : AFICO (KHORAT) COMPANY LIMITED

ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120

CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : jirapip@apicollc.com

SAMPLING SOURCE : -

SAMPLE TYPE : SOIL

RECEIVED DATE : SEPTEMBER 19, 2024

ANALYTICAL DATE : SEPTEMBER 19 - OCTOBER 4, 2024

SAMPLING DATE : SEPTEMBER 18, 2024

ISSUE DATE : OCTOBER 7, 2024

SAMPLING TIME : 12:15 HOUR

REPORT NO. : 2024-U093076

SAMPLING METHOD : UNDISTURBED

SAMPLING BY : MR PRACHAPOL SOPHA

WORK NO. : 2023-007683

ANALYZED BY : MISS JINTASUJA PLANSRI

ANALYSIS NO. : T24W731-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ค่าเฉลี่ย 3 ซ้ำ ใน 0-10 ซม. T24W731-0005	REGULATORY STANDARD	DETECTION LIMIT
pH (1:1) ^b	-	ELECTROMETRIC METHOD (US EPA 2004: 9045D)	6.6 (25°C)	-	-
ELECTRICAL CONDUCTIVITY (1:5) ^c	dS/m	ELECTRICAL CONDUCTIVITY METHOD	0.038 (25°C)	-	0.001
CHLORIDE ^c	% w/w	BS 1377: PART 3: 1990	ND	-	0.01
METALS					
ARSENIC (As) ^c	mg/kg	ACID DIGESTION AND HYDRIDE GENERATION AAS METHOD (US EPA 1996: 3050B AND 1992: 7051A)	8.55	≤ 25	0.100
BARIUM (Ba) ^c	mg/kg	DIGESTION AND INDUCTIVELY COUPLED PLASMA METHOD (US EPA 1996: 3050B AND 2018: 6010D)	79.2	-	0.250
CADMIUM (Cd) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	ND	≤ 762	0.300
HEXAVALENT CHROMIUM (Cr ⁶⁺) ^c	mg/kg	ALKALINE DIGESTION AND COLOURIMETRIC METHOD (US EPA 1996: 3090A AND 1992: 7166A)	ND	≤ 212	0.000
COPPER (Cu) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	4.36	≤ 35,040	0.300
IRON (Fe) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	10,801	-	0.500
LEAD (Pb) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	36.4	≤ 800	1.55
MANGANESE AND COMPOUNDS ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	15.2	≤ 19,640	0.250
MERCURY (Hg) ^c	mg/kg	ACID DIGESTION AND COLD VAPOUR AAS METHOD (US EPA 2007: 1631B)	ND	≤ 263	0.100
NICKEL (Ni) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	2.35	≤ 5,205	1.00
SELENIUM (Se) ^c	mg/kg	ACID DIGESTION AND HYDRIDE GENERATION AAS METHOD (US EPA 1996: 3050B AND 1994: 7742)	0.168	≤ 4,380	0.100

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CONSULTANT COMPANY LIMITED

ANALYSIS REPORT

PROJECT NAME : เทศบาลเมืองหาดใหญ่

CUSTOMER NAME : AFICO (KHORAT) COMPANY LIMITED

ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120

CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : jirapip@apicollc.com

SAMPLING SOURCE : -

SAMPLE TYPE : SOIL

RECEIVED DATE : SEPTEMBER 19, 2024

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SAMPLING DATE : SEPTEMBER 18, 2024

ISSUE DATE : OCTOBER 7, 2024

SAMPLING TIME : 12:15 HOUR

REPORT NO. : 2024-U093076

SAMPLING METHOD : UNDISTURBED

SAMPLING BY : MR PRACHAPOL SOPHA

WORK NO. : 2023-007683

ANALYZED BY : MISS JINTASUJA PLANSRI

ANALYSIS NO. : T24W731-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ค่าเฉลี่ย 3 ซ้ำ ใน 0-10 ซม. T24W731-0005	REGULATORY STANDARD	DETECTION LIMIT
ZINC (Zn) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	15.9	-	0.350
TOTAL PETROLEUM HYDROCARBON					
TPH (C ₆ -C ₁₀) ^c	mg/kg	ULTRASONIC EXTRACTION AND GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2007: 3550 C AND 2003: 8015 D)	ND	-	0.05
TPH (C ₆ -C ₂₀) ^c	mg/kg	ULTRASONIC EXTRACTION AND GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2007: 3550 C AND 2003: 8015 D)	ND	-	0.16
TPH (C ₂₀ -C ₃₀) ^c	mg/kg	ULTRASONIC EXTRACTION AND GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2007: 3550 C AND 2003: 8015 D)	ND	-	0.06
VOLATILE ORGANIC COMPOUNDS					
BENZENE ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8260D)	ND	≤ 5	0.01
ETHYLBENZENE ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8260D)	ND	≤ 19,350	0.01
TOLUENE ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8260D)	ND	≤ 40,140	0.01
TOTAL XYLENES ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8260D)	ND	≤ 2,478	0.01
SAMPLE CONDITION					
BROWN SOIL					

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

REGULATORY STANDARD : NOTIFICATION OF THE NATIONAL ENVIRONMENTAL BOARD CLASS 2, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 138, PART 54 D, DATED MARCH 11, 2021.

CLASS 2 : SOIL QUALITY STANDARDS FOR COMMERCE, AGRICULTURE AND OTHER PURPOSES.

SAMPLE (S) ANALYSED ON AS RECEIVED BASIS. RESULT (S) REPORTED ON A DRY WEIGHT BASIS.

ND : NOT DETECTED.

