

Request No. LA65-0117

Report No. 6501-0328

TEST REPORT

CUSTOMER : MDX Public Co.,Ltd.
ADDRESS : Gateway City Industrial Estate T. Huasomrong, Plangyao District, Chachoengsao
SAMPLE SOURCE : MDX Public Co.,Ltd.
SAMPLE POINT : ปล่องเตาเผาขยะ
SAMPLING DATE : 18/01/2022 SAMPLE NO. : 00341-00342
RECEIVED DATE : 21/01/2022 SAMPLING TIME : 09:30-10:10
TESTED DATE : 21-26/01/2022 REPORTED DATE : 28/01/2022
STACK DESCRIPTION

Height:	21.00	m	Type Of Process :	Combustion
Diameter:	0.70	m	Type Of Fuel :	LPG
Temperature:	193.00	°C	Operation Capacity :	400-500 Kg/hr.
Air Velocity:	7.67	m/s	Oxygen Content :	14.83 %
Flow rate ² :	1.81	m ³ /s	Barometric Pressure :	757.75 mmHg
Moisture Content:	4.00	%	Atmospheric Temperature :	31.00 °C

PARAMETER*	TEST METHOD	TIME	RESULT ²		STD ¹	UNIT
			14.83 % O ₂	7 % O ₂		
Particulate (TSP)	Isokinetic, Gravimetric	09:30-10:10	13.5	30.9	400	mg/m ³
Sulfur Dioxide (SO ₂)	Absorption, Barium Thorin Titrimetric	09:30-10:00	<3.4 <1.3	<3.4 ³ <1.3 ³	78.5 30	mg/m ³ ppm

REMARK:¹ NOTIFICATION OF MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT B.E. 2553 (2010)² DRY BASIS (25°C, 760 mm.Hg)³ Result of Actual % O₂

* SAMPLING BY MR. METEE SUKPRASERT (ว-003-ก-8333)

Examined By

(MISS APIRADEE CHUEN-AROM)

(ว-003-ค-4377)

28/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By

Thongchai Boonsak

(MR. THONGCHAI BOONSAK)

(ว-003-ค-5618)

28/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY



Request No. ATR6501040

Report No. 6501-0510 - 6501-0512

TEST REPORT

CUSTOMER : MDX Public Co.,Ltd.
 ADDRESS : Gateway City Industrial Estate T. Huasomrong, Plangyao District, Chachoengsao 24190
 SAMPLE SOURCE : MDX Public Co.,Ltd.
 SAMPLE NAME : บ้านไผ่ล้อม
 RECEIVED DATE : 24/01/2022 SAMPLE NO. : A65010510 - A65010512
 TESTED DATE : 24/01/2022-27/01/2022 REPORTED DATE : 02/02/2022

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD ^{/1}	UNIT
Total Suspended Particulate (TSP)	Gravimetric Method	17-18/01/2022	0.106	0.33	mg/m ³
		18-19/01/2022	0.102	0.33	mg/m ³
		19-20/01/2022	0.095	0.33	mg/m ³

REMARK:

^{/1} Notification of The National Environmental Board Volume 24 B.E.2547 (2004) Standard for 24-hr Average.

* Parameter Outside The Scope of The Registration of The Department of Industrial Works.

(Sampling By Mr. Tummarut Photankham)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By

(Miss Thanatporn Klinsopon)

02/02/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
 THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
 WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY



Request No. ATR6501040

Report No. 6501-0513 - 6501-0515

TEST REPORT

CUSTOMER : MDX Public Co.,Ltd.
 ADDRESS : Gateway City Industrial Estate T. Huasomrong, Plangyao District, Chachoengsao 24190
 SAMPLE SOURCE : MDX Public Co.,Ltd.
 SAMPLE NAME : บ้านเนินไร่
 RECEIVED DATE : 24/01/2022 SAMPLE NO. : A65010513 - A65010515
 TESTED DATE : 24/01/2022-27/01/2022 REPORTED DATE : 02/02/2022

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD ^{/1}	UNIT
Total Suspended Particulate (TSP)	Gravimetric Method	17-18/01/2022	0.072	0.33	mg/m ³
		18-19/01/2022	0.066	0.33	mg/m ³
		19-20/01/2022	0.062	0.33	mg/m ³

REMARK:

^{/1} Notification of The National Environmental Board Volume 24 B.E.2547 (2004) Standard for 24-hr Average.

* Parameter Outside The Scope of The Registration of The Department of Industrial Works.

(Sampling By Mr. Tummarut Photankham)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By

(Miss Thanatporn Klinsopon)

02/02/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
 THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
 WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY



Request No. ATR6501040

Report No. 6501-0516 - 6501-0518

TEST REPORT

CUSTOMER : MDX Public Co.,Ltd.
 ADDRESS : Gateway City Industrial Estate T. Huasomrong, Plangyao District, Chachoengsao 24190
 SAMPLE SOURCE : MDX Public Co.,Ltd.
 SAMPLE NAME : บ้านแปลงยาวบน
 RECEIVED DATE : 24/01/2022 SAMPLE NO. : A65010516 - A65010518
 TESTED DATE : 24/01/2022-27/01/2022 REPORTED DATE : 02/02/2022

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD ^{/1}	UNIT
Total Suspended Particulate (TSP)	Gravimetric Method	17-18/01/2022	0.083	0.33	mg/m ³
		18-19/01/2022	0.083	0.33	mg/m ³
		19-20/01/2022	0.076	0.33	mg/m ³

REMARK:

^{/1} Notification of The National Environmental Board Volume 24 B.E.2547 (2004) Standard for 24-hr Average.

* Parameter Outside The Scope of The Registration of The Department of Industrial Works.

(Sampling By Mr. Tummarut Photankham)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By

(Miss Thanatporn Klinsoyon)

02/02/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
 THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
 WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. ATR6501040

Report No. 6501-0519 - 6501-0521

TEST REPORT

CUSTOMER : MDX Public Co.,Ltd.
 ADDRESS : Gateway City Industrial Estate T. Huasomrong, Plangyao District, Chachoengsao 24190
 SAMPLE SOURCE : MDX Public Co.,Ltd.
 SAMPLE NAME : บ้านแปลงไม้แดง
 RECEIVED DATE : 24/01/2022 SAMPLE NO. : A65010519 - A65010521
 TESTED DATE : 24/01/2022-27/01/2022 REPORTED DATE : 02/02/2022

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD ^{1/}	UNIT
Total Suspended Particulate (TSP)	Gravimetric Method	17-18/01/2022	0.091	0.33	mg/m ³
		18-19/01/2022	0.073	0.33	mg/m ³
		19-20/01/2022	0.089	0.33	mg/m ³

REMARK:

^{1/} Notification of The National Environmental Board Volume 24 B.E.2547 (2004) Standard for 24-hr Average.

* Parameter Outside The Scope of The Registration of The Department of Industrial Works.

(Sampling By Mr. Tummarut Photankham)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By

(Miss Thanatporn Klinsoon)

02/02/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
 THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
 WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. LA65-R0146

Report No. R6501-1088 – R6501-1090

TEST REPORT

CUSTOMER : MDX Public Co., Ltd.
 ADDRESS : Gateway City Industrial Estate T. Huasomrong, Plangyao District, Chachoengsao 24190
 SAMPLE SOURCE : MDX Public Co., Ltd.
 SAMPLE POINT : บ้านไผ่ล้อม
 PARAMETER* : Sulfur Dioxide
 DETERMINATION METHOD : UV-Fluorescence
 INSTRUMENT : API Model T100 S/N 5701

SAMPLE NO. : 01171-01173
 SAMPLING DATE : 17-20/01/2022
 RECEIVED DATE : 20/01/2022
 REPORTED DATE : 25/01/2022

TIME / DATE	17-18/01/2022	18-19/01/2022	19-20/01/2022	UNIT
10:00 – 11:00 ³	0.006	0.007	0.007	ppm
11:00 – 12:00	0.006	0.007	0.007	ppm
12:00 – 13:00	0.007	0.007	0.007	ppm
13:00 – 14:00	0.007	0.007	0.007	ppm
14:00 – 15:00	0.007	0.007	0.007	ppm
15:00 – 16:00	0.006	0.007	0.007	ppm
16:00 – 17:00	0.006	0.007	0.007	ppm
17:00 – 18:00	0.006	0.007	0.007	ppm
18:00 – 19:00	0.006	0.007	0.007	ppm
19:00 – 20:00	0.006	0.007	0.007	ppm
20:00 – 21:00	0.006	0.007	0.007	ppm
21:00 – 22:00	0.006	0.007	0.007	ppm
22:00 – 23:00	0.006	0.007	0.007	ppm
23:00 – 00:00	0.006	0.007	0.007	ppm
00:00 – 01:00	0.006	0.007	0.007	ppm
01:00 – 02:00	0.006	0.007	0.007	ppm
02:00 – 03:00	0.006	0.007	0.007	ppm
03:00 – 04:00	0.006	0.007	0.007	ppm
04:00 – 05:00	0.006	0.007	0.007	ppm
05:00 – 06:00	0.006	0.007	0.007	ppm
06:00 – 07:00	0.006	0.007	0.007	ppm
07:00 – 08:00	0.014	0.007	0.007	ppm
08:00 – 09:00	0.007	0.007	0.007	ppm
09:00 – 10:00	0.007	0.007	0.007	ppm
Maximum 1 hr.	0.014	0.007	0.007	ppm
Average 24 hr.	0.006	0.007	0.007	ppm
Standard (1 hr.) ¹	0.30	0.30	0.30	ppm
Standard (Average 24 hr.) ²	0.12	0.12	0.12	ppm

REMARK : ¹ Notification of The National Environmental Board Volume 12 B.E. 2538 (1995) and Volume 21 B.E.2544 (2001)² Notification of The National Environmental Board Volume 24 B.E. 2547 (2004)³ Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummarut Chonkham)

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

25/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
 THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
 WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. LA65-R0146

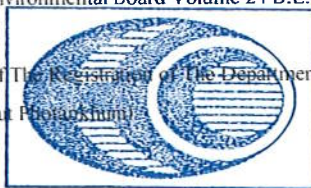
Report No. R6501-1100 – R6501-1102

TEST REPORT

CUSTOMER : MDX Public Co., Ltd.
ADDRESS : Gateway City Industrial Estate T. Huasomrong, Plangyao District, Chachoengsao 24190
SAMPLE SOURCE : MDX Public Co., Ltd.
SAMPLE POINT : บ้านเนินไร่
PARAMETER* : Sulfur Dioxide
DETERMINATION METHOD : UV-Fluorescence
INSTRUMENT : Hobira Model APSA-370 S/N 3XLWFYVJ

SAMPLE NO. : 01183-01185
SAMPLING DATE : 17-20/01/2022
RECEIVED DATE : 20/01/2022
REPORTED DATE : 25/01/2022

TIME / DATE	17-18/01/2022	18-19/01/2022	19-20/01/2022	UNIT
11:00 – 12:00 ³	0.016	0.016	0.016	ppm
12:00 – 13:00	0.016	0.016	0.016	ppm
13:00 – 14:00	0.016	0.016	0.016	ppm
14:00 – 15:00	0.016	0.016	0.016	ppm
15:00 – 16:00	0.016	0.016	0.016	ppm
16:00 – 17:00	0.016	0.016	0.016	ppm
17:00 – 18:00	0.016	0.016	0.016	ppm
18:00 – 19:00	0.016	0.016	0.016	ppm
19:00 – 20:00	0.016	0.016	0.016	ppm
20:00 – 21:00	0.016	0.016	0.017	ppm
21:00 – 22:00	0.016	0.016	0.016	ppm
22:00 – 23:00	0.016	0.016	0.016	ppm
23:00 – 00:00	0.016	0.016	0.016	ppm
00:00 – 01:00	0.016	0.016	0.016	ppm
01:00 – 02:00	0.016	0.016	0.016	ppm
02:00 – 03:00	0.016	0.016	0.016	ppm
03:00 – 04:00	0.016	0.016	0.016	ppm
04:00 – 05:00	0.016	0.016	0.016	ppm
05:00 – 06:00	0.016	0.016	0.016	ppm
06:00 – 07:00	0.016	0.016	0.016	ppm
07:00 – 08:00	0.016	0.016	0.016	ppm
08:00 – 09:00	0.016	0.016	0.016	ppm
09:00 – 10:00	0.016	0.016	0.016	ppm
10:00 – 11:00	0.016	0.016	0.016	ppm
Maximum 1 hr.	0.016	0.016	0.017	ppm
Average 24 hr.	0.016	0.016	0.016	ppm
Standard (1 hr.) ¹	0.30	0.30	0.30	ppm
Standard (Average 24 hr.) ²	0.12	0.12	0.12	ppm

