

ภาคผนวก ค

สำเนาใบรับรองผลการตรวจวิเคราะห์

ภาคผนวก ค-1

คุณภาพอากาศในบรรยากาศโดยทั่วไป ระหว่างเดือนมกราคม-มิถุนายน พ.ศ. 2565

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED ((QUARRY MKB2 33319/16003)_2016)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : ANUBAN TUBKWANG SCHOOL
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR THANAT LERTPRASERT
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : MAY 31, 2022
ANALYTICAL DATE : MAY 31 - JUNE 7, 2022
REPORT NO. : 2022-U042969
WORK NO. : 2021-001119
ANALYSIS NO. : T22AK311-0001 - T22AK311-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			ANUBAN TUBKWANG SCHOOL		
			* T22AK311-0001	** T22AK311-0002	*** T22AK311-0003
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.058	0.061	0.060
PARTICULATE MATTER (≤ 10 μm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.035	0.037	0.041
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE

REMARK

TSP, PM10 : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.
TSP : US EPA, CODE OF FEDERAL REGULATION SEARCH RESULTS, 40 CFR-CHAPTER I PART 50, APPENDIX B.
PM10 : US EPA, CODE OF FEDERAL REGULATION SEARCH RESULTS, 40 CFR-CHAPTER I PART 50, APPENDIX J.
* : SAMPLING FROM 09:00 HOUR ON MAY 26, 2022 TO 09:00 HOUR ON MAY 27, 2022.
** : SAMPLING FROM 09:00 HOUR ON MAY 27, 2022 TO 09:00 HOUR ON MAY 28, 2022.
*** : SAMPLING FROM 09:00 HOUR ON MAY 28, 2022 TO 09:00 HOUR ON MAY 29, 2022.

Benjawan V.

(MISS BENJAWAN VIRIYOTHA)
LABORATORY SUPERVISOR

JUNE 8, 2022



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED ((QUARRY MKB2 33319/16003)_2016)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : BAN CHAROENPORN
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR THANAT LERTPRASERT
ANALYZED BY : MISS JETJARAN TUMSA-AT

RECEIVED DATE : MAY 31, 2022
ANALYTICAL DATE : MAY 31 - JUNE 7, 2022
REPORT NO. : 2022-U042970
WORK NO. : 2021-001119
ANALYSIS NO. : T22AK311-0004 - T22AK311-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			BAN CHAROENPORN		
			* T22AK311-0004	** T22AK311-0005	*** T22AK311-0006
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.088	0.083	0.082
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.030	0.028	0.020
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE

REMARK

TSP, PM10 : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.
TSP : US EPA, CODE OF FEDERAL REGULATION SEARCH RESULTS, 40 CFR-CHAPTER I PART 50, APPENDIX B.
PM10 : US EPA, CODE OF FEDERAL REGULATION SEARCH RESULTS, 40 CFR-CHAPTER I PART 50, APPENDIX J.
* : SAMPLING FROM 09:30 HOUR ON MAY 26, 2022 TO 09:30 HOUR ON MAY 27, 2022.
** : SAMPLING FROM 09:30 HOUR ON MAY 27, 2022 TO 09:30 HOUR ON MAY 28, 2022.
*** : SAMPLING FROM 09:30 HOUR ON MAY 28, 2022 TO 09:30 HOUR ON MAY 29, 2022.

Benjawan V.

(MISS BENJAWAN VIRIYOTHAI)
LABORATORY SUPERVISOR

JUNE 8, 2022



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED ((QUARRY MKB2 33319/16003)_2016)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : BAN PAN DIN THONG
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR THANAT LERTPRASERT
ANALYZED BY : MISS JETJARIN TUMSA-AT

RECEIVED DATE : MAY 31, 2022
ANALYTICAL DATE : MAY 31 - JUNE 7, 2022
REPORT NO. : 2022-U042971
WORK NO. : 2021-001119
ANALYSIS NO. : T22AK311-0007 - T22AK311-0009

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			BAN PAN DIN THONG		
			* T22AK311-0007	** T22AK311-0008	*** T22AK311-0009
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.038	0.041	0.067
PARTICULATE MATTER ($\leq 10 \mu\text{m}$)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.026	0.025	0.038
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE

REMARK

TSP, PM10 : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.
TSP : US EPA, CODE OF FEDERAL REGULATION SEARCH RESULTS, 40 CFR-CHAPTER I PART 50, APPENDIX B.
PM10 : US EPA, CODE OF FEDERAL REGULATION SEARCH RESULTS, 40 CFR-CHAPTER I PART 50, APPENDIX J.
* : SAMPLING FROM 10:00 HOUR ON MAY 26, 2022 TO 10:00 HOUR ON MAY 27, 2022.
** : SAMPLING FROM 10:00 HOUR ON MAY 27, 2022 TO 10:00 HOUR ON MAY 28, 2022.
*** : SAMPLING FROM 10:00 HOUR ON MAY 28, 2022 TO 10:00 HOUR ON MAY 29, 2022.