(MISS BENJAWAN VIRIYOTHA)
LABORATORY SUPERVISOR

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- End of Analysis Report -

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ISO 17025:2017 CERTIFIED
BY BS GROUP (THAILAND) CO., LTD.

2024-U093076

ANALYSIS REPORT

PROJECT NAME : โครงการก่อสร้างและปรับปรุงระบบบำบัดน้ำเสียชุมชนตำบลลำไย อำเภอลำลูกกา จังหวัดปทุมธานี
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YIN NAWA SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : jutatip@apicokk.com
SAMPLING SOURCE : -
SAMPLE TYPE : SOIL
SAMPLING DATE : SEPTEMBER 18, 2024
ANALYTICAL DATE : SEPTEMBER 19 - OCTOBER 4, 2024
SAMPLING TIME : 12:05 HOUR
ISSUE DATE : OCTOBER 7, 2024
SAMPLING METHOD : UNDISTURBED
REPORT NO. : 2024-0093078
SAMPLING BY : MR PRACHACHOL SOPHA
WORK NO. : 2023-007683
ANALYZED BY : MISS JINTASUPA PLANSRI
ANALYSIS NO. : T24V731-0007

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ค่าเฉลี่ย 4 ร่องตรวจ ใน 0-10 ซม. T24V731-0007	REGULATORY STANDARD	DETECTION LIMIT
pH (1:1) ^b	-	ELECTROMETRIC METHOD (US EPA 2004: 9040)	5.2 (25°C)	-	-
ELECTRICAL CONDUCTIVITY (1:5) ^c	dS/m	ELECTRICAL CONDUCTIVITY METHOD (US EPA 2004: 9040)	0.0 % (25°C)	-	0.001
CHLORIDE ^e	% w/w	BS 1377 - PART 3: 1990	ND	-	0.01
METALS					
ARSENIC (As) ^c	mg/kg	ACID DIGESTION AND HYDRIDE GENERATION AAS METHOD (US EPA 1996: 3050B AND 1992: 7061A)	7.95	≤ 25	0.100
BARIUM (Ba) ^c	mg/kg	DIGESTION AND INDUCTIVELY COUPLED PLASMA METHOD (US EPA 1996: 3050B AND 2018: 80100)	58.3	-	0.250
CADMIUM (Cd) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	ND	≤ 762	0.300
HEXAVALENT CHROMIUM (Cr ⁶⁺) ^c	mg/kg	ALKALINE DIGESTION AND COLOURIMETRIC METHOD (US EPA 1996: 3060A AND 1992: 7196A)	ND	≤ 212	0.600
COPPER (Cu) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	5.28	≤ 35,040	0.300
IRON (Fe) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	7,337	-	0.500
LEAD (Pb) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	16.6	≤ 800	1.35
MANGANESE AND COMPOUNDS ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	116	≤ 19,640	0.250
MERCURY (Hg) ^c	mg/kg	ACID DIGESTION AND COLD VAPOUR AAS METHOD (US EPA 2007: 7470B)	ND	≤ 263	0.100
NICKEL (Ni) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	2.81	≤ 5,205	100
SELENIUM (Se) ^c	mg/kg	ACID DIGESTION AND HYDRIDE GENERATION AAS METHOD (US EPA 1996: 3050B AND 1994: 7742)	0.160	≤ 4,380	0.100

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ANALYSIS REPORT

PROJECT NAME : โครงการก่อสร้างและปรับปรุงระบบบำบัดน้ำเสียชุมชนตำบลลำไย อำเภอลำลูกกา จังหวัดปทุมธานี
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YIN NAWA SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : jutatip@apicokk.com
SAMPLING SOURCE : -
SAMPLE TYPE : SOIL
SAMPLING DATE : SEPTEMBER 18, 2024
ANALYTICAL DATE : SEPTEMBER 19 - OCTOBER 4, 2024
SAMPLING TIME : 12:05 HOUR
ISSUE DATE : OCTOBER 7, 2024
SAMPLING METHOD : UNDISTURBED
REPORT NO. : 2024-0093078
SAMPLING BY : MR PRACHACHOL SOPHA
WORK NO. : 2023-007683
ANALYZED BY : MISS JINTASUPA PLANSRI
ANALYSIS NO. : T24V731-0007

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ค่าเฉลี่ย 4 ร่องตรวจ ใน 0-10 ซม. T24V731-0007	REGULATORY STANDARD	DETECTION LIMIT
pH (1:1) ^b	-	ELECTROMETRIC METHOD (US EPA 2004: 9040)	5.2 (25°C)	-	-
ELECTRICAL CONDUCTIVITY (1:5) ^c	dS/m	ELECTRICAL CONDUCTIVITY METHOD (US EPA 2004: 9040)	0.0 % (25°C)	-	0.001
CHLORIDE ^e	% w/w	BS 1377 - PART 3: 1990	ND	-	0.01
METALS					
ARSENIC (As) ^c	mg/kg	ACID DIGESTION AND HYDRIDE GENERATION AAS METHOD (US EPA 1996: 3050B AND 1992: 7061A)	7.95	≤ 25	0.100
BARIUM (Ba) ^c	mg/kg	DIGESTION AND INDUCTIVELY COUPLED PLASMA METHOD (US EPA 1996: 3050B AND 2018: 80100)	58.3	-	0.250
CADMIUM (Cd) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	ND	≤ 762	0.300
HEXAVALENT CHROMIUM (Cr ⁶⁺) ^c	mg/kg	ALKALINE DIGESTION AND COLOURIMETRIC METHOD (US EPA 1996: 3060A AND 1992: 7196A)	ND	≤ 212	0.600
COPPER (Cu) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	5.28	≤ 35,040	0.300
IRON (Fe) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	7,337	-	0.500
LEAD (Pb) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	16.6	≤ 800	1.35
MANGANESE AND COMPOUNDS ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	116	≤ 19,640	0.250
MERCURY (Hg) ^c	mg/kg	ACID DIGESTION AND COLD VAPOUR AAS METHOD (US EPA 2007: 7470B)	ND	≤ 263	0.100
NICKEL (Ni) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	2.81	≤ 5,205	100
SELENIUM (Se) ^c	mg/kg	ACID DIGESTION AND HYDRIDE GENERATION AAS METHOD (US EPA 1996: 3050B AND 1994: 7742)	0.160	≤ 4,380	0.100