REMARK : ¹ Notification of The National Environmental Board Volume 12 B.E. 2538 (1995) and Volume 21 B.E.2544 (2001)² Notification of The National Environmental Board Volume 24 B.E. 2547 (2004)³ Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummarat Pholachum)

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

25/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. LA65-R0146

Report No. R6501-I106 – R6501-I108

TEST REPORT

CUSTOMER : MDX Public Co., Ltd.
 ADDRESS : Gateway City Industrial Estate T. Huasomrong, Plangyao District, Chachoengsao 24190
 SAMPLE SOURCE : MDX Public Co., Ltd.
 SAMPLE POINT : บ้านแปลงยาวบน
 PARAMETER* : Sulfur Dioxide
 DETERMINATION METHOD : UV-Fluorescence
 INSTRUMENT : API Model M100E S/N 3138

SAMPLE NO. : 01189-01191
 SAMPLING DATE : 17-20/01/2022
 RECEIVED DATE : 20/01/2022
 REPORTED DATE : 25/01/2022

TIME / DATE	17-18/01/2022	18-19/01/2022	19-20/01/2022	UNIT
12:00 – 13:00 ³	0.009	0.008	0.008	ppm
13:00 – 14:00	0.009	0.007	0.006	ppm
14:00 – 15:00	0.013	0.007	0.010	ppm
15:00 – 16:00	0.015	0.011	0.012	ppm
16:00 – 17:00	0.015	0.012	0.013	ppm
17:00 – 18:00	0.015	0.013	0.018	ppm
18:00 – 19:00	0.018	0.015	0.018	ppm
19:00 – 20:00	0.015	0.014	0.011	ppm
20:00 – 21:00	0.015	0.009	0.009	ppm
21:00 – 22:00	0.013	0.008	0.006	ppm
22:00 – 23:00	0.013	0.007	0.006	ppm
23:00 – 00:00	0.011	0.007	0.005	ppm
00:00 – 01:00	0.011	0.007	0.005	ppm
01:00 – 02:00	0.013	0.006	0.005	ppm
02:00 – 03:00	0.007	0.007	0.006	ppm
03:00 – 04:00	0.007	0.007	0.006	ppm
04:00 – 05:00	0.007	0.007	0.006	ppm
05:00 – 06:00	0.007	0.006	0.005	ppm
06:00 – 07:00	0.007	0.007	0.005	ppm
07:00 – 08:00	0.007	0.006	0.005	ppm
08:00 – 09:00	0.008	0.005	0.006	ppm
09:00 – 10:00	0.008	0.009	0.007	ppm
10:00 – 11:00	0.017	0.015	0.015	ppm
11:00 – 12:00	0.014	0.013	0.012	ppm
Maximum 1 hr.	0.018	0.015	0.018	ppm
Average 24 hr.	0.011	0.009	0.008	ppm
Standard (1 hr.) ¹	0.30	0.30	0.30	ppm
Standard (Average 24 hr.) ²	0.12	0.12	0.12	ppm

REMARK : ¹ Notification of The National Environmental Board Volume 12 B.E. 2538 (1995) and Volume 21 B.E.2544 (2001)² Notification of The National Environmental Board Volume 24 B.E. 2547 (2004)³ Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummarut Huasomrong)

Approved By.....

(MS. THANATPORN KLINSOPON)

25/01/2022

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด
 REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
 THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
 WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

ACCREDITED LABORATORY
ISO/IEC 17025

Request No. LA65-R0146

Report No. R6501-1094 – R6501-1096

TEST REPORT

CUSTOMER : MDX Public Co., Ltd.
 ADDRESS : Gateway City Industrial Estate T. Huasomrong, Plangyao District, Chachoengsao 24190
 SAMPLE SOURCE : MDX Public Co., Ltd.
 SAMPLE POINT : บ้านแปลงไม้แดง
 PARAMETER* : Sulfur Dioxide
 DETERMINATION METHOD : UV-Fluorescence
 INSTRUMENT : API Model M100E S/N 640

SAMPLE NO. : 01177-01179
 SAMPLING DATE : 17-20/01/2022
 RECEIVED DATE : 20/01/2022
 REPORTED DATE : 25/01/2022

TIME / DATE	17-18/01/2022	18-19/01/2022	19-20/01/2022	UNIT
11:00 – 12:00 ³	0.038	0.039	0.038	ppm
12:00 – 13:00	0.038	0.038	0.038	ppm
13:00 – 14:00	0.038	0.040	0.039	ppm
14:00 – 15:00	0.038	0.039	0.040	ppm
15:00 – 16:00	0.037	0.039	0.040	ppm
16:00 – 17:00	0.038	0.039	0.039	ppm
17:00 – 18:00	0.038	0.038	0.040	ppm
18:00 – 19:00	0.038	0.039	0.040	ppm
19:00 – 20:00	0.038	0.039	0.039	ppm
20:00 – 21:00	0.038	0.038	0.039	ppm
21:00 – 22:00	0.038	0.039	0.039	ppm
22:00 – 23:00	0.038	0.039	0.039	ppm
23:00 – 00:00	0.038	0.040	0.039	ppm
00:00 – 01:00	0.038	0.040	0.039	ppm
01:00 – 02:00	0.038	0.039	0.039	ppm
02:00 – 03:00	0.038	0.039	0.039	ppm
03:00 – 04:00	0.038	0.039	0.039	ppm
04:00 – 05:00	0.039	0.039	0.039	ppm
05:00 – 06:00	0.038	0.038	0.039	ppm
06:00 – 07:00	0.038	0.038	0.038	ppm
07:00 – 08:00	0.038	0.038	0.039	ppm
08:00 – 09:00	0.038	0.038	0.039	ppm
09:00 – 10:00	0.038	0.038	0.039	ppm
10:00 – 11:00	0.038	0.038	0.038	ppm
Maximum 1 hr.	0.039	0.040	0.040	ppm
Average 24 hr.	0.038	0.039	0.039	ppm
Standard (1 hr.) ¹	0.30	0.30	0.30	ppm
Standard (Average 24 hr.) ²	0.12	0.12	0.12	ppm

REMARK : ¹ Notification of The National Environmental Board Volume 12 B.E. 2538 (1995) and Volume 21 B.E.2544 (2001)² Notification of The National Environmental Board Volume 24 B.E. 2547 (2004)³ Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummanut Chonrattachum)

Approved By.....

(MS. THANATPORN KLINSOPON)

25/01/2022

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด
 REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
 THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
 WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. LA65-R0146

Report No. R6501-1091 – R6501-1093

TEST REPORT

CUSTOMER : MDX Public Co., Ltd.
ADDRESS : Gateway City Industrial Estate T. Huasomrong, Plangyao District, Chachoengsao 24190
SAMPLE SOURCE : MDX Public Co., Ltd.
SAMPLE POINT : บ้านไผ่ล้อม
PARAMETER* : Nitrogen Dioxide
DETERMINATION METHOD : Chemiluminescence
INSTRUMENT : Ecotech Model ML9841A S/N 03-0029

SAMPLE NO. : 01174-01176
SAMPLING DATE : 17-20/01/2022
RECEIVED DATE : 20/01/2022
REPORTED DATE : 25/01/2022

TIME / DATE	17-18/01/2022	18-19/01/2022	19-20/01/2022	UNIT
10:00 – 11:00 ²	0.036	0.039	0.051	ppm
11:00 – 12:00	0.043	0.005	0.046	ppm
12:00 – 13:00	0.044	0.012	0.050	ppm
13:00 – 14:00	0.046	0.044	0.045	ppm
14:00 – 15:00	0.051	0.051	0.051	ppm
15:00 – 16:00	0.044	0.039	0.058	ppm
16:00 – 17:00	0.066	0.056	0.046	ppm
17:00 – 18:00	0.039	0.051	0.050	ppm
18:00 – 19:00	0.053	0.049	0.060	ppm
19:00 – 20:00	0.040	0.050	0.062	ppm
20:00 – 21:00	0.054	0.043	0.072	ppm
21:00 – 22:00	0.057	0.053	0.054	ppm
22:00 – 23:00	0.046	0.052	0.056	ppm
23:00 – 00:00	0.044	0.058	0.034	ppm
00:00 – 01:00	0.041	0.054	0.004	ppm
01:00 – 02:00	0.047	0.092	0.003	ppm
02:00 – 03:00	0.048	0.004	0.001	ppm
03:00 – 04:00	0.042	0.003	0.033	ppm
04:00 – 05:00	0.050	0.019	0.004	ppm
05:00 – 06:00	0.006	0.043	0.019	ppm
06:00 – 07:00	0.049	0.048	0.059	ppm
07:00 – 08:00	0.055	0.056	0.041	ppm
08:00 – 09:00	0.058	0.017	0.043	ppm
09:00 – 10:00	0.048	0.039	0.038	ppm
Maximum 1 hr.	0.066	0.092	0.072	ppm
Average 24 hr.	0.046	0.041	0.041	ppm
Standard (1 hr.) ¹	0.17	0.17	0.17	ppm

REMARK : ¹ Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)² Start Time* Parameter Outside The Scope of The Regulation of The Department of Industrial Works
(Measurement By Mr. Tummarat Ratanakham)

Approved By.....

(MS. THANATPORN KLINSOPON)

25/01/2022

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. LA65-R0146

Report No. R6501-I103 – R6501-I105

TEST REPORT

CUSTOMER : MDX Public Co., Ltd.
 ADDRESS : Gateway City Industrial Estate T. Huasomrong, Plangyao District, Chachoengsao 24190
 SAMPLE SOURCE : MDX Public Co., Ltd.
 SAMPLE POINT : บ้านเนินไร่
 PARAMETER* : Nitrogen Dioxide
 DETERMINATION METHOD : Chemiluminescence
 INSTRUMENT : Horiba Model APNA-370 S/N XXSSJ4FM

SAMPLE NO. : 01186-01188
 SAMPLING DATE : 17-20/01/2022
 RECEIVED DATE : 20/01/2022
 REPORTED DATE : 25/01/2022

TIME / DATE	17-18/01/2022	18-19/01/2022	19-20/01/2022	UNIT
11:00 – 12:00 ²	0.007	0.005	0.006	ppm
12:00 – 13:00	0.008	0.007	0.008	ppm
13:00 – 14:00	0.011	0.007	0.007	ppm
14:00 – 15:00	0.010	0.007	0.006	ppm
15:00 – 16:00	0.009	0.008	0.007	ppm
16:00 – 17:00	0.009	0.006	0.008	ppm
17:00 – 18:00	0.006	0.005	0.002	ppm
18:00 – 19:00	0.007	0.005	0.003	ppm
19:00 – 20:00	0.007	0.004	0.004	ppm
20:00 – 21:00	0.006	0.004	0.005	ppm
21:00 – 22:00	0.005	0.004	0.003	ppm
22:00 – 23:00	0.004	0.004	0.004	ppm
23:00 – 00:00	0.005	0.004	0.006	ppm
00:00 – 01:00	0.005	0.004	0.002	ppm
01:00 – 02:00	0.005	0.006	0.005	ppm
02:00 – 03:00	0.005	0.005	0.006	ppm
03:00 – 04:00	0.005	0.005	0.004	ppm
04:00 – 05:00	0.008	0.005	0.006	ppm
05:00 – 06:00	0.006	0.003	0.005	ppm
06:00 – 07:00	0.004	0.005	0.006	ppm
07:00 – 08:00	0.007	0.004	0.004	ppm
08:00 – 09:00	0.004	0.008	0.004	ppm
09:00 – 10:00	0.002	0.010	0.005	ppm
10:00 – 11:00	0.004	0.007	0.005	ppm
Maximum 1 hr.	0.011	0.010	0.008	ppm
Average 24 hr.	0.006	0.005	0.005	ppm
Standard (1 hr.) ¹	0.17	0.17	0.17	ppm

REMARK : ¹ Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)² Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummaru Pholankhwan)

Approved By.....