Benjawan V.

(MISS BENJAWAN VIRIYOTHAJ)
LABORATORY SUPERVISOR

JUNE 8, 2022



ภาคผนวก ค-2

ระดับเสียงโดยทั่วไป ระหว่างเดือนมกราคม-มิถุนายน พ.ศ. 2565

ANALYSIS REPORT

PROJECT NAME	: SIAM CITY CEMENT PUBLIC COMPANY LIMITED ((QUARRY MKB2 33319/16003)_2016)	RECEIVED DATE	: MAY 26-29, 2022
CUSTOMER NAME	: SIAM CITY CEMENT PUBLIC COMPANY LIMITED	ANALYTICAL DATE	: MAY 26-29, 2022
ADDRESS	: 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOEI SARABURI 18260	REPORT NO.	: 2022-U042816
CONTACT INFORMATION	: TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM	WORK NO.	: 2021-001119
MEASURING SOURCE	: ANUBAN TUBKWANG SCHOOL	ANALYSIS NO.	: T22AK312-0001 - T22AK312-0003
MEASURING TYPE	: AMBIENT (NOISE)		
MEASURING DATE	: MAY 26-29, 2022		
MEASURING TIME	: *		
MEASURING METHOD	: INTEGRATED SOUND LEVEL METER		
MEASURED BY	: MR THANAT LERTPRASERT		

TIME*	RESULT dB(A)		
	ANUBAN TUBKWANG SCHOOL		
	MAY 26 - 27, 2022		
	T22AK312-0001		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	53.6	75.6	48.7
08:00-09:00 HOUR	54.1	82.7	47.2
09:00-10:00 HOUR	51.7	69.7	47.3
10:00-11:00 HOUR	54.5	74.1	49.9
11:00-12:00 HOUR	59.3	81.2	47.7
12:00-13:00 HOUR	59.7	80.0	51.6
13:00-14:00 HOUR	56.9	78.5	51.3
14:00-15:00 HOUR	56.8	78.0	50.8
15:00-16:00 HOUR	58.3	79.2	48.0
16:00-17:00 HOUR	63.6	83.9	48.7
17:00-18:00 HOUR	49.3	65.8	46.7
18:00-19:00 HOUR	58.7	74.7	48.1
19:00-20:00 HOUR	52.3	61.3	49.3
20:00-21:00 HOUR	51.7	62.3	48.7
21:00-22:00 HOUR	50.8	59.2	48.2
22:00-23:00 HOUR	50.0	71.0	47.1
23:00-00:00 HOUR	50.4	70.0	47.8
00:00-01:00 HOUR	48.6	61.1	47.2
01:00-02:00 HOUR	48.4	70.0	46.7
02:00-03:00 HOUR	47.2	59.3	46.5
03:00-04:00 HOUR	49.0	69.1	46.5
04:00-05:00 HOUR	47.9	74.5	46.6
05:00-06:00 HOUR	51.2	72.1	47.2
06:00-07:00 HOUR	50.7	73.5	47.7
L_{Aeq} 24 hours		55.6	