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ANALYSIS REPORT

PROJECT NAME : โครงการพัฒนาระบบบำบัดน้ำเสียชุมชนตำบลบางพลีใหญ่ อำเภอเมือง จังหวัดสมุทรสาคร
CUSTOMER NAME : APICO (KHOHAT) COMPANY LIMITED
ADDRESS : SUITE 2610 ENPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHORN BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9598 4651 e-mail : jkatiap.p@apicollc.com
SAMPLING SOURCE : -
SAMPLE TYPE : SOIL
SAMPLING DATE : SEPTEMBER 18, 2024
SAMPLING TIME : 12:10 HOUR
SAMPLING METHOD : UNDISTURBED
SAMPLING BY : MR PRACHACHOL SOPHA
ANALYZED BY : MISS JINTASUPA PLANSRI

RECEIVED DATE : SEPTEMBER 19, 2024
ANALYTICAL DATE : SEPTEMBER 19 - OCTOBER 4, 2024
ISSUE DATE : OCTOBER 7, 2024
REPORT NO. : 2024-U093080
WORK NO. : 2023-007683
ANALYSIS NO. : T244V731-0008

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ตามข้อ 4 ของมาตรฐาน ใน 40-50 นาที T244V731-0008	REGULATORY STANDARD	DETECTION LIMIT
pH (1:1) ^a	-	ELECTROMETRIC METHOD (US EPA 2004: 9045D)	4.6 (25°C)	-	-
ELECTRICAL CONDUCTIVITY (1:5) ^c	dS/m	ELECTRICAL CONDUCTIVITY METHOD	0.019 (25°C)	-	0.001
CHLORIDE ^c	% w/w	BS 5377: PART3: 1990	ND	-	0.01
METALS					
ARSENIC (As) ^c	mg/kg	ACID DIGESTION AND HYDRIDE GENERATION AAS METHOD (US EPA 1996: 3050B AND 1992: 7061A)	6.76	≤ 25	0.100
BARIUM (Ba) ^c	mg/kg	DIGESTION AND INDUCTIVELY COUPLED PLASMA METHOD (US EPA 1996: 3050B AND 2018: 6010D)	52.5	-	0.250
CADMIUM (Cd) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	ND	≤ 762	0.300
HEXAVALENT CHROMIUM (Cr ⁶⁺) ^c	mg/kg	ALKALINE DIGESTION AND COLOURIMETRIC METHOD (US EPA 1996: 3060A AND 1992: 7189A)	ND	≤ 212	0.600
COPPER (Cu) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	7.10	≤ 35,040	0.300
IRON (Fe) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	15.57	-	0.500
LEAD (Pb) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	18.7	≤ 800	1.55
MANGANESE AND COMPOUNDS ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	29.3	≤ 19,640	0.250
MERCURY (Hg) ^c	mg/kg	ACID DIGESTION AND COLD VAPOUR AAS METHOD (US EPA 2007: 7471B)	ND	≤ 263	0.100
NICKEL (Ni) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	3.90	≤ 5,205	1.00
SELENIUM (Se) ^c	mg/kg	ACID DIGESTION AND HYDRIDE GENERATION AAS METHOD (US EPA 1996: 3050B AND 1994: 7742)	0.266	≤ 4,380	0.100

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ตามข้อ 4 ของมาตรฐาน ใน 40-50 นาที T244V731-0008	REGULATORY STANDARD	DETECTION LIMIT
ZINC (Zn) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	15.4	-	0.350
TOTAL PETROLEUM HYDROCARBON					
TPH (C ₆ -C ₁₀) ^c	mg/kg	ULTRASONIC EXTRACTION AND GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2007: 3550 C AND 2003:8015 D)	ND	-	0.05
TPH (C ₆ -C ₂₀) ^c	mg/kg	ULTRASONIC EXTRACTION AND GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2007: 3550 C AND 2003:8015 D)	ND	-	0.16
TPH (C ₆ -C ₃₀) ^c	mg/kg	ULTRASONIC EXTRACTION AND GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2007: 3550 C AND 2003:8015 D)	ND	-	0.08
VOLATILE ORGANIC COMPOUNDS					
BENZENE ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8260D)	ND	≤ 5	0.01
ETHYLBENZENE ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8260D)	ND	≤ 19,350	0.01
TOLUENE ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8260D)	ND	≤ 40,140	0.01
TOTAL XYLENES ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8260D)	ND	≤ 2,478	0.01
SAMPLE CONDITION			BROWN SOIL		

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

REGULATORY STANDARD : NOTIFICATION OF THE NATIONAL ENVIRONMENTAL BOARD CLASS 2, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 138, PART 54 D, DATED MARCH 11, 2021

CLASS 2 : SOIL QUALITY STANDARDS FOR COMMERCE, AGRICULTURE AND OTHER PURPOSES.

SAMPLE (S) ANALYSED ON AS RECEIVED BASIS. RESULT (S) REPORTED ON A DRY WEIGHT BASIS.