(MS. THANATPORN KLINSOPON)

25/01/2022

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
 THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
 WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY



Request No. LA65-R0146

Report No. R6501-I109 – R6501-I111

TEST REPORT


CUSTOMER : MDX Public Co., Ltd.
ADDRESS : Gateway City Industrial Estate T. Huasomrong, Plangyao District, Chachoengsao 24190
SAMPLE SOURCE : MDX Public Co., Ltd.
SAMPLE POINT : บ้านแปลงยาววน
PARAMETER* : Nitrogen Dioxide
DETERMINATION METHOD : Chemiluminescence
INSTRUMENT : API Model M200E S/N 3999

SAMPLE NO. : 01192-01194
SAMPLING DATE : 17-20/01/2022
RECEIVED DATE : 20/01/2022
REPORTED DATE : 25/01/2022

TIME / DATE	17-18/01/2022	18-19/01/2022	19-20/01/2022	UNIT
12:00 – 13:00 ²	0.007	0.005	0.005	ppm
13:00 – 14:00	0.004	0.004	0.004	ppm
14:00 – 15:00	0.004	0.004	0.004	ppm
15:00 – 16:00	0.004	0.004	0.004	ppm
16:00 – 17:00	0.004	0.004	0.004	ppm
17:00 – 18:00	0.004	0.004	0.004	ppm
18:00 – 19:00	0.006	0.004	0.005	ppm
19:00 – 20:00	0.008	0.006	0.007	ppm
20:00 – 21:00	0.007	0.008	0.010	ppm
21:00 – 22:00	0.009	0.009	0.010	ppm
22:00 – 23:00	0.009	0.008	0.008	ppm
23:00 – 00:00	0.007	0.007	0.007	ppm
00:00 – 01:00	0.006	0.006	0.007	ppm
01:00 – 02:00	0.007	0.006	0.007	ppm
02:00 – 03:00	0.006	0.006	0.007	ppm
03:00 – 04:00	0.005	0.006	0.007	ppm
04:00 – 05:00	0.006	0.007	0.006	ppm
05:00 – 06:00	0.006	0.006	0.007	ppm
06:00 – 07:00	0.007	0.006	0.006	ppm
07:00 – 08:00	0.007	0.007	0.007	ppm
08:00 – 09:00	0.007	0.007	0.009	ppm
09:00 – 10:00	0.007	0.006	0.006	ppm
10:00 – 11:00	0.005	0.005	0.006	ppm
11:00 – 12:00	0.005	0.005	0.006	ppm
Maximum 1 hr.	0.009	0.009	0.010	ppm
Average 24 hr.	0.006	0.006	0.006	ppm
Standard (1 hr.) ¹	0.17	0.17	0.17	ppm

REMARK : ¹ Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)² Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummarut Pholankatim)

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By: 

(MS. THANATPORN KLINSOPON)

25/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. LA65-R0146

Report No. R6501-1097 – R6501-1099

TEST REPORT

CUSTOMER : MDX Public Co., Ltd.
 ADDRESS : Gateway City Industrial Estate T. Huasomrong, Plangyao District, Chachoengsao 24190
 SAMPLE SOURCE : MDX Public Co., Ltd.
 SAMPLE POINT : บ้านแปลงไม้แดง
 PARAMETER* : Nitrogen Dioxide
 DETERMINATION METHOD : Chemiluminescence
 INSTRUMENT : API Model T200 S/N 2005

SAMPLE NO. : 01180-01182
 SAMPLING DATE : 17-20/01/2022
 RECEIVED DATE : 20/01/2022
 REPORTED DATE : 25/01/2022

TIME / DATE	17-18/01/2022	18-19/01/2022	19-20/01/2022	UNIT
11:00 – 12:00 ¹²	0.013	0.007	0.011	ppm
12:00 – 13:00	0.010	0.007	0.011	ppm
13:00 – 14:00	0.009	0.006	0.011	ppm
14:00 – 15:00	0.009	0.006	0.011	ppm
15:00 – 16:00	0.009	0.006	0.011	ppm
16:00 – 17:00	0.009	0.007	0.012	ppm
17:00 – 18:00	0.009	0.007	0.014	ppm
18:00 – 19:00	0.008	0.008	0.015	ppm
19:00 – 20:00	0.010	0.010	0.017	ppm
20:00 – 21:00	0.009	0.010	0.016	ppm
21:00 – 22:00	0.009	0.010	0.016	ppm
22:00 – 23:00	0.008	0.009	0.014	ppm
23:00 – 00:00	0.008	0.010	0.014	ppm
00:00 – 01:00	0.008	0.009	0.012	ppm
01:00 – 02:00	0.008	0.009	0.010	ppm
02:00 – 03:00	0.007	0.010	0.010	ppm
03:00 – 04:00	0.007	0.009	0.010	ppm
04:00 – 05:00	0.007	0.010	0.011	ppm
05:00 – 06:00	0.007	0.009	0.010	ppm
06:00 – 07:00	0.006	0.010	0.010	ppm
07:00 – 08:00	0.007	0.010	0.010	ppm
08:00 – 09:00	0.007	0.010	0.010	ppm
09:00 – 10:00	0.007	0.010	0.012	ppm
10:00 – 11:00	0.007	0.010	0.014	ppm
Maximum 1 hr.	0.013	0.010	0.017	ppm
Average 24 hr.	0.008	0.009	0.012	ppm
Standard (1 hr.) ¹¹	0.17	0.17	0.17	ppm

REMARK : ¹¹ Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)¹² Start Time* Parameter Outside The Scope of The Regulation of The Department of Industrial Works
(Measurement By Mr. Tummarat Kiatkham)

Approved By.....

(MS. THANATPORN KLINSOPON)

25/01/2022

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
 THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
 WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Wind Speed & Wind Direction

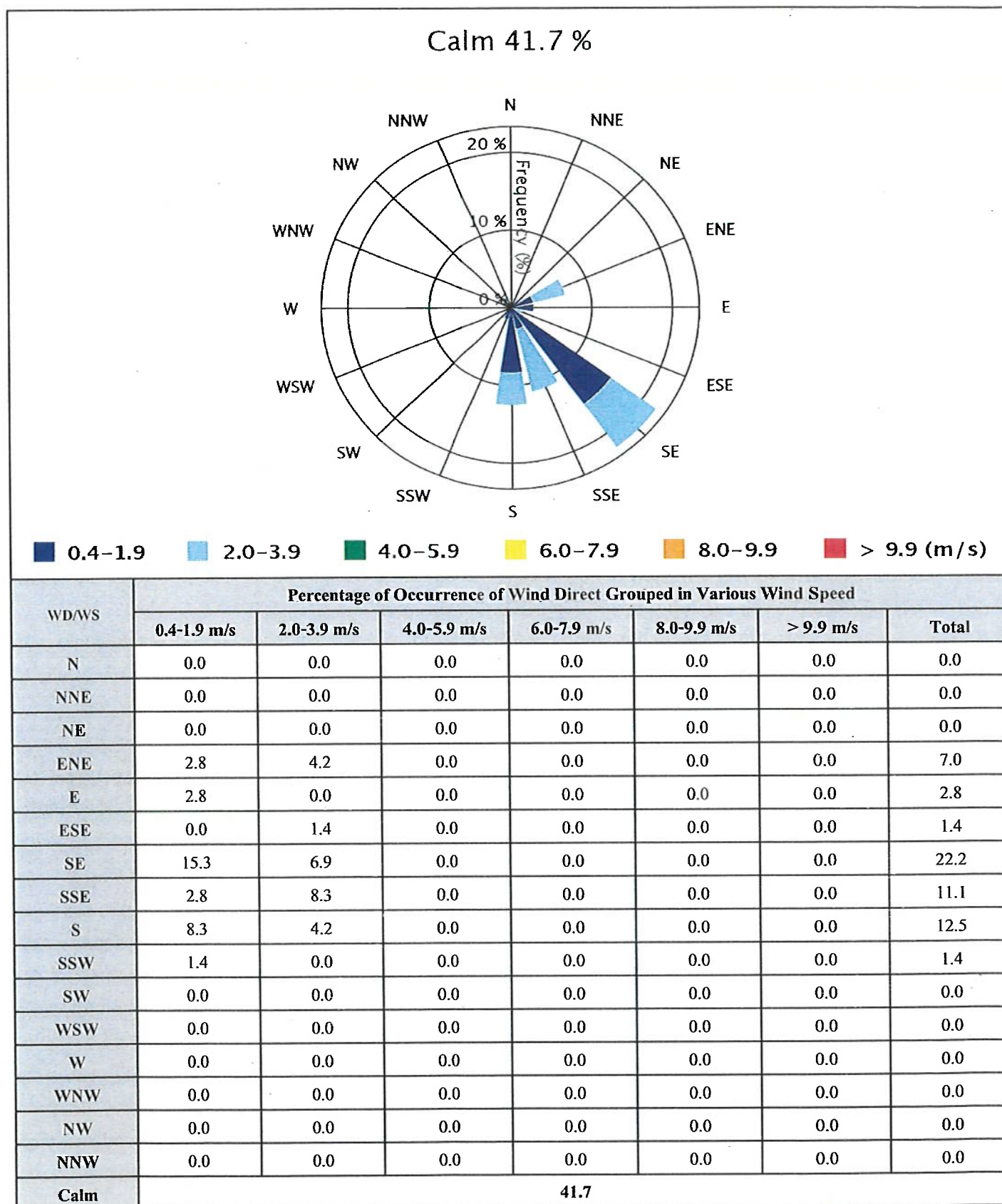
Request No. LA65-R0145

MDX Public Co., Ltd.

Sample No. 01164

Sampling Source : บ้านไผ่ล้อม

Sampling Date : January 17-20, 2022





Wind Speed & Wind Direction

Request No. LA65-R0145

MDX Public Co., Ltd.

Sample No. 01164

Sampling Source : บ้านไผ่ล้อม

Sampling Date : January 17-20, 2022

Time	January 17-18, 2022		January 18-19, 2022		January 19-20, 2022	
	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction
10:00-11:00	0.0	-	2.2	SE	3.1	SSE
11:00-12:00	0.9	ENE	2.7	SSE	3.1	SE
12:00-13:00	1.3	E	2.7	SE	3.1	SSE
13:00-14:00	1.8	ENE	2.2	S	3.6	SSE
14:00-15:00	2.7	ENE	2.2	SE	3.6	SE
15:00-16:00	3.1	ENE	2.2	S	2.2	SSE
16:00-17:00	2.2	ENE	2.2	SSE	2.2	ESE
17:00-18:00	1.3	SE	1.8	SE	1.8	SE
18:00-19:00	0.4	SE	1.3	SE	1.3	SE
19:00-20:00	0.0	-	0.4	SE	0.4	SE
20:00-21:00	0.0	-	0.0	-	0.0	-
21:00-22:00	0.9	S	0.0	-	0.0	-
22:00-23:00	0.9	S	0.0	-	0.9	SSW
23:00-00:00	0.4	S	0.4	E	0.4	S
00:00-01:00	0.0	-	0.0	-	0.0	-
01:00-02:00	0.0	-	0.0	-	0.0	-
02:00-03:00	0.0	-	0.0	-	0.0	-
03:00-04:00	0.0	-	0.0	-	0.0	-
04:00-05:00	0.0	-	0.0	-	0.0	-
05:00-06:00	0.0	-	0.9	SE	0.0	-
06:00-07:00	0.0	-	1.3	SE	0.0	-
07:00-08:00	0.0	-	0.4	SSE	0.0	-
08:00-09:00	0.0	-	1.8	S	0.4	SSE
09:00-10:00	1.3	SE	2.7	S	1.8	S