TIME*	RESULT dB(A)		
	ANUBAN TUBKWANG SCHOOL		
	MAY 27 - 28, 2022		
	T22AK312-0002		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	55.0	77.8	49.2
08:00-09:00 HOUR	59.9	85.9	47.1
09:00-10:00 HOUR	51.5	68.8	48.1
10:00-11:00 HOUR	50.9	67.8	47.9
11:00-12:00 HOUR	53.8	75.4	47.3
12:00-13:00 HOUR	57.8	77.4	49.5
13:00-14:00 HOUR	53.5	83.5	48.6
14:00-15:00 HOUR	59.9	80.2	50.2
15:00-16:00 HOUR	66.4	89.9	52.3
16:00-17:00 HOUR	63.3	89.1	49.8
17:00-18:00 HOUR	51.1	60.7	49.5
18:00-19:00 HOUR	51.0	65.8	49.4
19:00-20:00 HOUR	52.6	68.9	49.5
20:00-21:00 HOUR	49.6	55.2	49.0
21:00-22:00 HOUR	49.5	58.0	48.8
22:00-23:00 HOUR	49.8	71.7	48.3
23:00-00:00 HOUR	49.6	65.9	48.3
00:00-01:00 HOUR	48.7	58.5	48.0
01:00-02:00 HOUR	48.7	64.1	47.7
02:00-03:00 HOUR	48.5	61.8	47.8
03:00-04:00 HOUR	48.4	56.4	47.9
04:00-05:00 HOUR	48.7	67.8	48.1
05:00-06:00 HOUR	51.8	71.1	48.6
06:00-07:00 HOUR	51.1	69.9	48.7
L _{Aeq} 24 hours		56.8	

TIME*	RESULT dB(A)		
	ANUBAN TUBKWANG SCHOOL		
	MAY 28 - 29, 2022		
	T22AK312-0003		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	50.3	71.9	47.9
08:00-09:00 HOUR	50.3	69.3	47.7
09:00-10:00 HOUR	48.7	66.9	46.9
10:00-11:00 HOUR	48.4	65.5	46.4
11:00-12:00 HOUR	47.4	58.9	45.6
12:00-13:00 HOUR	46.3	58.8	44.9
13:00-14:00 HOUR	46.6	71.7	44.8
14:00-15:00 HOUR	48.4	71.1	45.1
15:00-16:00 HOUR	46.4	67.2	44.2
16:00-17:00 HOUR	46.7	63.6	44.8
17:00-18:00 HOUR	46.4	61.7	44.8
18:00-19:00 HOUR	49.2	59.2	46.2
19:00-20:00 HOUR	49.3	73.2	47.1
20:00-21:00 HOUR	51.1	77.7	46.6
21:00-22:00 HOUR	47.4	57.2	46.2
22:00-23:00 HOUR	48.3	67.1	46.1
23:00-00:00 HOUR	47.8	66.0	45.5
00:00-01:00 HOUR	45.9	57.0	44.9
01:00-02:00 HOUR	46.2	65.2	44.4
02:00-03:00 HOUR	45.1	58.2	44.1
03:00-04:00 HOUR	44.9	57.6	43.9
04:00-05:00 HOUR	45.8	61.3	44.6
05:00-06:00 HOUR	51.3	72.9	45.9
06:00-07:00 HOUR	48.0	63.6	45.8
L _{Aeq} 24 hours		48.1	

Sila Banjongjairuk

(MR SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR

JUNE 8, 2022

ANALYSIS REPORT

PROJECT NAME	: SIAM CITY CEMENT PUBLIC COMPANY LIMITED ((QUARRY MKB2 33319/16003)_2016)	RECEIVED DATE	: MAY 26-29, 2022
CUSTOMER NAME	: SIAM CITY CEMENT PUBLIC COMPANY LIMITED	ANALYTICAL DATE	: MAY 26-29, 2022
ADDRESS	: 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOI SARABURI 18260	REPORT NO.	: 2022-U042817
CONTACT INFORMATION	: TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM	WORK NO.	: 2021-001119
MEASURING SOURCE	: BAN CHAROENPORN	ANALYSIS NO.	: T22AK312-0004 - T22AK312-0006
MEASURING TYPE	: AMBIENT (NOISE)		
MEASURING DATE	: MAY 26-29, 2022		
MEASURING TIME	: *		
MEASURING METHOD	: INTEGRATED SOUND LEVEL METER		
MEASURED BY	: MR THANAT LERTPRASERT		