ND : NOT DETECTED.

(MISS BENJAWAN VIRIYOTHAI)
LABORATORY SUPERVISOR

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2024-U093080

ANALYSIS REPORT

PROJECT NAME : โครงการก่อสร้างรถไฟฟ้าสายสีน้ำเงินส่วนต่อขยาย สถานี L5/L43 กรุงเทพมหานคร กรุงเทพมหานคร
CUSTOMER NAME : APICO (KHOBAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : jirapap.p@apicoc.com
SAMPLING SOURCE : -
SAMPLE TYPE : SOIL
SAMPLING DATE : SEPTEMBER 18, 2024
SAMPLING TIME : 11:55 HOUR
SAMPLING METHOD : UNDISTURBED
SAMPLING BY : MR PRACHACHOL SOPHA
ANALYZED BY : MISS JINTASUPA PLANSRI
RECEIVED DATE : SEPTEMBER 19, 2024
ANALYTICAL DATE : SEPTEMBER 19 - OCTOBER 4, 2024
ISSUE DATE : OCTOBER 7, 2024
REPORT NO. : 2024-U093081
WORK NO. : 2023-007683
ANALYSIS NO. : T24AV731-0009

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ตามข้อ 5 ของมาตรฐาน T24AV731-0009 ใน 0-10 ซม.	REGULATORY STANDARD	DETECTION LIMIT
pH (1:1) ^b	-	ELECTROMETRIC METHOD (US EPA 2004: 9045D)	5.3 (25°C)	-	-
ELECTRICAL CONDUCTIVITY (1:5) ^c	dS/m	ELECTRICAL CONDUCTIVITY METHOD	0.013 (25°C)	-	0.001
CHLORIDE ^c	% w/w	BS 1177 : PART 3 : 1990	ND	-	0.01
METALS					
ARSENIC (As) ^c	mg/kg	ACID DIGESTION AND HYDRIDE GENERATION AAS METHOD (US EPA 1996: 3050B AND 1992.7061A)	ND	≤ 25	0.100
BARIUM (Ba) ^c	mg/kg	DIGESTION AND INDUCTIVELY COUPLED PLASMA METHOD (US EPA 1996: 3005B AND 2018: 6010D)	79.9	-	0.250
CADMIUM (Cd) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	ND	≤ 762	0.300
HEXAVALENT CHROMIUM (Cr ^{VI}) ^c	mg/kg	ALKALINE DIGESTION AND COLOURIMETRIC METHOD (US EPA 1996: 3050A AND 1992.7165A)	ND	≤ 212	0.000
COPPER (Cu) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	10.4	≤ 35,040	0.300
IRON (Fe) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	57.677	-	0.500
LEAD (Pb) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	32.2	≤ 800	1.55
MANGANESE AND COMPOUNDS ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	22.3	≤ 19,640	0.250
MERCURY (Hg) ^c	mg/kg	ACID DIGESTION AND COLD VAPOUR AAS METHOD (US EPA 2007: 7471B)	ND	≤ 263	0.100
NICKEL (Ni) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	ND	≤ 5,205	1.00
SELENIUM (Se) ^c	mg/kg	ACID DIGESTION AND HYDRIDE GENERATION AAS METHOD (US EPA 1996: 3050B AND 1994.1742)	0.836	≤ 4,380	0.100

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* THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ตามข้อ 5 ของมาตรฐาน T24AV731-0009 ใน 0-10 ซม.	REGULATORY STANDARD	DETECTION LIMIT
ZINC (Zn) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	13.1	-	0.350
TOTAL PETROLEUM HYDROCARBON					
TPH (C ₆ -C ₁₀) ^c	mg/kg	ULTRASONIC EXTRACTION AND GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2007:3550 C AND 2003:8015 D)	ND	-	0.05
TPH (C ₆ -C ₂₀) ^c	mg/kg	ULTRASONIC EXTRACTION AND GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2007:3550 C AND 2003:8015 D)	ND	-	0.16
TPH (C ₆ -C ₃₀) ^c	mg/kg	ULTRASONIC EXTRACTION AND GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2007:3550 C AND 2003:8015 D)	ND	-	0.08
VOLATILE ORGANIC COMPOUNDS					
BENZENE ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8290D)	ND	≤ 5	0.01
ETHYLBENZENE ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8290D)	ND	≤ 19,350	0.01
TOLUENE ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8290D)	ND	≤ 40,140	0.01
TOTAL XYLENES ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8290D)	ND	≤ 2,478	0.01
SAMPLE CONDITION					
BROWN SOIL					

^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

REGULATORY STANDARD : NOTIFICATION OF THE NATIONAL ENVIRONMENTAL BOARD CLASS 2, PUBLISHED IN THE ROYAL GOVERNMENT

GAZETTE, VOL. 138, PART 54 D, DATED MARCH 11, 2021.