Wind Speed & Wind Direction

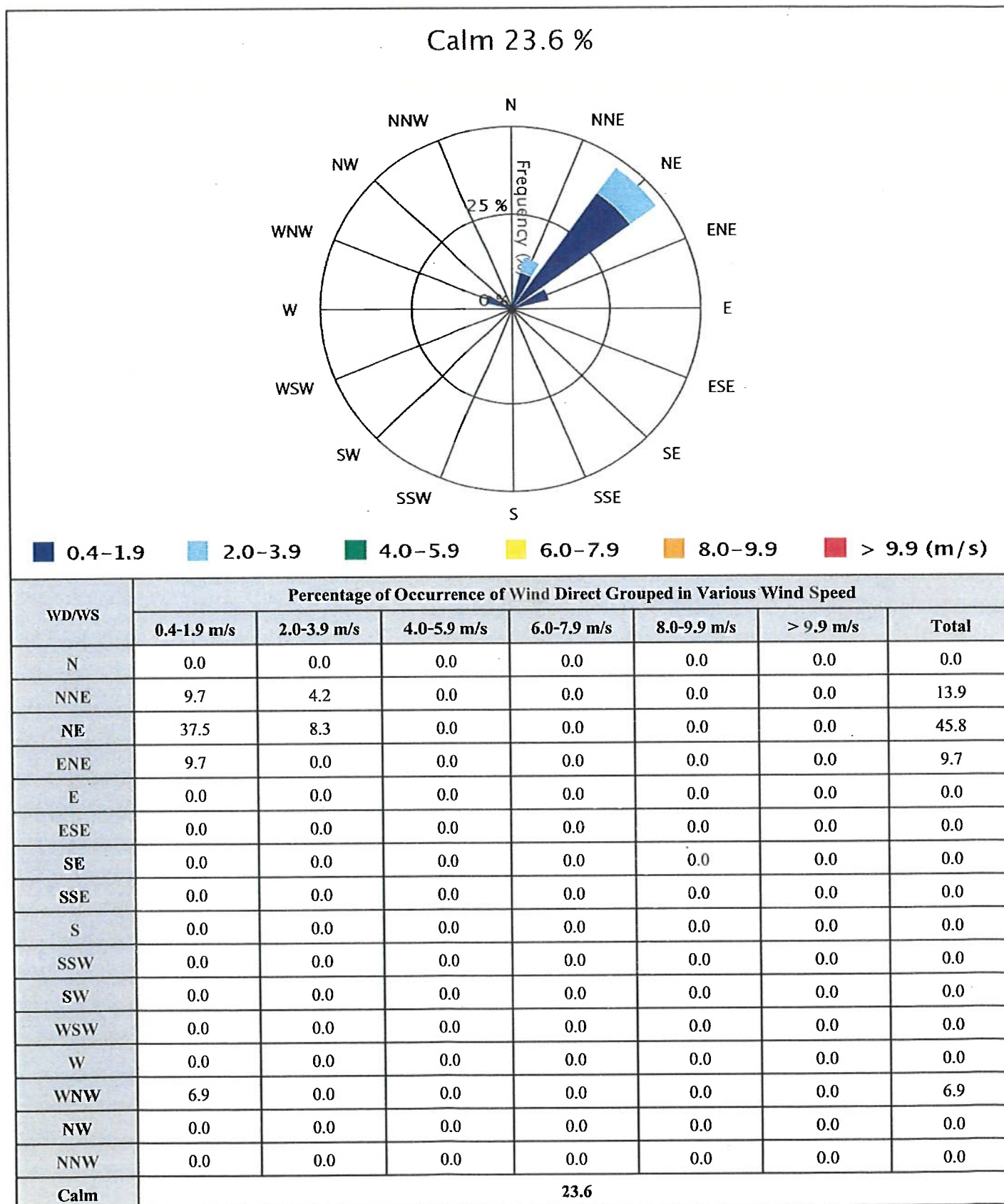
Request No. LA65-R0145

MDX Public Co., Ltd.

Sample No. 01162

Sampling Source : บ้านเนินไร่

Sampling Date : January 17-20, 2022





Wind Speed & Wind Direction

Request No. LA65-R0145

MDX Public Co., Ltd.

Sample No. 01162

Sampling Source : บ้านเนินไร่

Sampling Date : January 17-20, 2022

Time	January 17-18, 2022		January 18-19, 2022		January 19-20, 2022	
	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction
11:00-12:00	0.4	WNW	2.2	NE	2.2	NE
12:00-13:00	0.4	WNW	2.2	NNE	2.7	NE
13:00-14:00	0.9	WNW	2.2	NE	3.1	NNE
14:00-15:00	1.3	WNW	1.8	NE	2.2	NNE
15:00-16:00	1.3	WNW	1.8	NE	1.8	NE
16:00-17:00	1.3	NNE	1.8	NE	1.3	NE
17:00-18:00	1.3	NNE	1.3	NE	1.3	NNE
18:00-19:00	0.9	NE	1.3	NNE	1.3	NNE
19:00-20:00	0.4	NE	0.9	NE	0.9	NE
20:00-21:00	0.9	NE	0.4	NE	0.9	NE
21:00-22:00	0.9	ENE	0.4	NE	0.4	NE
22:00-23:00	0.9	ENE	0.4	NE	0.4	NE
23:00-00:00	0.0	-	0.4	NE	0.0	-
00:00-01:00	0.0	-	0.4	NNE	0.0	-
01:00-02:00	0.0	-	0.0	-	0.0	-
02:00-03:00	0.0	-	0.0	-	0.0	-
03:00-04:00	0.0	-	0.4	ENE	0.0	-
04:00-05:00	0.0	-	0.4	ENE	0.0	-
05:00-06:00	0.0	-	0.9	NNE	0.4	ENE
06:00-07:00	0.4	ENE	0.9	NE	0.4	NE
07:00-08:00	0.0	-	0.9	ENE	0.4	NE
08:00-09:00	0.0	-	1.3	NE	0.4	NE
09:00-10:00	0.4	NE	1.8	NE	1.3	NE
10:00-11:00	1.8	NE	2.7	NE	2.7	NE

Wind Speed & Wind Direction

Request No. LA65-R0145

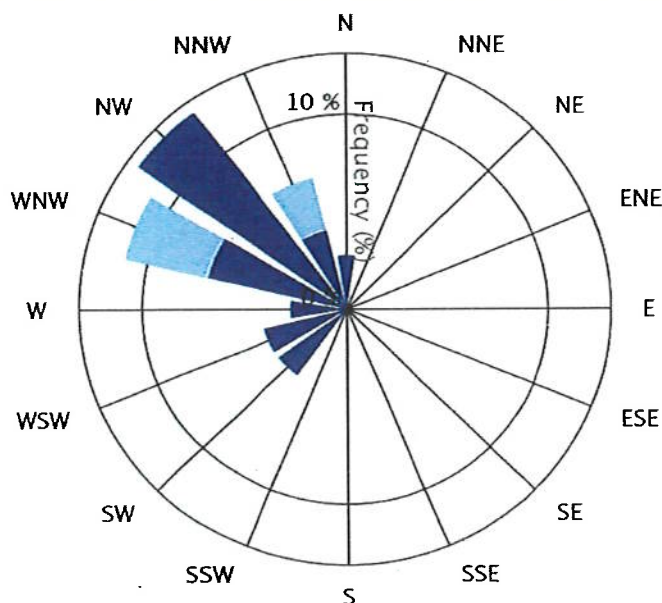
MDX Public Co., Ltd.

Sample No. 01161

Sampling Source : บ้านแปลงยาววน

Sampling Date : January 17-20, 2022

Calm 55.6 %



0.4-1.9
 2.0-3.9
 4.0-5.9
 6.0-7.9
 8.0-9.9
 > 9.9 (m/s)

WD/WS	Percentage of Occurrence of Wind Direct Grouped in Various Wind Speed						Total
	0.4-1.9 m/s	2.0-3.9 m/s	4.0-5.9 m/s	6.0-7.9 m/s	8.0-9.9 m/s	> 9.9 m/s	
N	2.8	0.0	0.0	0.0	0.0	0.0	2.8
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	4.2	0.0	0.0	0.0	0.0	0.0	4.2
WSW	4.2	0.0	0.0	0.0	0.0	0.0	4.2
W	2.8	0.0	0.0	0.0	0.0	0.0	2.8
WNW	6.9	4.2	0.0	0.0	0.0	0.0	11.1
NW	12.5	0.0	0.0	0.0	0.0	0.0	12.5
NNW	4.2	2.8	0.0	0.0	0.0	0.0	7.0
Calm	55.6						



Wind Speed & Wind Direction

Request No. LA64-R0145

MDX Public Co., Ltd.

Sample No. 01161

Sampling Source : บ้านแปลงยาวบน

Sampling Date : January 17-20, 2022

Time	January 17-18, 2022		January 18-19, 2022		January 19-20, 2022	
	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction
12:00-13:00	0.0	-	1.3	WNW	2.2	NNW
13:00-14:00	0.4	SW	1.3	NW	2.2	WNW
14:00-15:00	0.4	SW	0.9	W	2.7	WNW
15:00-16:00	0.9	SW	0.4	N	2.7	NNW
16:00-17:00	0.9	WSW	0.9	N	0.9	WNW
17:00-18:00	0.4	WSW	0.4	NNW	0.4	WNW
18:00-19:00	0.4	WSW	0.4	NW	0.4	WNW
19:00-20:00	0.0	-	0.0	-	0.0	-
20:00-21:00	0.0	-	0.0	-	0.0	-
21:00-22:00	0.0	-	0.0	-	0.0	-
22:00-23:00	0.0	-	0.0	-	0.0	-
23:00-00:00	0.0	-	0.0	-	0.0	-
00:00-01:00	0.0	-	0.0	-	0.0	-
01:00-02:00	0.0	-	0.0	-	0.0	-
02:00-03:00	0.0	-	0.0	-	0.0	-
03:00-04:00	0.0	-	0.0	-	0.0	-
04:00-05:00	0.0	-	0.0	-	0.0	-
05:00-06:00	0.0	-	0.4	W	0.0	-
06:00-07:00	0.0	-	0.4	NW	0.0	-
07:00-08:00	0.0	-	0.4	NW	0.0	-
08:00-09:00	0.0	-	0.9	NW	0.0	-
09:00-10:00	0.0	-	0.9	NNW	0.9	NW
10:00-11:00	0.9	NW	0.9	NW	1.3	NNW
11:00-12:00	1.3	NW	2.2	WNW	1.8	WNW

Wind Speed & Wind Direction

Request No. LA65-R0145

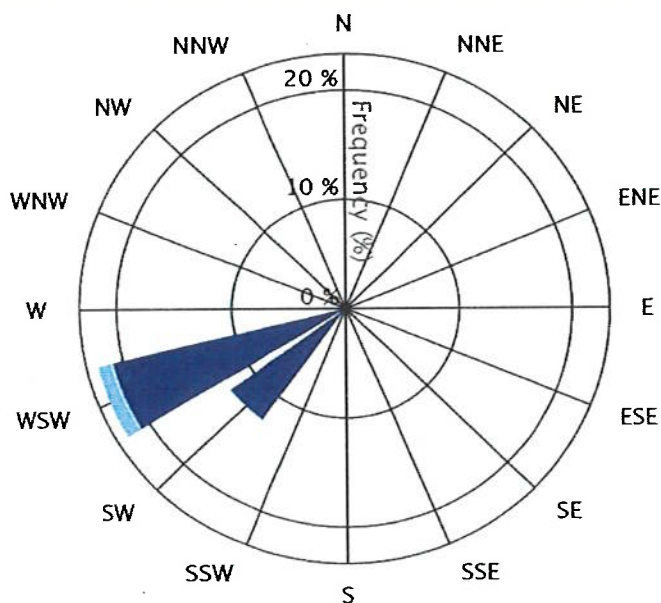
MDX Public Co., Ltd.

Sample No. 01163

Sampling Source : บ้านแปลงไม้แดง

Sampling Date : January 17-20, 2022

Calm 65.3 %


 0.4-1.9
 2.0-3.9
 4.0-5.9
 6.0-7.9
 8.0-9.9
 > 9.9 (m/s)

WD/WS	Percentage of Occurrence of Wind Direct Grouped in Various Wind Speed						Total
	0.4-1.9 m/s	2.0-3.9 m/s	4.0-5.9 m/s	6.0-7.9 m/s	8.0-9.9 m/s	> 9.9 m/s	
N	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	12.5	0.0	0.0	0.0	0.0	0.0	12.5
WSW	20.8	1.4	0.0	0.0	0.0	0.0	22.2
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Calm	65.3						

Wind Speed & Wind Direction

Request No. LA65-R0145

MDX Public Co., Ltd.