TIME*	RESULT dB(A)		
	BAN CHAROENPORN		
	MAY 26 - 27, 2022		
	T22AK312-0004		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	54.5	75.2	51.7
08:00-09:00 HOUR	58.2	71.1	53.1
09:00-10:00 HOUR	56.8	80.6	52.6
10:00-11:00 HOUR	54.0	73.0	51.6
11:00-12:00 HOUR	56.0	78.1	51.6
12:00-13:00 HOUR	55.0	70.1	52.1
13:00-14:00 HOUR	53.2	70.5	50.4
14:00-15:00 HOUR	53.9	70.2	51.0
15:00-16:00 HOUR	56.9	78.6	51.4
16:00-17:00 HOUR	63.0	84.4	54.2
17:00-18:00 HOUR	59.8	73.6	52.0
18:00-19:00 HOUR	58.6	75.7	52.9
19:00-20:00 HOUR	52.1	64.1	50.8
20:00-21:00 HOUR	51.8	65.1	50.5
21:00-22:00 HOUR	52.6	78.3	50.5
22:00-23:00 HOUR	53.1	65.5	51.6
23:00-00:00 HOUR	53.1	64.3	51.7
00:00-01:00 HOUR	52.1	61.7	50.6
01:00-02:00 HOUR	51.4	67.4	49.8
02:00-03:00 HOUR	52.0	68.9	49.3
03:00-04:00 HOUR	52.0	65.5	49.6
04:00-05:00 HOUR	53.2	67.9	50.1
05:00-06:00 HOUR	57.0	74.1	50.9
06:00-07:00 HOUR	55.1	73.2	52.0
L _{Aeq} 24 hours		56.0	



TIME*	RESULT dB(A)		
	BAN CHAROENPORN		
	MAY 27 - 28, 2022		
	T22AK312-0005		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	53.5	70.6	51.6
08:00-09:00 HOUR	53.9	66.9	51.0
09:00-10:00 HOUR	57.4	71.2	51.4
10:00-11:00 HOUR	56.2	81.5	51.5
11:00-12:00 HOUR	55.6	72.8	50.9
12:00-13:00 HOUR	53.7	74.7	51.0
13:00-14:00 HOUR	55.0	65.4	51.0
14:00-15:00 HOUR	58.8	78.2	51.7
15:00-16:00 HOUR	54.3	73.5	51.7
16:00-17:00 HOUR	54.0	73.7	52.1
17:00-18:00 HOUR	55.1	77.1	51.9
18:00-19:00 HOUR	55.8	69.7	51.7
19:00-20:00 HOUR	53.2	71.6	51.6
20:00-21:00 HOUR	53.2	66.2	51.8
21:00-22:00 HOUR	53.0	60.6	51.6
22:00-23:00 HOUR	53.1	63.8	51.5
23:00-00:00 HOUR	52.9	66.1	51.6
00:00-01:00 HOUR	51.7	67.9	50.4
01:00-02:00 HOUR	51.8	69.7	50.3
02:00-03:00 HOUR	51.6	65.7	50.2
03:00-04:00 HOUR	52.9	68.6	50.3
04:00-05:00 HOUR	53.2	68.6	50.3
05:00-06:00 HOUR	57.1	77.2	51.2
06:00-07:00 HOUR	56.0	80.0	51.2
L _{Aeq} 24 hours		54.7	

TIME*	RESULT dB(A)		
	BAN CHAROENPORN		
	MAY 28 - 29, 2022		
	T22AK312-0006		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	54.5	79.4	51.3
08:00-09:00 HOUR	58.5	72.0	52.3
09:00-10:00 HOUR	57.4	67.5	52.3
10:00-11:00 HOUR	55.2	77.6	51.8
11:00-12:00 HOUR	56.2	71.1	52.0
12:00-13:00 HOUR	55.8	66.3	50.6
13:00-14:00 HOUR	55.3	72.0	51.1
14:00-15:00 HOUR	57.1	69.1	51.5
15:00-16:00 HOUR	53.1	69.5	50.9
16:00-17:00 HOUR	54.9	67.5	51.9
17:00-18:00 HOUR	53.4	68.2	51.2
18:00-19:00 HOUR	57.5	70.5	53.3
19:00-20:00 HOUR	52.7	67.8	50.8
20:00-21:00 HOUR	52.8	70.4	51.1
21:00-22:00 HOUR	52.7	73.3	50.7
22:00-23:00 HOUR	52.2	74.8	50.2
23:00-00:00 HOUR	51.1	63.0	49.5
00:00-01:00 HOUR	50.7	57.5	49.3
01:00-02:00 HOUR	50.3	60.9	48.9
02:00-03:00 HOUR	50.9	64.8	48.3
03:00-04:00 HOUR	49.8	64.3	48.2
04:00-05:00 HOUR	52.3	68.3	48.5
05:00-06:00 HOUR	56.9	72.2	50.2
06:00-07:00 HOUR	56.8	78.7	50.8
L _{Aeq} 24 hours		54.8	