CLASS 2 : SOIL QUALITY STANDARDS FOR COMMERCE, AGRICULTURE AND OTHER PURPOSES

SAMPLE (S) ANALYSED ON AS RECEIVED BASIS RESULT (S) REPORTED ON A DRY WEIGHT BASIS

ND : NOT DETECTED

Payan V.
(MISS BENJAWAN VIRIYOTHAI)
LABORATORY SUPERVISOR

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LAE United Analyst and Engineering Consultant Co., Ltd.
3 Soi Udomsuk 41, Sukhumvit Road, Bangkok, Phrakhanong, Bangkok 10260
Tel: 02 2763 2828 Fax: 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

TESTING
No. 0063

ANALYSIS REPORT

PROJECT NAME : โครงการพัฒนาระบบบำบัดน้ำเสียชุมชน หมู่ 15/43 ตำบลท่าทราย อำเภอเมือง จังหวัดสุพรรณบุรี
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHORN BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9638 4651 e-mail : juiatip.p@apicoll.com
SAMPLING INFORMATION :
SAMPLE TYPE : SOIL
SAMPLING DATE : SEPTEMBER 18, 2024
SAMPLING TIME : 12:00 HOUR
SAMPLING METHOD : UNDISTURBED
SAMPLING BY : MR PRACHAPOL SOPHA
ANALYZED BY : MISS JIRATASUPA PLANSRI

RECEIVED DATE : SEPTEMBER 19, 2024
ANALYTICAL DATE : SEPTEMBER 19 - OCTOBER 4, 2024
ISSUE DATE : OCTOBER 7, 2024
REPORT NO. : 2024-U093082
WORK NO. : 2023-007683
ANALYSIS NO. : T24AV731-0010

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ค่าเฉลี่ย 5 ซ้ำ ใน 40-50 ซม. T24AV731-0010	REGULATORY STANDARD	DETECTION LIMIT
pH (1) ^b	-	ELECTROMETRIC METHOD (US EPA 2004: 9045D)	5.2 (25°C)	-	-
ELECTRICAL CONDUCTIVITY (15) ^c	dSm	ELECTRICAL CONDUCTIVITY METHOD	0.011 (25°C)	-	0.001
CHLORIDE ^c	% w/w	BS 8177 : PART 3 : 1990	ND	-	0.01
METALS					
ARSENIC (As) ^c	mg/kg	ACID DIGESTION AND HYDRIDE GENERATION AAS METHOD (US EPA 1996: 3050B AND 1992: 7061A)	6.07	≤ 25	0.100
BARIUM (Ba) ^c	mg/kg	DIGESTION AND INDUCTIVELY COUPLED PLASMA METHOD (US EPA 1996: 3050B AND 2018: 6010D)	90.9	-	0.250
CADMIUM (Cd) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	ND	≤ 762	0.300
HEXAVALENT CHROMIUM (Cr ⁶⁺) ^c	mg/kg	ALKALINE DIGESTION AND COLOURIMETRIC METHOD (US EPA 1996: 3060A AND 1992: 7186A)	ND	≤ 212	0.600
COPPER (Cu) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	4.65	≤ 35,040	0.300
IRON (Fe) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	16,269	-	0.500
LEAD (Pb) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	23.0	≤ 800	1.55
MANGANESE AND COMPOUNDS ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	18.6	≤ 19,640	0.250
MERCURY (Hg) ^c	mg/kg	ACID DIGESTION AND COLD VAPOUR AAS METHOD (US EPA 2007: 7471B)	ND	≤ 253	0.100
NICKEL (Ni) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	ND	≤ 5,205	1.00
SELENIUM (Se) ^c	mg/kg	ACID DIGESTION AND HYDRIDE GENERATION AAS METHOD (US EPA 1996: 3050B AND 1994: 7742)	0.305	≤ 4,380	0.100

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BY BS GROUP (THAILAND) CO., LTD.



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Tel: 02 2763 2828 Fax: 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

TESTING
No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ค่าเฉลี่ย 5 ซ้ำ ใน 40-50 ซม. T24AV731-0010	REGULATORY STANDARD	DETECTION LIMIT
ZINC (Zn) ^c	mg/kg	ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD (US EPA 1996: 3050B AND 2007: 7000B)	10.4	-	0.350
TOTAL PETROLEUM HYDROCARBON					
TFH (C ₆ -C ₄) ^c	mg/kg	ULTRASONIC EXTRACTION AND GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2007: 3550 C AND 2003: 8015 D)	ND	-	0.05
TFH (C ₆ -C ₁₀) ^c	mg/kg	ULTRASONIC EXTRACTION AND GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2007: 3550 C AND 2003: 8015 D)	ND	-	0.16
TFH (C ₉ -C ₂₅) ^c	mg/kg	ULTRASONIC EXTRACTION AND GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2007: 3550 C AND 2003: 8015 D)	ND	-	0.08
VOLATILE ORGANIC COMPOUNDS					
BENZENE ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8260D)	ND	≤ 5	0.01
ETHYLBENZENE ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8260D)	ND	≤ 19,350	0.01
TOLUENE ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8260D)	ND	≤ 40,740	0.01
TOTAL XYLENES ^c	mg/kg	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (US EPA 2002: 5035A AND 2018: 8260D)	ND	≤ 2,478	0.01
SAMPLE CONDITION					
					BROWN SOIL

^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

REGULATORY STANDARD - NOTIFICATION OF THE NATIONAL ENVIRONMENTAL BOARD CLASS 2, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 138, PART 54 D, DATED MARCH 11, 2021

CLASS 2 : SOIL QUALITY STANDARDS FOR COMMERCE, AGRICULTURE AND OTHER PURPOSES.

SAMPLE (S) ANALYSED ON AS RECEIVED BASIS RESULT (S) REPORTED ON A DRY WEIGHT BASIS

ND : NOT DETECTED.