Sample No. 01163

Sampling Source : บ้านแปลงไม้แดง

Sampling Date : January 17-20, 2022

Time	January 17-18, 2022		January 18-19, 2022		January 19-20, 2022	
	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction
11:00-12:00	0.0	-	0.0	-	1.3	WSW
12:00-13:00	0.4	SW	0.0	-	0.9	WSW
13:00-14:00	0.9	SW	0.4	SW	0.9	WSW
14:00-15:00	0.9	SW	0.4	SW	0.9	WSW
15:00-16:00	0.4	SW	0.9	WSW	0.4	WSW
16:00-17:00	0.9	SW	0.9	WSW	0.4	WSW
17:00-18:00	0.9	SW	1.3	WSW	0.9	WSW
18:00-19:00	0.4	SW	0.9	WSW	0.9	WSW
19:00-20:00	0.0	-	0.0	-	0.0	-
20:00-21:00	0.0	-	0.0	-	0.0	-
21:00-22:00	0.0	-	0.0	-	0.0	-
22:00-23:00	0.0	-	0.0	-	0.0	-
23:00-00:00	0.0	-	0.0	-	0.0	-
00:00-01:00	0.0	-	0.0	-	0.0	-
01:00-02:00	0.0	-	0.0	-	0.0	-
02:00-03:00	0.0	-	0.0	-	0.0	-
03:00-04:00	0.0	-	0.0	-	0.0	-
04:00-05:00	0.0	-	0.0	-	0.0	-
05:00-06:00	0.0	-	0.0	-	0.0	-
06:00-07:00	0.0	-	0.0	-	0.0	-
07:00-08:00	0.0	-	0.0	-	0.0	-
08:00-09:00	0.0	-	0.0	-	0.0	-
09:00-10:00	0.0	-	1.3	WSW	0.9	WSW
10:00-11:00	0.0	-	1.3	WSW	2.2	WSW



ACCREDITED
ISO 9001 / ISO 14001

EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



NSC-TISI-TIS 17025
TESTING 0031

Request No. LA65-R0146

Report No. R6501-1082 – R6501-1084

TEST REPORT

CUSTOMER : MDX Public Co., Ltd.
ADDRESS : Gateway City industrial Estate T. Huasomrong, Plangyao District, Chachoengsao 24190
SAMPLE SOURCE : MDX Public Co., Ltd.
SAMPLE POINT : บริเวณภายในพื้นที่โครงการ (สถานีควาเทียม)
PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr. & L_{dnf} SAMPLE NO. : 01165-01167
DETERMINATION METHOD : In-house Method: A-DM-002 based on ISO 1996-1:2016 MEASURING DATE : 17-20/01/2022
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 20/01/2022
S/N 090090 : Type 2 REPORTED DATE : 25/01/2022

TIME \ DATE	17-18/01/2022 (L_{eq})	18-19/01/2022 (L_{eq})	19-20/01/2022 (L_{eq})	UNIT
11:00 – 12:00 ¹⁾	52.1	53.0	56.9	dB(A)
12:00 – 13:00	49.6	55.5	57.3	dB(A)
13:00 – 14:00	54.1	57.3	52.2	dB(A)
14:00 – 15:00	54.4	56.5	54.6	dB(A)
15:00 – 16:00	58.3	55.2	56.5	dB(A)
16:00 – 17:00	55.6	55.7	63.3	dB(A)
17:00 – 18:00	51.5	58.8	58.3	dB(A)
18:00 – 19:00	54.1	59.1	57.9	dB(A)
19:00 – 20:00	58.1	59.0	56.8	dB(A)
20:00 – 21:00	56.3	59.7	55.2	dB(A)
21:00 – 22:00	55.4	57.9	55.8	dB(A)
22:00 – 23:00	54.4	55.0	57.1	dB(A)
23:00 – 00:00	54.2	51.4	57.9	dB(A)
00:00 – 01:00	56.2	54.5	58.6	dB(A)
01:00 – 02:00	60.0	55.1	57.8	dB(A)
02:00 – 03:00	56.5	51.8	54.1	dB(A)
03:00 – 04:00	56.5	50.9	55.9	dB(A)
04:00 – 05:00	55.7	52.5	56.5	dB(A)
05:00 – 06:00	55.2	53.6	58.7	dB(A)
06:00 – 07:00	56.4	57.1	59.9	dB(A)
07:00 – 08:00	57.7	58.4	59.2	dB(A)
08:00 – 09:00	58.0	56.9	58.6	dB(A)
09:00 – 10:00	53.5	53.7	56.3	dB(A)
10:00 – 11:00	53.0	53.5	58.8	dB(A)
L_{eq} 24 hr.	55.9	56.2	57.8	dB(A)
L_{dnf}	62.7	61.0	64.1	dB(A)
Standard	$70^1, 70^2$	$70^1, 70^2$	$70^1, 70^2$	dB(A)

REMARK : ¹⁾ Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory

²⁾ Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

³⁾ Notification of Ministry of the Industry B.E. 2548 (2005)

* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Tummarut Photanachai)



Approved By:
(MRS. WANPEN LHAOCHINDAWAT)

25/01/2022

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

TEST REPORT

CUSTOMER : MDX Public Co., Ltd.
ADDRESS : Gateway City Industrial Estate T. Huasomrong, Plangyao District, Chachoengsao 24190
SAMPLE SOURCE : MDX Public Co., Ltd.
SAMPLE POINT : บริเวณเตาเผาขยะ
PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr. & L_{dn}
DETERMINATION METHOD : In-house Method:A-DM-002 based on ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 090089 : Type 2

SAMPLE NO. : 01168-01170
MEASURING DATE : 17-20/01/2022
RECEIVED DATE : 20/01/2022
REPORTED DATE : 25/01/2022

TIME \ DATE	17-18/01/2022 (L_{eq})	18-19/01/2022 (L_{eq})	19-20/01/2022 (L_{eq})	UNIT
11:00 – 12:00 ³	46.2	54.0	47.4	dB(A)
12:00 – 13:00	43.6	52.0	51.5	dB(A)
13:00 – 14:00	44.9	44.5	46.2	dB(A)
14:00 – 15:00	44.5	45.9	44.2	dB(A)
15:00 – 16:00	46.7	45.6	46.7	dB(A)
16:00 – 17:00	46.4	48.0	51.6	dB(A)
17:00 – 18:00	54.8	56.1	55.9	dB(A)
18:00 – 19:00	54.7	53.5	48.9	dB(A)
19:00 – 20:00	49.6	52.9	51.4	dB(A)
20:00 – 21:00	52.0	47.7	60.9	dB(A)
21:00 – 22:00	49.9	46.3	52.4	dB(A)
22:00 – 23:00	50.0	46.5	47.5	dB(A)
23:00 – 00:00	43.5	45.9	41.5	dB(A)
00:00 – 01:00	44.8	46.8	42.7	dB(A)
01:00 – 02:00	43.7	43.1	43.8	dB(A)
02:00 – 03:00	51.4	44.8	43.5	dB(A)
03:00 – 04:00	44.5	49.4	46.4	dB(A)
04:00 – 05:00	43.1	50.4	46.2	dB(A)
05:00 – 06:00	47.2	52.7	55.2	dB(A)
06:00 – 07:00	52.4	50.1	50.7	dB(A)
07:00 – 08:00	50.3	48.6	50.6	dB(A)
08:00 – 09:00	52.4	46.7	48.7	dB(A)
09:00 – 10:00	54.6	48.5	58.4	dB(A)
10:00 – 11:00	54.1	48.2	56.1	dB(A)
L_{eq} 24 hr.	50.3	50.0	52.7	dB(A)
L_{dn}	55.2	55.5	56.4	dB(A)
Standard	$70^{11}, 70^{12}$	$70^{11}, 70^{12}$	$70^{11}, 70^{12}$	dB(A)

REMARK : * Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory

¹¹ Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

¹² Notification of Ministry of the Industry B.E. 2542-2552

* Parameter Outside The Scope of The Regulation of The Department of Industrial Works
(Ms. Thanatporn Klinsonon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Tummarut Pholapichit)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

¹³ Start Time

Approved By.....
(MRS. WANPEN LHAOCHINDAWAT)

25/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6501069

Report No : 6501-1737

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65010267

Sample Name : Influent

Sampling Date : 06/01/2022

Sampling By : ETC

Sampling Time : 9:05 AM - 3:05 PM

Sampling Method : Composit

Received Date : 07/01/2022

Tested Date : 07/01/2022 - 20/01/2022

Reported Date : 26/01/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/Atomic Absorption Spectrometric	< 0.0020	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	54.0	≤500
Cadmium *	mg/l	Digestion, Inductively Coupled Plasma	< 0.03	≤0.03
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric	165	≤750
Copper *	mg/l	Digestion, Direct Air-Acetylene Flame	0.26	≤2
Lead *	mg/l	Digestion, Direct Air-Acetylene Flame	< 0.10	≤0.2
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric	< 0.0010	≤0.005

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISIL, # = ISO/IEC 17025:2017 Accredited by DSS,

Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharek Phatklang (จ-003-จ-5637)*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

26/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

26/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6501069

Report No : 6501-1737

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65010267

Sample Name : Influent

Sampling Date : 06/01/2022

Sampling By : ETC

Sampling Time : 9:05 AM - 3:05 PM

Sampling Method : Composit

Received Date : 07/01/2022

Tested Date : 07/01/2022 - 20/01/2022

Reported Date : 26/01/2022

Parameter	Unit	Method	Result	Standard ¹
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	5.3	≤10
pH (on site) *		Electrometric	7.2	5.5 - 9.0
Phenol *	mg/l	Distillation, Direct Photometric	0.031	≤1
Temperature *	°C	Laboratory and Field	32	≤45
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	28	≤200

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharek Phatklang (จ-003-จ-5637)*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-จ-4377)

26/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-จ-2205)

26/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

**Test Report**

Request No : W6501069

Report No : 6501-1737

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65010267

Sample Name : Influent

Sampling Date : 06/01/2022

Sampling By : ETC

Sampling Time : 9:05 AM - 3:05 PM

Sampling Method : Composit

Received Date : 07/01/2022

Tested Date : 07/01/2022 - 20/01/2022

Reported Date : 26/01/2022

Parameter	Unit	Method	Result	Standard/ ¹
Ammonia Nitrogen	mg/l as NH ₃ -N	Distillation and Titrimetric	14	-
Flow Rate	m ³ /day	Calculation	7,280	-

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /I Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works.

3. Sampling By Mr. Supharerk Phatklang (๖-003-๖-5637)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

26/01/2022



Test Report

Request No : W6501069

Report No : 6501-1741

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65010391

Sample Name : Influent

Sampling Date : 06/01/2022

Sampling By : ETC

Sampling Time : 3:05 PM

Sampling Method : Grab

Received Date : 07/01/2022

Tested Date : 20/01/2022

Reported Date : 26/01/2022

Parameter	Unit	Method	Result	Standard ¹
Coliform Bacteria	MPN:100 ml	MPN Test	>160,000	-

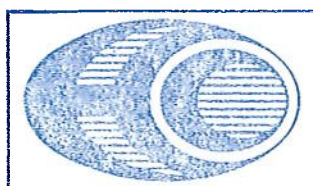
Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [G 0.25 L]

Remark : 1./1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. Sampling By Mr. Supharerk Phatklang (3-003-3-5637)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Examined By :

(Miss Apiradee Chuen-arom)

26/01/2022

COPY

Test Report

Request No : W6502105

Report No : 6502-1747

Customer : MDX Public Co.,Ltd.*

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110*

Sampling Source : WWTP*

Sample No : W 65020451

Sample Name : Influent*

Sampling Date : 03/02/2022*

Sampling By : ETC*

Sampling Time : 9:10 AM - 3:10 PM*

Sampling Method : Composit*

Received Date : 04/02/2022

Tested Date : 04/02/2022 - 11/02/2022

Reported Date : 28/02/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤ 0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	27.1	≤ 500
Cadmium *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.03
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	96	≤ 750
Copper *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 2

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Pornpinan Viriyakusolkul (จ-003-จ-8334)*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

28/02/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

28/02/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6502105

Report No : 6502-1747

Customer : MDX Public Co.,Ltd.*

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110*

Sampling Source : WWTP*

Sample No : W 65020451

Sample Name : Influent*

Sampling Date : 03/02/2022*

Sampling By : ETC*

Sampling Time : 9:10 AM - 3:10 PM*

Sampling Method : Composit*

Received Date : 04/02/2022

Tested Date : 04/02/2022 - 11/02/2022

Reported Date : 28/02/2022

Parameter	Unit	Method	Result	Standard/ ¹
Lead *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 10
pH (on site) *		Electrometric Method	7.3	5.5 - 9.0
Phenol *	mg/l	Distillation, Direct Photometric Method (SM:5530B,D)	0.006	≤ 1
Temperature *	°C	Laboratory and Field Method	34	≤ 45
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	13	≤ 200

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Pornpinan Viriyakusolkul (จ-003-ท-8334)*

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ท-4377)
28/02/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ท-2205)
28/02/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6502105

Report No : 6502-1747

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65020451

Sample Name : Influent

Sampling Date : 03/02/2022

Sampling By : ETC

Sampling Time : 9:10 AM - 3:10 PM

Sampling Method : Composit

Received Date : 04/02/2022

Tested Date : 04/02/2022 - 11/02/2022

Reported Date : 28/02/2022

Parameter	Unit	Method	Result	Standard ¹
Ammonia Nitrogen	mg/l as NH ₃ -N	Distillation and Titrimetric Method (SM:4500 -NH ₃ B,4500 -NH ₃ C)	16	-
Flow Rate	m ³ /day	Calculation Method	5,522	-