Sila Banjongjairuk

(MR SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR

JUNE 8, 2022

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED ((QUARRY MKB2 33319/16003)_2016)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING SOURCE : BAN PAN DIN THONG
MEASURING TYPE : AMBIENT (NOISE)
MEASURING DATE : MAY 26, 2022
MEASURING TIME : *
MEASURING METHOD : INTEGRATED SOUND LEVEL METER
MEASURED BY : MR THANAT LERTPRASERT

RECEIVED DATE : MAY 26-29, 2022
ANALYTICAL DATE : MAY 26-29, 2022
REPORT NO. : 2022-U042819
WORK NO. : 2021-001119
ANALYSIS NO. : T22AK312-0007 - T22AK312-0009

TIME*	RESULT dB(A)		
	BAN PAN DIN THONG		
	MAY 26 - 27, 2022		
	T22AK312-0007		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	57.2	76.4	53.7
08:00-09:00 HOUR	55.4	74.4	53.1
09:00-10:00 HOUR	55.2	73.0	53.2
10:00-11:00 HOUR	56.2	70.8	54.1
11:00-12:00 HOUR	55.4	71.0	53.2
12:00-13:00 HOUR	54.4	69.4	52.8
13:00-14:00 HOUR	54.9	68.7	53.1
14:00-15:00 HOUR	54.7	68.3	53.2
15:00-16:00 HOUR	57.1	78.8	53.3
16:00-17:00 HOUR	55.3	70.3	53.7
17:00-18:00 HOUR	56.8	82.5	54.2
18:00-19:00 HOUR	63.7	91.6	53.9
19:00-20:00 HOUR	54.5	76.9	52.8
20:00-21:00 HOUR	53.5	62.5	52.3
21:00-22:00 HOUR	54.1	75.8	52.3
22:00-23:00 HOUR	53.5	60.4	52.2
23:00-00:00 HOUR	52.8	63.0	51.3
00:00-01:00 HOUR	52.5	63.0	51.1
01:00-02:00 HOUR	52.1	63.2	50.7
02:00-03:00 HOUR	52.4	68.3	50.9
03:00-04:00 HOUR	52.7	65.3	51.3
04:00-05:00 HOUR	56.6	78.2	51.5
05:00-06:00 HOUR	55.2	73.4	52.4
06:00-07:00 HOUR	55.0	72.5	52.9
L _{Aeq} 24 hours		56.0	



TIME*	RESULT dB(A)		
	BAN PAN DIN THONG		
	MAY 27 - 28, 2022		
	T22AK312-0008		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	56.4	89.3	52.8
08:00-09:00 HOUR	54.8	69.9	52.5
09:00-10:00 HOUR	55.0	77.5	52.7
10:00-11:00 HOUR	56.9	79.0	52.5
11:00-12:00 HOUR	54.4	67.5	52.6
12:00-13:00 HOUR	54.6	67.8	52.9
13:00-14:00 HOUR	53.7	66.1	52.1
14:00-15:00 HOUR	54.2	69.3	52.4
15:00-16:00 HOUR	54.1	70.2	52.7
16:00-17:00 HOUR	54.7	69.7	53.2
17:00-18:00 HOUR	56.4	77.3	54.0
18:00-19:00 HOUR	57.9	83.4	53.7
19:00-20:00 HOUR	54.3	69.0	53.0
20:00-21:00 HOUR	54.4	67.4	52.9
21:00-22:00 HOUR	53.4	65.1	51.6
22:00-23:00 HOUR	53.5	67.4	51.9
23:00-00:00 HOUR	53.2	61.8	51.7
00:00-01:00 HOUR	53.1	62.7	51.3
01:00-02:00 HOUR	51.9	59.7	50.4
02:00-03:00 HOUR	52.3	61.4	51.0
03:00-04:00 HOUR	52.5	65.8	50.7
04:00-05:00 HOUR	53.0	64.5	50.8
05:00-06:00 HOUR	59.9	80.6	51.5
06:00-07:00 HOUR	55.2	75.2	52.5
L _{Aeq} 24 hours		55.0	