Payawan V.
(MISS BENJAWAN VIRIYOTHAI)
LABORATORY SUPERVISOR

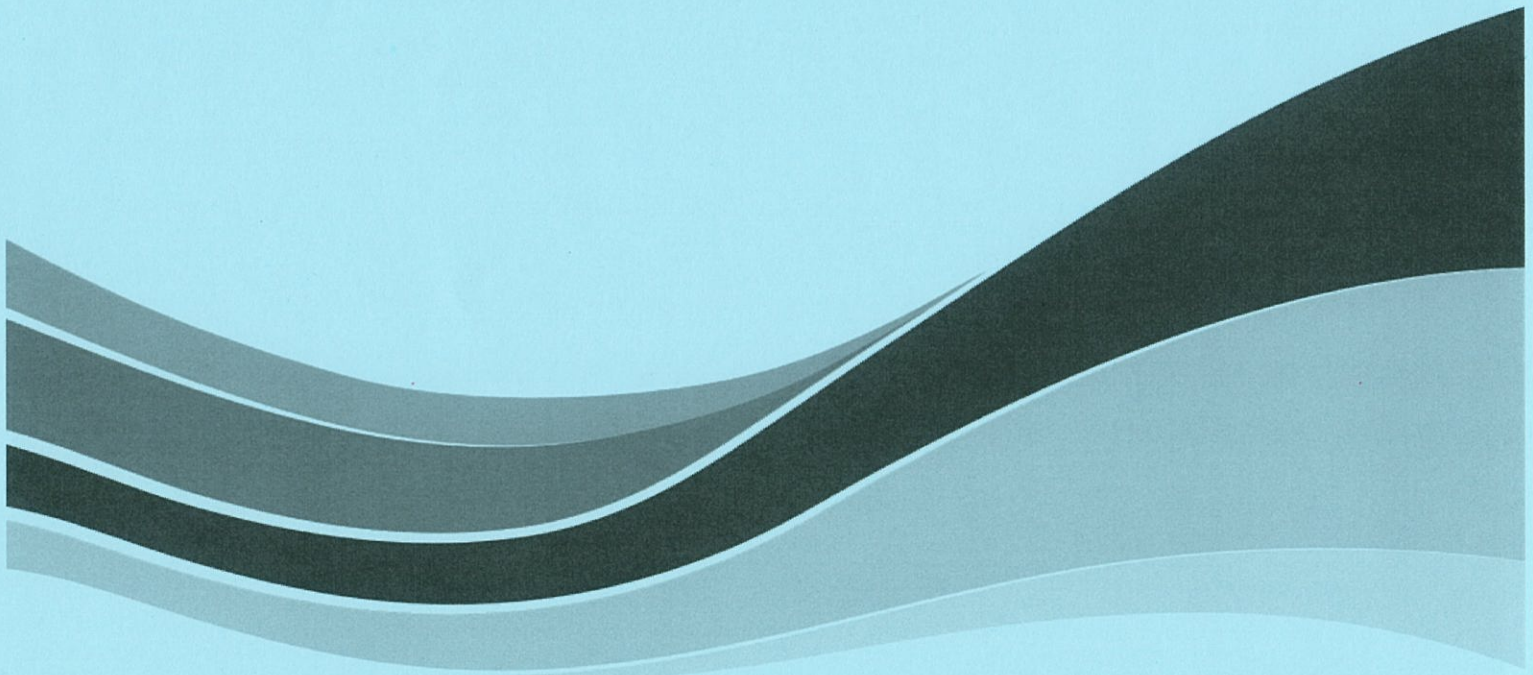
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- End of Analysis Report -

2024-U093082

ภาคผนวก ค-5
คุณภาพน้ำใต้ดิน



ANALYSIS REPORT

PROJECT NAME : โครงการเจาะสำรวจปิโตรเลียมบนบก แปลงสำรวจบนบกเลขที่ L15/43 อำเภอเขาสวนกวาง จังหวัดขอนแก่น
CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED
ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : jutatip.p@apicollc.com
SAMPLING SOURCE : บ่อน้ำต้นบ้านโนนหัวช้าง
SAMPLE TYPE : GROUNDWATER
SAMPLING DATE : SEPTEMBER 17, 2024
SAMPLING TIME : 17:20 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR PRACHCHAPOL SOPHA
ANALYZED BY : MISS KEWALEE SUKHAREE

RECEIVED DATE : SEPTEMBER 19, 2024
ANALYTICAL DATE : SEPTEMBER 19 - OCTOBER 2, 2024
ISSUE DATE : OCTOBER 4, 2024
REPORT NO. : 2024-U092230
WORK NO. : 2023-007683
ANALYSIS NO. : T24AV714-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			GW-1 E T24AV714-0001			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H* B AND 1060 B	6.7 (29.8°C)	-	-	-
ELECTRICAL CONDUCTIVITY ^b	µS/cm	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2510 B AND 1060 B	347 (29.8°C)	-	0.1	-
CHLORIDE ^a	mg/L Cl ⁻	ARGENTOMETRIC METHOD (SM: 4500-Cl ⁻ B)	44.3	-	2.0	-
METALS						
ARSENIC ^c	mg/L As	HYDRIDE GENERATION AAS METHOD (SM: PART 3114 C)	ND	≤ 0.01	0.0003	-
BARIUM ^c	mg/L Ba	NITRIC ACID-HYDROCHLORIC ACID DIGESTION AND INDUCTIVELY COUPLED PLASMA (ICP) METHOD (SM: PART 3030 F AND PART 3120 B)	0.200	-	0.003	-
CADMIUM ^a	mg/L Cd	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	ND	≤ 0.003	0.003	0.010
COPPER ^a	mg/L Cu	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	0.044	≤ 1.0	0.004	0.025
IRON ^c	mg/L Fe	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	44.6	-	0.005	0.050
LEAD ^a	mg/L Pb	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	< LOQ	≤ 0.01	0.007	0.100
MANGANESE ^a	mg/L Mn	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	0.342	≤ 0.5	0.002	0.025
MERCURY ^b	mg/L Hg	IN-HOUSE METHOD: UAE.TP.HEM.002 BASED ON SM: PART 3112 B	ND	≤ 0.001	0.0001	0.0005
NICKEL ^a	mg/L Ni	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	< LOQ	≤ 0.02	0.005	0.050
SELENIUM ^c	mg/L Se	HYDRIDE GENERATION AAS METHOD (SM: PART 3114 C)	ND	≤ 0.01	0.0005	-
TOTAL CHROMIUM ^a	mg/L Cr	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	ND	-	0.007	0.050
ZINC ^a	mg/L Zn	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	4.91	≤ 5.0	0.003	0.025
TOTAL PETROLEUM HYDROCARBON						
TPH (C ₁₀ -C ₁₄) ^c	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	-	0.010	-
TPH (C ₁₅ -C ₂₈) ^c	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	-	0.032	-
TPH (C ₂₉ -C ₃₆) ^c	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	-	0.016	-