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1./1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

4. Sampling By Miss Pornpinan Viriyakusolkul (๖-003-๖-8334)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

28/02/2022

**Test Report**

Request No : W6502105

Report No : 6502-1751

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65020455

Sample Name : Influent

Sampling Date : 03/02/2022

Sampling By : ETC

Sampling Time : 3:10 PM

Sampling Method : Grab

Received Date : 04/02/2022

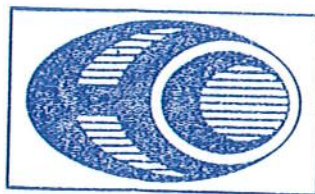
Tested Date : 11/02/2022

Reported Date : 28/02/2022

Parameter	Unit	Method	Result	Standard ¹
Coliform Bacteria	MPN:100 ml	MPN Test Method (SM:9221B)	>160,000	-

Physical Apperance : 1. Sample : yellowish
2. Container : Normal [G 0.25 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)
2. Parameter Outside The Scope of The Registration of Department of Industrial Works
3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
4. Sampling By Miss Pornpinan Viriyakusolkul (ว-003-ท-8334)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

28/02/2022

Test Report

Request No : W6503155

Report No : 6503-1669

Customer : MDX Public Co.,Ltd.*

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110*

Sampling Source : WWTP*

Sample No : W 65030706

Sample Name : Influent*

Sampling Date : 04/03/2022*

Sampling By : ETC*

Sampling Time : 9:00 AM - 3:00 PM*

Sampling Method : Composit*

Received Date : 05/03/2022

Tested Date : 07/03/2022 - 19/03/2022

Reported Date : 23/03/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	29.9	≤500
Cadmium *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	97	≤750
Copper *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	0.18	≤2

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ก-7280)*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

23/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

23/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Customer : MDX Public Co.,Ltd.*

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110*

Sampling Source : WWTP*

Sample Name : Influent*

Sampling By : ETC*

Sampling Method : Composit*

Tested Date : 07/03/2022 - 19/03/2022

Sample No : W 65030706

Sampling Date : 04/03/2022*

Sampling Time : 9:00 AM - 3:00

Received Date : PM* 05/03/2022

Reported Date : 23/03/2022

Request No : W6503155

Report No : 6503-1669

Parameter	Unit	Method	Result	Standard ¹
Lead *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤0.2
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.2	5.5 - 9.0
Phenol *	mg/l	Distillation, Direct Photometric Method (SM:5530B,D)	< 0.005	≤1
Temperature *	°C	Laboratory and Field Method	33	≤45
Total Suspended Solids #	mg/l	Dried at 103-105 °C (SM:2540D)	63	≤200

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (1-003-ก-7280)*

Examined By :

(Miss Apiradee Chuen-arom)
(1-003-ก-4377)
23/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(1-003-ก-2205)
23/03/2022

Test Report

Request No : W6503155

Report No : 6503-1669

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65030706

Sample Name : Influent

Sampling Date : 04/03/2022

Sampling By : ETC

Sampling Time : 9:00 AM - 3:00 PM

Sampling Method : Composit

Received Date : 05/03/2022

Tested Date : 07/03/2022 - 19/03/2022

Reported Date : 23/03/2022

Parameter	Unit	Method	Result	Standard ¹
Ammonia Nitrogen	mg/l as NH ₃ -N	Distillation and Titrimetric Method (SM:4500 -NH ₃ B,4500 -NH ₃ C)	18	-
Flow Rate	m ³ /day	Calculation Method	6,008	-

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition. 2017

3. Parameter Outside The Scope of The Registration of Department of Industrial Works

4. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

23/03/2022

Test Report

Request No : W6503155

Report No : 6503-1671

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65030710

Sample Name : Influent

Sampling Date : 04/03/2022

Sampling By : ETC

Sampling Time : 3:00 PM

Sampling Method : Grab

Received Date : 05/03/2022

Tested Date : 09/03/2022

Reported Date : 23/03/2022

Parameter	Unit	Method	Result	Standard ¹
Coliform Bacteria	MPN:100 ml	MPN Test Method (SM:9221B)	>160,000	-

Physical Apperance : 1. Sample : yellow, turbid
2. Container : Normal [G 0.25 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)
2. Parameter Outside The Scope of The Registration of Department of Industrial Works
3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
4. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
23/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6504027

Report No : 6504-1649

Customer : MDX Public Co.,Ltd.**

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**

Sampling Source : WWTP**

Sample No : W 65040133

Sample Name : Influent**

Sampling Date : 01/04/2022**

Sampling By : ETC**

Sampling Time : 9:10 AM - 3:10 PM**

Sampling Method : Composit**

Received Date : 02/04/2022

Tested Date : 02/04/2022 - 08/04/2022

Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	17.9	≤500
Cadmium @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Chemical Oxygen Demand #	mg/l	Closed Reflux,Titrimetric Method (SM:5220C)	47	≤750
Copper @	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	0.20	≤2

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-จ-5637)*

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-จ-4377)

26/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-จ-2205)

26/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6504027

Report No : 6504-1649

Customer : MDX Public Co.,Ltd.**

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**

Sampling Source : WWTP**

Sample No : W 65040133

Sample Name : Influent**

Sampling Date : 01/04/2022**

Sampling By : ETC**

Sampling Time : 9:10 AM - 3:10 PM**

Sampling Method : Composit**

Received Date : 02/04/2022

Tested Date : 02/04/2022 - 08/04/2022

Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard ¹
Lead [@]	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Mercury [#]	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Oil and Grease [@]	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 10
pH (on site) *		Electrometric Method	7.2	5.5 - 9.0
Phenol *	mg/l	Distillation, Direct Photometric Method (SM:5530B,D)	0.055	≤ 1
Temperature *	°C	Laboratory and Field Method	32	≤ 45
Total Suspended Solids [#]	mg/l	Dried at 103-105 C (SM:2540D)	25	≤ 200

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-จ-5637)*

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

26/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

26/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6504027

Report No : 6504-1649

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65040133

Sample Name : Influent

Sampling Date : 01/04/2022

Sampling By : ETC

Sampling Time : 9:10 AM - 3:10 PM

Sampling Method : Composit

Received Date : 02/04/2022

Tested Date : 02/04/2022 - 08/04/2022

Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard ¹
Ammonia Nitrogen	mg/l as NH ₃ -N	Distillation and Titrimetric Method (SM:4500 -NH ₃ B,4500 -NH ₃ C)	10	-
Flow Rate	m ³ /day	Calculation Method	6,374	-

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

3. Parameter Outside The Scope of The Registration of Department of Industrial Works

4. Sampling By Mr. Supharerk Phatklang (ว-003-จ-5637)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

26/04/2022

Test Report

Request No : W6504028

Report No : 6504-0483

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65040137

Sample Name : Influent

Sampling Date : 01/04/2022

Sampling By : ETC

Sampling Time : 3:10 PM

Sampling Method : Grab

Received Date : 02/04/2022

Tested Date : 06/04/2022

Reported Date : 08/04/2022

Parameter	Unit	Method	Result	Standard ¹
Coliform Bacteria	MPN:100 ml	MPN Test Method (SM:9221B)	>160,000	-

Physical Apperance : 1. Sample : yellowish, turbid

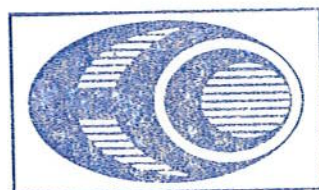
2. Container : Normal [G 0.25 L]

Remark : 1. /I Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Parameter Outside The Scope of The Registration of Department of Industrial Works

4. Sampling By Mr. Supharek Phatklang (ว-003-จ-5637)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

08/04/2022

Test Report

Request No : W6505163

Report No : 6505-1846

Customer : MDX Public Co.,Ltd.**

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**

Sampling Source : WWTP**

Sample No : W 65050659

Sample Name : Influent**

Sampling Date : 06/05/2022**

Sampling By : ETC**

Sampling Time : 9:10 AM - 3:10 PM**

Sampling Method : Composit**

Received Date : 07/05/2022

Tested Date : 07/05/2022 - 17/05/2022

Reported Date : 25/05/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	57.4	≤500
Cadmium @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	137	≤750
Copper @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	0.26	≤2

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ก-7279)*

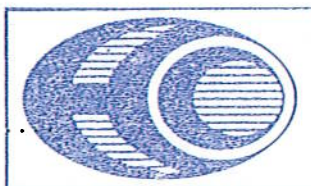
5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

25/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

25/05/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6505163

Report No : 6505-1846

Customer : MDX Public Co.,Ltd.**

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**

Sampling Source : WWTP**

Sample No : W 65050659

Sample Name : Influent**

Sampling Date : 06/05/2022**

Sampling By : ETC**

Sampling Time : 9:10 AM - 3:10 PM**

Sampling Method : Composit**

Received Date : 07/05/2022

Tested Date : 07/05/2022 - 17/05/2022

Reported Date : 25/05/2022

Parameter	Unit	Method	Result	Standard ¹
Lead [@]	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Mercury [#]	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Oil and Grease [@]	mg/l	Partition-Gravimetric Method (SM:5520B)	7.1	≤ 10
pH (on site) *		Electrometric Method	7.3	5.5 - 9.0
Phenol *	mg/l	Distillation, Direct Photometric Method (SM:5530B,D)	0.090	≤ 1
Temperature *	°C	Laboratory and Field Method	29	≤ 45
Total Suspended Solids [#]	mg/l	Dried at 103-105 °C (SM:2540D)	45	≤ 200

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /I Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (๓-๐๐3-๓-๗2๗9)*

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(๓-๐๐3-๓-43๗๗)

25/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(๓-๐๐3-๓-22๐5)

25/05/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY



Test Report

Request No : W6505163

Report No : 6505-1846

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65050659

Sample Name : Influent

Sampling Date : 06/05/2022

Sampling By : ETC

Sampling Time : 9:10 AM - 3:10 PM

Sampling Method : Composit

Received Date : 07/05/2022

Tested Date : 07/05/2022 - 17/05/2022

Reported Date : 25/05/2022

Parameter	Unit	Method	Result	Standard ¹
Ammonia Nitrogen	mg/l as NH ₃ -N	Distillation and Titrimetric Method (SM:4500 -NH ₃ B,4500 -NH ₃ C)	12	-
Flow Rate	m ³ /day	Calculation Method	6,925	-

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. Sampling By Mr. Songpon Phiwuan (ว-003-ก-7279)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

25/05/2022

**Test Report**

Request No : W6505163

Report No : 6505-1850

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65050663

Sample Name : Influent

Sampling Date : 06/05/2022

Sampling By : ETC

Sampling Time : 3:10 PM

Sampling Method : Grab

Received Date : 07/05/2022

Tested Date : 17/05/2022

Reported Date : 25/05/2022

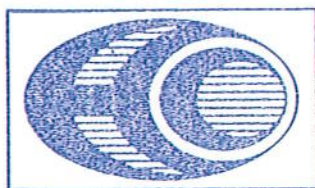
Parameter	Unit	Method	Result	Standard ¹
Coliform Bacteria	MPN:100 ml	MPN Test Method (SM:9221B)	>160,000	-

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [G 0.25 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

- SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
- Parameter Outside The Scope of The Registration of Department of Industrial Works
- Sampling By Mr. Songpon Phivuan (ว-003-ค-7279)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

25/05/2022

COPY

Test Report

Request No : W6506105

Report No : 6506-1855

Customer : MDX Public Co.,Ltd.**

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**

Sampling Source : WWTP**

Sample No : W 65060438

Sample Name : Influent**

Sampling Date : 02/06/2022**

Sampling By : ETC**

Sampling Time : 9:05 AM - 3:05 PM**

Sampling Method : Composit

Received Date : 04/06/2022

Tested Date : 06/06/2022 - 13/06/2022

Reported Date : 23/06/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	32.8	≤500
Cadmium @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	93	≤750
Copper @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	0.21	≤2

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISL, # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mrs. Wanpen Lhaochindawat is Technical Management.