TIME*	RESULT dB(A)		
	BAN PAN DIN THONG		
	MAY 28 - 29, 2022		
	T22AK312-0009		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	55.0	73.4	52.4
08:00-09:00 HOUR	54.1	69.9	52.0
09:00-10:00 HOUR	53.9	75.2	51.7
10:00-11:00 HOUR	54.9	70.3	52.5
11:00-12:00 HOUR	54.1	80.0	52.4
12:00-13:00 HOUR	54.6	69.3	53.0
13:00-14:00 HOUR	55.4	68.7	53.1
14:00-15:00 HOUR	66.3	103.8	53.7
15:00-16:00 HOUR	56.7	73.6	54.1
16:00-17:00 HOUR	56.5	73.5	54.3
17:00-18:00 HOUR	56.3	72.6	54.1
18:00-19:00 HOUR	59.0	85.3	53.6
19:00-20:00 HOUR	55.9	72.6	54.4
20:00-21:00 HOUR	56.0	67.6	54.6
21:00-22:00 HOUR	55.0	68.2	53.4
22:00-23:00 HOUR	54.1	66.9	52.6
23:00-00:00 HOUR	53.7	67.1	52.2
00:00-01:00 HOUR	53.1	64.1	51.5
01:00-02:00 HOUR	52.5	59.0	51.1
02:00-03:00 HOUR	52.5	60.3	51.0
03:00-04:00 HOUR	52.9	64.5	51.1
04:00-05:00 HOUR	53.0	63.9	51.1
05:00-06:00 HOUR	60.1	82.2	52.0
06:00-07:00 HOUR	55.2	77.8	52.7
L _{Aeq} 24 hours		57.1	

Sila Banjongjairuk

(MR SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR

JUNE 8, 2022

ภาคผนวก ค-3

คุณภาพน้ำผิวดิน ระหว่างเดือนมกราคม-มิถุนายน พ.ศ. 2565

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED ((QUARRY MKB1 33318/16002)_2016)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : -
SAMPLE TYPE : SURFACE WATER
SAMPLING DATE : JUNE 13, 2022
SAMPLING TIME : 10:00 HOUR
SAMPLING METHOD ^c : GRAB
SAMPLING BY ^c : MR PHATSAWUT THOSAKOON
ANALYZED BY : MISS AMONRAT PUTTALEE

RECEIVED DATE : JUNE 14, 2022
ANALYTICAL DATE : JUNE 14-23, 2022
REPORT NO. : 2022-U049074
WORK NO. : 2021-001119
ANALYSIS NO. : T22AL473-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			ผลของมาตรฐาน T22AL473-0001	
pH ^c	-	ELECTROMETRIC METHOD AT SITE (SM:4500-H ⁺ B)	8.0 (30°C)	-
TURBIDITY ^c	NTU	NEPHELOMETRIC METHOD (SM: 2130 B)	140	0.1
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: 2540 D)	82.9	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: 2540 C)	632	25
TOTAL HARDNESS ^a	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: 2340 C)	345	4.0
SULPHATE ^c	mg/L SO ₄ ²⁻	TURBIDIMETRIC METHOD (SM: 4500-SO ₄ ²⁻ E)	94.1	0.3
METALS				
ARSENIC ^c	mg/L As	HYDRIDE GENERATION AAS METHOD (SM: 3114 C)	ND	0.0003
CADMIUM ^c	mg/L Cd	IN-HOUSE METHOD: UAE.TP.SW.01 (NITRIC ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD); SM: 3030 E AND 3111 B	ND	0.002
IRON ^c	mg/L Fe	IN-HOUSE METHOD: UAE.TP.SW.01 (NITRIC ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD); SM: 3030 E AND 3111 B	< LOQ	0.005



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			คลองผามกระเบา T22AL473-0001	
LEAD ^c	mg/L Pb	IN-HOUSE METHOD: UAE.TP.SW.01 (NITRIC ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD); SM: 3030 E AND 3111 B	ND	0.003
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID 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, 23rd EDITION, 2017.

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

ND : NON-DETECTABLE.

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

Benjawan V.

(MISS BENJAWAN VIRIYOTHAJ)
LABORATORY SUPERVISOR

JUNE 27, 2022

ภาคผนวก ค-4

คุณภาพน้ำใต้ดิน ระหว่างเดือนมกราคม-มิถุนายน พ.ศ. 2565

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED ((QUARRY MKB1 33318/16002)_2016)

CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED

ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOI SARABURI 18260

CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM

SAMPLING SOURCE : -

SAMPLE TYPE : GROUNDWATER

SAMPLING DATE : JUNE 13, 2022

SAMPLING TIME : 10:20 HOUR

SAMPLING METHOD ° : GRAB

SAMPLING BY ° : MR PHATSAWUT THOSAKOON

ANALYZED BY : MR KARNPHONG BOONPUANG

RECEIVED DATE : JUNE 14, 2022

ANALYTICAL DATE : JUNE 14-24, 2022

REPORT NO. : 2022-U049076

WORK NO. : 2021-001119

ANALYSIS NO. : T22AL473-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			สถานีจ่ายน้ำประปาตึกกลาง T22AL473-0002	
pH °	-	ELECTROMETRIC METHOD AT SITE (SM:4500-H° B)	6.8 (18°C)	-
TURBIDITY °	NTU	NEPHELOMETRIC METHOD (SM: 2130 B)	0.3	0.1
TOTAL SUSPENDED SOLIDS °	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: 2540 D)	ND	5.0
TOTAL DISSOLVED SOLIDS °	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: 2540 C)	396	25
TOTAL HARDNESS °	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: 2340 C)	394	4.0
SULPHATE °	mg/L SO ₄ ²⁻	TURBIDIMETRIC METHOD (SM: 4500-SO ₄ ²⁻ E)	34.8	0.3
METALS				
ARSENIC °	mg/L As	HYDRIDE GENERATION AAS METHOD (SM: 3114 C)	ND	0.0003
CADMIUM °	mg/L Cd	IN-HOUSE METHOD: UAE.TP.GW.01 (NITRIC ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD); SM: 3030 E AND 3111 B	ND	0.002
IRON °	mg/L Fe	IN-HOUSE METHOD: UAE.TP.GW.01 (NITRIC ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD); SM: 3030 E AND 3111 B	< LOQ	0.005



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			สถานีจ่ายน้ำประปาห้วยขวาง T22AL473-0002	
LEAD ^c	mg/L Pb	IN-HOUSE METHOD: UAE.TP.GW.01 (NITRIC ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD); SM: 3030 E AND 3111 B	ND	0.003
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR	

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

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

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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

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

ND : NON-DETECTABLE.

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

Benjawan V.

(MISS BENJAWAN VIRIYOTHAI)
LABORATORY SUPERVISOR

JUNE 27, 2022

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED ((QUARRY MKB1 33318/16002)_2016)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : -
SAMPLE TYPE : GROUNDWATER
SAMPLING DATE : JUNE 13, 2022
SAMPLING TIME : 09:45 HOUR
SAMPLING METHOD ° : GRAB
SAMPLING BY ° : MR. PHATSAWUT THOSAKOON
ANALYZED BY : MR. KARNPHONG BOONPUANG

RECEIVED DATE : JUNE 14, 2022
ANALYTICAL DATE : JUNE 14-24, 2022
REPORT NO. : 2022-U049079
WORK NO. : 2021-001119
ANALYSIS NO. : T22AL473-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			บ้านหัววังมา T22AL473-0003	
pH °	-	ELECTROMETRIC METHOD AT SITE (SM:4500-H* B)	6.9 (29°C)	-
TURBIDITY °	NTU	NEPHELOMETRIC METHOD (SM: 2130 B)	0.4	0.1
TOTAL SUSPENDED SOLIDS °	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: 2540 D)	ND	5.0
TOTAL DISSOLVED SOLIDS °	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: 2540 C)	374	25
TOTAL HARDNESS °	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: 2340 C)	432	4.0
SULPHATE °	mg/L SO ₄ ²⁻	TURBIDIMETRIC METHOD (SM: 4500-SO ₄ ²⁻ E)	60.2	0.3
METALS				
ARSENIC °	mg/L As	HYDRIDE GENERATION AAS METHOD (SM: 3114 C)	ND	0.0003
CADMIUM °	mg/L Cd	IN-HOUSE METHOD: UAE.TP.GW.01 (NITRIC ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD); SM: 3030 E AND 3111 B	ND	0.002
IRON °	mg/L Fe	IN-HOUSE METHOD: UAE.TP.GW.01 (NITRIC ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD); SM: 3030 E AND 3111 B	< LOQ	0.005



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			บ้านหัววังยาว T22AL473-0003	
LEAD ^c	mg/L Pb	IN-HOUSE METHOD: UAE.TP.GW.01 (NITRIC ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD); SM: 3030 E AND 3111 B	ND	0.003
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -	

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

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

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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

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

ND : NON-DETECTABLE.

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

Benjawan V.

(MISS BENJAWAN VIRIYOTHA)
LABORATORY SUPERVISOR

JUNE 27, 2022