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			GW-1 E T24AV714-0001			
VOLATILE ORGANIC COMPOUNDS						
BENZENE ^a	µg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.20	≤ 5	-	0.20
ETHYLBENZENE ^a	µg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.20	≤ 700	-	0.20
TOLUENE ^a	µg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.20	≤ 1,000	-	0.20
TOTAL XYLENES ^a	µg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.60	≤ 10,000	-	0.60
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/TURBID			
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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

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

REGULATORY STANDARD : GROUNDWATER QUALITY STANDARDS, NOTIFICATION OF THE NATIONAL ENVIRONMENT BOARD NO.20 (B.E. 2543) ISSUED UNDER THE ENHANCEMENT AND CONSERVATION OF NATIONAL ENVIRONMENTAL QUALITY ACT B.E. 2535, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 117, SPECIAL PART 95D, DATED SEPTEMBER 15, B.E. 2543 (2000).

^A : CUSTOMER INFORMATION.

ND : NOT DETECTED.

< LOQ : < LIMIT OF QUANTITATION (LEAD ≥ 0.007 AND < 0.100 mg/L, NICKEL ≥ 0.005 AND < 0.050 mg/L).

Benjawan V.

(MISS BENJAWAN VIRIYOTHAI)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME : โครงการเจาะสำรวจปิโตรเลียมบนบก แปลงสำรวจบนบกเลขที่ L15/43 อำเภอเขาสวนกวาง จังหวัดขอนแก่น

CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED

ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120

CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : jutatip.p@apicollc.com

SAMPLING SOURCE : ปอน้ำต้นบ้านโนนสวรรค์

SAMPLE TYPE : GROUNDWATER

SAMPLING DATE : SEPTEMBER 17, 2024

SAMPLING TIME : 16:40 HOUR

SAMPLING METHOD : GRAB

SAMPLING BY : MR PRACHCHAPOL SOPHA

ANALYZED BY : MISS KEWALEE SUKHAREE

RECEIVED DATE : SEPTEMBER 19, 2024

ANALYTICAL DATE : SEPTEMBER 19 - OCTOBER 2, 2024

ISSUE DATE : OCTOBER 4, 2024

REPORT NO. : 2024-U092231

WORK NO. : 2023-007683

ANALYSIS NO. : T24AV714-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			GW-2 E T24AV714-0002			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	6.6 (29.3°C)	-	-	-
ELECTRICAL CONDUCTIVITY ^b	µS/cm	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2510 B AND 1060 B	450 (29.3°C)	-	0.1	-
CHLORIDE ^c	mg/L Cl ⁻	ARGENTOMETRIC METHOD (SM: 4500-Cl ⁻ B)	ND	-	2.0	-
METALS						
ARSENIC ^c	mg/L As	HYDRIDE GENERATION AAS METHOD (SM: PART 3114 C)	ND	≤ 0.01	0.0003	-
BARIUM ^c	mg/L Ba	NITRIC ACID-HYDROCHLORIC ACID DIGESTION AND INDUCTIVELY COUPLED PLASMA (ICP) METHOD (SM: PART 3030 F AND PART 3120 B)	0.666	-	0.003	-
CADMIUM ^a	mg/L Cd	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	ND	≤ 0.003	0.003	0.010
COPPER ^a	mg/L Cu	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	< LOQ	≤ 1.0	0.004	0.025
IRON ^a	mg/L Fe	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	4.63	-	0.005	0.050
LEAD ^a	mg/L Pb	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	< LOQ	≤ 0.01	0.007	0.100
MANGANESE ^a	mg/L Mn	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	0.666	≤ 0.5	0.002	0.025
MERCURY ^b	mg/L Hg	IN-HOUSE METHOD: UAE.TP.HEM.002 BASED ON SM: PART 3112 B	ND	≤ 0.001	0.0001	0.0005
NICKEL ^a	mg/L Ni	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	< LOQ	≤ 0.02	0.005	0.050
SELENIUM ^c	mg/L Se	HYDRIDE GENERATION AAS METHOD (SM: PART 3114 C)	ND	≤ 0.01	0.0005	-
TOTAL CHROMIUM ^a	mg/L Cr	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	ND	-	0.007	0.050
ZINC ^a	mg/L Zn	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	9.63	≤ 5.0	0.003	0.025
TOTAL PETROLEUM HYDROCARBON						
TPH (C ₁₀ -C ₁₄) ^c	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	-	0.010	-
TPH (C ₁₅ -C ₂₈) ^c	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	-	0.032	-
TPH (C ₂₉ -C ₃₆) ^c	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	-	0.016	-



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			GW-2 E T24AV714-0002			
VOLATILE ORGANIC COMPOUNDS						
BENZENE ^a	µg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.20	≤ 5	-	0.20
ETHYLBENZENE ^a	µg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.20	≤ 700	-	0.20
TOLUENE ^a	µg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.20	≤ 1,000	-	0.20
TOTAL XYLENES ^a	µg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.60	≤ 10,000	-	0.60
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/CLEAR			
SEDIMENT			BROWN			

^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, 24th EDITION, 2023.