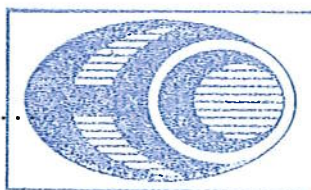
4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Pompinan Viriyakusolkul (1-003-0-8334)*

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)
(1-003-0-4377)

23/06/2022



บริษัท อีสเทิร์นไทย คอนซัลติ้ง 1992 จำกัด

Approved By :

(Mrs. Wanpen Lhaochindawat)
(1-003-0-2183)

23/06/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6506105

Report No : 6506-1855

Customer : MDX Public Co.,Ltd.**

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**

Sampling Source : WWTP**

Sample No : W 65060438

Sample Name : Influent**

Sampling Date : 02/06/2022**

Sampling By : ETC**

Sampling Time : 9:05 AM - 3:05 PM**

Sampling Method : Composit**

Received Date : 04/06/2022

Tested Date : 06/06/2022 - 13/06/2022

Reported Date : 23/06/2022

Parameter	Unit	Method	Result	Standard ¹
Lead [@]	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Mercury [#]	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Oil and Grease [@]	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 10
pH (on site) [*]		Electrometric Method	7.1	5.5 - 9.0
Phenol [*]	mg/l	Distillation, Direct Photometric Method (SM:5530B,D)	0.072	≤ 1
Temperature [*]	°C	Laboratory and Field Method	34	≤ 45
Total Suspended Solids [#]	mg/l	Dried at 103-105 C (SM:2540D)	24	≤ 200

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)


2. @ = ISO/IEC 17025:2017 Accredited by TISIL, # = ISO/IEC 17025:2017 Accredited by DSS,

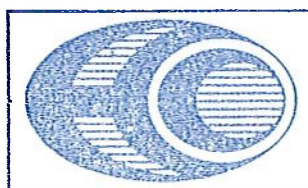
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

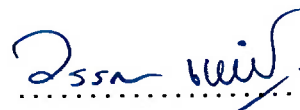
3. Miss Apiradee Chuen-arom is Section Head / Mrs. Wanpen Lhaochindawat is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Pornpinan Viriyakusolkul (จ-003-ก-8334)*

5. ** = These data are non laboratory data.

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
23/06/2022



Approved By : 
(Mrs. Wanpen Lhaochindawat)
(จ-003-ก-2183)
23/06/2022

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6506105

Report No : 6506-1855

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65060438

Sample Name : Influent

Sampling Date : 02/06/2022

Sampling By : ETC

Sampling Time : 9:05 AM - 3:05 PM

Sampling Method : Composit

Received Date : 04/06/2022

Tested Date : 06/06/2022 - 13/06/2022

Reported Date : 23/06/2022

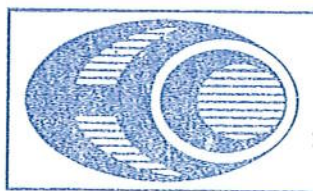
Parameter	Unit	Method	Result	Standard ¹
Ammonia Nitrogen	mg/l as NH ₃ -N	Distillation and Titrimetric Method (SM:4500 -NH ₃ B,4500 -NH ₃ C)	12	-
Flow Rate	m ³ /day	Calculation Method	6,019	-

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Parameter Outside The Scope of The Registration of Department of Industrial Works
4. Sampling By Miss Pornpinan Viriyakusolkul (ว-003-จ-8334)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

23/06/2022



ACCREDITED LABORATORY
ISO/IEC 17025

Test Report

Request No : W6506105

Report No : 6506-1859

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65060442

Sample Name : Influent

Sampling Date : 02/06/2022

Sampling By : ETC

Sampling Time : 3:05 PM

Sampling Method : Grab

Received Date : 04/06/2022

Tested Date : 20/06/2022

Reported Date : 23/06/2022

Parameter	Unit	Method	Result	Standard ¹
Coliform Bacteria	MPN:100 ml	MPN Test Method (SM:9221B)	>160,000	-

Physical Apperance : 1. Sample : yellowish, turbid

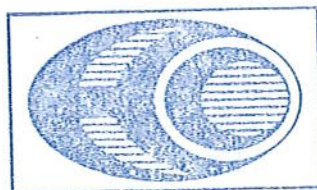
2. Container : Normal [G 0.25 L]

Remark : 1. /I Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Parameter Outside The Scope of The Registration of Department of Industrial Works

4. Sampling By Miss Pornpinan Viriyakusolkul (1-003-0-8334)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

23/06/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6501069

Report No : 6501-1738

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65010268

Sample Name : Effluent

Sampling Date : 06/01/2022

Sampling By : ETC

Sampling Time : 9:00 AM - 3:00 PM

Sampling Method : Composit

Received Date : 07/01/2022

Tested Date : 07/01/2022 - 21/01/2022

Reported Date : 26/01/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/Atomic Absorption Spectrometric	< 0.0020	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	10.3	≤20
Cadmium *	mg/l	Digestion, Inductively Coupled Plasma	< 0.03	≤0.03
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric	< 40	≤120
Copper *	mg/l	Digestion, Direct Air-Acetylene Flame	< 0.10	≤2
Cyanide *	mg/l as HCN	Distillation, Colorimetric Method	0.022	≤0.2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Colorimetric Method	< 0.050	≤0.25
Lead *	mg/l	Digestion, Direct Air-Acetylene Flame	< 0.10	≤0.2

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L* [5 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

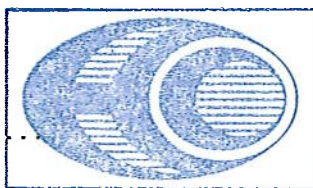
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-จ-5637)*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

26/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

26/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6501069

Report No : 6501-1738

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65010268

Sample Name : Effluent

Sampling Date : 06/01/2022

Sampling By : ETC

Sampling Time : 9:00 AM - 3:00 PM

Sampling Method : Composit

Received Date : 07/01/2022

Tested Date : 07/01/2022 - 21/01/2022

Reported Date : 26/01/2022

Parameter	Unit	Method	Result	Standard/ ¹
Magnesium *	mg/l	Digestion,Inductively Coupled Plasma	6.19	-
Manganese *	mg/l	Digestion,Inductively Coupled Plasma	0.14	≤5
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric	< 0.0010	≤0.005
Nickel *	mg/l	Digestion,Direct Air-Acetylene Flame	< 0.10	≤1
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	≤5
pH (on site) *		Electrometric	7.5	5.5-9.0
Phenol *	mg/l	Distillation,Direct Photometric	0.031	≤1
Selenium *	mg/l	Continuous Hydride Generation/Atomic Absorption Spectrometric	< 0.0050	≤0.02

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L* [5 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (๓-003-๓-5637)*

Examined By :

(Miss Apiradee Chuen-arom)

(๓-003-๓-4377)

26/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(๓-003-๓-2205)

26/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6501069

Report No : 6501-1738

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65010268

Sample Name : Effluent

Sampling Date : 06/01/2022

Sampling By : ETC

Sampling Time : 9:00 AM - 3:00 PM

Sampling Method : Composit

Received Date : 07/01/2022

Tested Date : 07/01/2022 - 21/01/2022

Reported Date : 26/01/2022

Parameter	Unit	Method	Result	Standard ¹
Temperature *	°C	Laboratory and Field	30	≤40
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	5	≤50
Zinc *	mg/l	Digestion, Inductively Coupled Plasma	0.05	≤5

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L* [5 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,

Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-จ-5637)*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-จ-4377)

26/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-จ-2205)

26/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6501069

Report No : 6501-1738

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65010268

Sample Name : Effluent

Sampling Date : 06/01/2022

Sampling By : ETC

Sampling Time : 9:00 AM - 3:00 PM

Sampling Method : Composit

Received Date : 07/01/2022

Tested Date : 07/01/2022 - 21/01/2022

Reported Date : 26/01/2022

Parameter	Unit	Method	Result	Standard ¹
Ammonia Nitrogen	mg/l as NH ₃ -N	Distillation and Titrimetric	< 2.00	-
Flow Rate	m ³ /day	Calculation	7,280	-
Iron	mg/l	Digestion, Direct Air-Acetylene Flame	0.34	-
Silver	mg/l	Digestion, Inductively Coupled Plasma	< 0.05	-

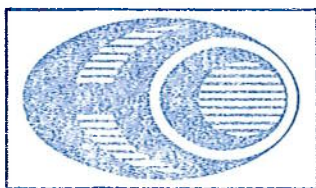
Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [5 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /I Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. Sampling By Mr. Supharerk Phatklang (๖-003-๖-5637)



บริษัท อีสเทิร์น ไทย คอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

26/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

**Test Report**

Request No : W6501069

Report No : 6501-1742

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65010392

Sample Name : Effluent

Sampling Date : 06/01/2022

Sampling By : ETC

Sampling Time : 3:00 PM

Sampling Method : Grab

Received Date : 07/01/2022

Tested Date : 20/01/2022

Reported Date : 26/01/2022

Parameter	Unit	Method	Result	Standard ¹
Coliform Bacteria	MPN:100 ml	MPN Test	230	-

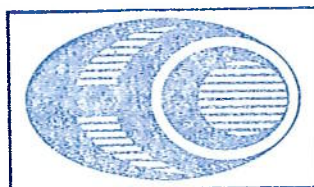
Physical Apperance : 1. Sample : yellowish

2. Container : Normal [G 0.25 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. Sampling By Mr. Supharerk Phatklang (๓-๐๐3-๖-5637)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

26/01/2022

Test Report

Request No : W6502105

Report No : 6502-1748

Customer : MDX Public Co.,Ltd.*

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110*

Sampling Source : WWTP*

Sample No : W 65020452

Sample Name : Effluent*

Sampling Date : 03/02/2022*

Sampling By : ETC*

Sampling Time : 9:05 AM - 3:05 PM*

Sampling Method : Composit*

Received Date : 04/02/2022

Tested Date : 04/02/2022 - 21/02/2022

Reported Date : 28/02/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.9	≤20
Cadmium *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Copper *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /I Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Pornpinan Viriyakusolkul (จ-003-จ-8334)*

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-จ-4377)
28/02/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-จ-2205)
28/02/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6502105

Report No : 6502-1748

Customer : MDX Public Co.,Ltd.*

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110*

Sampling Source : WWTP*

Sample No : W 65020452

Sample Name : Effluent*

Sampling Date : 03/02/2022*

Sampling By : ETC*

Sampling Time : 9:05 AM - 3:05 PM*

Sampling Method : Composit*

Received Date : 04/02/2022

Tested Date : 04/02/2022 - 21/02/2022

Reported Date : 28/02/2022

Parameter	Unit	Method	Result	Standard ¹
Lead *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 1
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 5
pH (on site) *		Electrometric Method	7.4	5.5-9.0
Phenol *	mg/l	Distillation, Direct Photometric Method (SM:5530B,D)	< 0.005	≤ 1
Temperature *	°C	Laboratory and Field Method	33	≤ 40

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Pornpinan Viriyakusolkul (จ-003-จ-8334)*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

28/02/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

28/02/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6502105

Report No : 6502-1748

Customer : MDX Public Co.,Ltd.*

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110*

Sampling Source : WWTP*

Sample No : W 65020452

Sample Name : Effluent*

Sampling Date : 03/02/2022*

Sampling By : ETC*

Sampling Time : 9:05 AM - 3:05 PM*

Sampling Method : Composit*

Received Date : 04/02/2022

Tested Date : 04/02/2022 - 21/02/2022

Reported Date : 28/02/2022

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	18	≤50
Zinc *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.05	≤5

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /I Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Pompinan Viriyakusolkul (จ-003-ท-8334)*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ท-4377)

28/02/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ท-2205)

28/02/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6502105

Report No : 6502-1748

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65020452

Sample Name : Effluent

Sampling Date : 03/02/2022

Sampling By : ETC

Sampling Time : 9:05 AM - 3:05 PM

Sampling Method : Composit

Received Date : 04/02/2022

Tested Date : 04/02/2022 - 21/02/2022

Reported Date : 28/02/2022

Parameter	Unit	Method	Result	Standard/ ¹
Ammonia Nitrogen	mg/l as NH ₃ -N	Distillation and Titrimetric Method (SM:4500 -NH ₃ B,4500 -NH ₃ C)	< 2.00	-
Flow Rate	m ³ /day	Calculation Method	5,522	-

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1./1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

4. Sampling By Miss Pornpinan Viriyakusolkul (๓-003-๓-8334)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

28/02/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6502105

Report No : 6502-1752

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65020456

Sample Name : Effluent

Sampling Date : 03/02/2022

Sampling By : ETC

Sampling Time : 3:05 PM

Sampling Method : Grab

Received Date : 04/02/2022

Tested Date : 11/02/2022

Reported Date : 28/02/2022

Parameter	Unit	Method	Result	Standard ¹
Coliform Bacteria	MPN:100 ml	MPN Test Method (SM:9221B)	4.5	-