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

REGULATORY STANDARD : GROUNDWATER QUALITY STANDARDS, NOTIFICATION OF THE NATIONAL ENVIRONMENT BOARD NO.20 (B.E. 2543) ISSUED UNDER THE ENHANCEMENT AND CONSERVATION OF NATIONAL ENVIRONMENTAL QUALITY ACT B.E. 2535, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 117, SPECIAL PART 95D, DATED SEPTEMBER 15, B.E. 2543 (2000).

^A : CUSTOMER INFORMATION.

ND : NOT DETECTED.

< LOQ : < LIMIT OF QUANTITATION (COPPER ≥ 0.004 AND < 0.025 mg/L, LEAD ≥ 0.007 AND < 0.100 mg/L, NICKEL ≥ 0.005 AND < 0.050 mg/L).

Benjawan V.

(MISS BENJAWAN VIRIYOTHAI)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME : โครงการเจาะสำรวจปิโตรเลียมบนบก แปลงสำรวจบนบกเลขที่ L15/43 อำเภอเขาสวนกวาง จังหวัดขอนแก่น

CUSTOMER NAME : APICO (KHORAT) COMPANY LIMITED

ADDRESS : SUITE 2610 EMPIRE TOWER 1 SOUTH SATHORN ROAD YAN NAWA SATHON BANGKOK 10120

CONTACT INFORMATION : TEL : 08 9698 4651 e-mail : jutatip.p@apicollc.com

SAMPLING SOURCE : -

SAMPLE TYPE : GROUNDWATER

SAMPLING DATE : SEPTEMBER 18, 2024

SAMPLING TIME : 11:00 HOUR

SAMPLING METHOD : BALIER

SAMPLING BY : MR PRACHCHAPOL SOPHA

ANALYZED BY : MISS WORAKON PADSONGCHAN

RECEIVED DATE : SEPTEMBER 19, 2024

ANALYTICAL DATE : SEPTEMBER 19 - OCTOBER 2, 2024

ISSUE DATE : OCTOBER 4, 2024

REPORT NO. : 2024-U091923

WORK NO. : 2023-007683

ANALYSIS NO. : T24AV730-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			MONITORING WELL ONSITE T24AV730-0001			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	5.9 (27.4°C)	-	-	-
ELECTRICAL CONDUCTIVITY ^c	µS/cm	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2510 B AND 1060 B	174 (27.4°C)	-	0.1	-
CHLORIDE ^a	mg/L Cl ⁻	ARGENTOMETRIC METHOD (SM: 4500-Cl ⁻ B)	3.4	-	2.0	-
METALS						
ARSENIC ^c	mg/L As	HYDRIDE GENERATION AAS METHOD (SM: PART 3114 C)	0.0020	≤ 0.01	0.0003	-
BARIUM ^c	mg/L Ba	NITRIC ACID-HYDROCHLORIC ACID DIGESTION AND INDUCTIVELY COUPLED PLASMA (ICP) METHOD (SM: PART 3030 F AND PART 3120 B)	0.072	-	0.003	-
CADMIUM ^a	mg/L Cd	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	ND	≤ 0.003	0.003	0.010
COPPER ^a	mg/L Cu	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	< LOQ	≤ 1.0	0.004	0.025
IRON ^a	mg/L Fe	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	5.48	-	0.005	0.050
LEAD ^a	mg/L Pb	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	0.223	≤ 0.01	0.007	0.100
MANGANESE ^a	mg/L Mn	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	0.107	≤ 0.5	0.002	0.025
MERCURY ^b	mg/L Hg	IN-HOUSE METHOD: UAE.TP.HEM.002 BASED ON SM: PART 3112 B	ND	≤ 0.001	0.0001	0.0005
NICKEL ^a	mg/L Ni	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	< LOQ	≤ 0.02	0.005	0.050
SELENIUM ^c	mg/L Se	HYDRIDE GENERATION AAS METHOD (SM: PART 3114 C)	ND	≤ 0.01	0.0005	-
TOTAL CHROMIUM ^{a, b}	mg/L Cr	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	ND	-	0.007	0.050
ZINC ^a	mg/L Zn	UAE.TP.HEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	0.116	≤ 5.0	0.003	0.025
TOTAL PETROLEUM HYDROCARBON						
TPH (C ₁₀ -C ₃₄) ^c	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	-	0.010	-
TPH (C ₁₅ -C ₂₈) ^c	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	-	0.032	-
TPH (C ₂₉ -C ₃₉) ^c	mg/L	GAS CHROMATOGRAPHIC (FID) METHOD (US EPA 2003: 8015D)	ND	-	0.016	-



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			MONITORING WELL ONSITE T24AV730-0001			
VOLATILE ORGANIC COMPOUNDS						
BENZENE ^a	µg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.20	≤ 5	-	0.20
ETHYLBENZENE ^a	µg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.20	≤ 700	-	0.20
TOLUENE ^a	µg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.20	≤ 1,000	-	0.20
TOTAL XYLENES ^a	µg/L	PURGE AND TRAP GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC METHOD (SM: PART 6200 B)	< 0.60	≤ 10,000	-	0.60
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/CLEAR			
SEDIMENT			BROWN			

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