Physical Apperance : 1. Sample : lightly SS
2. Container : Normal [G 0.25 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. Parameter Outside The Scope of The Registration of Department of Industrial Works
3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
4. Sampling By Miss Pornpinan Viriyakusolkul (๓-๐๐3-๓-8334)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

28/02/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6503155

Report No : 6503-1670

Customer : MDX Public Co.,Ltd.*

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110*

Sampling Source : WWTP*

Sample No : W 65030707

Sample Name : Effluent*

Sampling Date : 04/03/2022*

Sampling By : ETC*

Sampling Time : 9:00 AM - 3:00 PM*

Sampling Method : Composit*

Received Date : 05/03/2022

Tested Date : 07/03/2022 - 19/03/2022

Reported Date : 23/03/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.25
Biochemical Oxygen Demand [#]	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.0	≤20
Cadmium *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Copper *	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /I Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ก-7280)*

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

23/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

23/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Customer : MDX Public Co.,Ltd.*

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110*

Sampling Source : WWTP*

Sample Name : Effluent*

Sampling By : ETC*

Sampling Method : Composit*

Tested Date : 07/03/2022 - 19/03/2022

Sample No : W 65030707

Sampling Date : 04/03/2022*

Sampling Time : 9:00 AM - 3:00 PM*

Received Date : 05/03/2022

Reported Date : 23/03/2022

Request No : W6503155

Report No : 6503-1670

Parameter	Unit	Method	Result	Standard ¹
Lead *	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤0.2
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel *	mg/l	Digestion,Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤1
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.1	5.5-9.0
Phenol *	mg/l	Distillation,Direct Photometric Method (SM:5530B,D)	< 0.005	≤1
Temperature *	°C	Laboratory and Field Method	32	≤40

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (1-003-ค-7280)*

Examined By :

(Miss Apiradee Chuen-arom)

(1-003-ค-4377)

23/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(1-003-ค-2205)

23/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6503155

Report No : 6503-1670

Customer : MDX Public Co.,Ltd.*

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110*

Sampling Source : WWTP*

Sample No : W 65030707

Sample Name : Effluent*

Sampling Date : 04/03/2022*

Sampling By : ETC*

Sampling Time : 9:00 AM - 3:00 PM*

Sampling Method : Composit*

Received Date : 05/03/2022

Tested Date : 07/03/2022 - 19/03/2022

Reported Date : 23/03/2022

Parameter	Unit	Method	Result	Standard/ ¹
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	12	≤50
Zinc *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.05	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L* [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (ว-003-ก-7280)*

Examined By :

(Miss Apiradee Chuen-arom)
(ว-003-ก-4377)
23/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(ว-003-ก-2205)
23/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY



Test Report

Request No : W6503155

Report No : 6503-1670

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65030707

Sample Name : Effluent

Sampling Date : 04/03/2022

Sampling By : ETC

Sampling Time : 9:00 AM - 3:00 PM

Sampling Method : Composit

Received Date : 05/03/2022

Tested Date : 07/03/2022 - 19/03/2022

Reported Date : 23/03/2022

Parameter	Unit	Method	Result	Standard ¹
Ammonia Nitrogen	mg/l as NH ₃ -N	Distillation and Titrimetric Method (SM:4500 -NH ₃ B,4500 -NH ₃ C)	< 2.00	-
Flow Rate	m ³ /day	Calculation Method	6,008	-

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Parameter Outside The Scope of The Registration of Department of Industrial Works

4. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

23/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6503155

Report No : 6503-1672

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65030711

Sample Name : Effluent

Sampling Date : 04/03/2022

Sampling By : ETC

Sampling Time : 3:00 PM

Sampling Method : Grab

Received Date : 05/03/2022

Tested Date : 09/03/2022

Reported Date : 23/03/2022

Parameter	Unit	Method	Result	Standard
Coliform Bacteria	MPN:100 ml	MPN Test Method (SM:9221B)	ND	-

Physical Apperance : 1. Sample : yellowish, lightly SS
2. Container : Normal [G 0.25 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

- Parameter Outside The Scope of The Registration of Department of Industrial Works
- SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
- MDL = Method Detection Limit [MDL of Coliform Bacteria = 1.8 MPN:100 ml] / ND = Not Detected
- Sampling By Mr. Parkpoom Buasawad (1-003-ค-7280)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Examined By : 
(Miss Apiradee Chuen-arom)
23/03/2022

COPY

Test Report

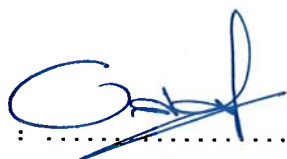
Customer : MDX Public Co.,Ltd.**
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**
Sampling Source : WWTP**
Sample Name : Effluent**
Sampling By : ETC**
Sampling Method : Composit**
Tested Date : 02/04/2022 - 12/04/2022

Request No : W6504027
Report No : 6504-1650
Sample No : W 65040134
Sampling Date : 01/04/2022**
Sampling Time : 9:00 AM - 3:00 PM**
Received Date : 02/04/2022
Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard ^{1/}
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤20
Cadmium @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Copper @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

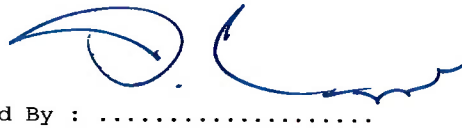
Physical Appearance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /I Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-จ-5637)*
5. ** = These data are non laboratory data.

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-4377)
26/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ค-2205)
26/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6504027

Report No : 6504-1650

Customer : MDX Public Co.,Ltd.**

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**

Sampling Source : WWTP**

Sample No : W 65040134

Sample Name : Effluent**

Sampling Date : 01/04/2022**

Sampling By : ETC**

Sampling Time : 9:00 AM - 3:00 PM**

Sampling Method : Composit**

Received Date : 02/04/2022

Tested Date : 02/04/2022 - 12/04/2022

Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard ¹
Lead [@]	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Mercury [#]	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel [@]	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 1
Oil and Grease [@]	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 5
pH (on site) *		Electrometric Method	7.1	5.5-9.0
Phenol *	mg/l	Distillation, Direct Photometric Method (SM:5530B,D)	0.051	≤ 1
Temperature *	°C	Laboratory and Field Method	33	≤ 40

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (๖-003-๖-5637)*

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(๖-003-๖-4377)

26/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(๖-003-๖-2205)

26/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6504027

Report No : 6504-1650

Customer : MDX Public Co.,Ltd.**

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**

Sampling Source : WWTP**

Sample No : W 65040134

Sample Name : Effluent**

Sampling Date : 01/04/2022**

Sampling By : ETC**

Sampling Time : 9:00 AM - 3:00 PM**

Sampling Method : Composit**

Received Date : 02/04/2022

Tested Date : 02/04/2022 - 12/04/2022

Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids [#]	mg/l	Dried at 103-105 C (SM:2540D)	9	≤50
Zinc [@]	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharek Phatklang (1-003-0-5637)*

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(1-003-0-4377)

26/04/2022



บริษัท อีสเทิร์นไทยคंसัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(1-003-0-2205)

26/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY



Test Report

Request No : W6504027

Report No : 6504-1650

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65040134

Sample Name : Effluent

Sampling Date : 01/04/2022

Sampling By : ETC

Sampling Time : 9:00 AM - 3:00 PM

Sampling Method : Composit

Received Date : 02/04/2022

Tested Date : 02/04/2022 - 12/04/2022

Reported Date : 26/04/2022

Parameter	Unit	Method	Result	Standard ¹
Ammonia Nitrogen	mg/l as NH ₃ -N	Distillation and Titrimetric Method (SM:4500 -NH ₃ B,4500 -NH ₃ C)	<2.00	-
Flow Rate	m ³ /day	Calculation Method	6,374	-

Physical Apperance : 1. Sample : yellowish, lightly SS

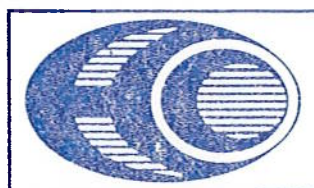
2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Parameter Outside The Scope of The Registration of Department of Industrial Works

4. Sampling By Mr. Supharerk Phatklang (๖-003-๖-5637)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

26/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6504028

Report No : 6504-0484

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65040138

Sample Name : Effluent

Sampling Date : 01/04/2022

Sampling By : ETC

Sampling Time : 3:00 PM

Sampling Method : Grab

Received Date : 02/04/2022

Tested Date : 06/04/2022

Reported Date : 08/04/2022

Parameter	Unit	Method	Result	Standard ¹
Coliform Bacteria	MPN:100 ml	MPN Test Method (SM:9221B)	330	-

Physical Apperance : 1. Sample : lightly SS

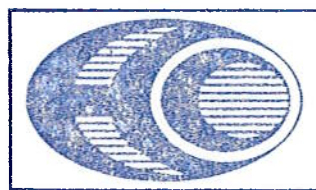
2. Container : Normal [G 0.25 L]

Remark : 1. /I Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Parameter Outside The Scope of The Registration of Department of Industrial Works

4. Sampling By Mr. Supharerk Phatklang (๖-003-๖-5637)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

08/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6505163

Report No : 6505-1847

Customer : MDX Public Co.,Ltd.**

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**

Sampling Source : WWTP**

Sample No : W 65050660

Sample Name : Effluent**

Sampling Date : 06/05/2022**

Sampling By : ETC**

Sampling Time : 9:00 AM - 3:00 PM**

Sampling Method : Composit**

Received Date : 07/05/2022

Tested Date : 07/05/2022 - 24/05/2022

Reported Date : 25/05/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤ 0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.1	≤ 20
Cadmium @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.03
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	54	≤ 120
Copper @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤ 0.25

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (1-003-ก-7279)*

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)
(1-003-ก-4377)
25/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(1-003-ก-2205)
25/05/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6505163

Report No : 6505-1847

Customer : MDX Public Co.,Ltd.**

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**

Sampling Source : WWTP**

Sample No : W 65050660

Sample Name : Effluent**

Sampling Date : 06/05/2022**

Sampling By : ETC**

Sampling Time : 9:00 AM - 3:00 PM**

Sampling Method : Composit**

Received Date : 07/05/2022

Tested Date : 07/05/2022 - 24/05/2022

Reported Date : 25/05/2022

Parameter	Unit	Method	Result	Standard ¹
Lead @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤0.2
Mercury #	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤1
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.5	5.5-9.0
Phenol *	mg/l	Distillation, Direct Photometric Method (SM:5530B,D)	< 0.005	≤1
Temperature *	°C	Laboratory and Field Method	29	≤40

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (1-003-ก-7279)*

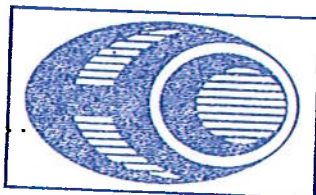
5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(1-003-ก-4377)

25/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(1-003-ก-2205)

25/05/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6505163

Report No : 6505-1847

Customer : MDX Public Co.,Ltd.**

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**

Sampling Source : WWTP**

Sample No : W 65050660

Sample Name : Effluent**

Sampling Date : 06/05/2022**

Sampling By : ETC**

Sampling Time : 9:00 AM - 3:00 PM**

Sampling Method : Composit**

Received Date : 07/05/2022

Tested Date : 07/05/2022 - 24/05/2022

Reported Date : 25/05/2022

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids [#]	mg/l	Dried at 103-105 C (SM:2540D)	22	≤50
Zinc [@]	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.07	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISL, # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ก-7279)*

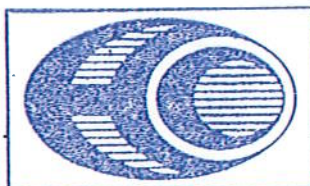
5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

25/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

25/05/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6505163

Report No : 6505-1847

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65050660

Sample Name : Effluent

Sampling Date : 06/05/2022

Sampling By : ETC

Sampling Time : 9:00 AM - 3:00 PM

Sampling Method : Composit

Received Date : 07/05/2022

Tested Date : 07/05/2022 - 24/05/2022

Reported Date : 25/05/2022

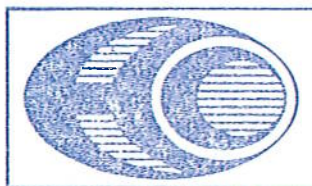
Parameter	Unit	Method	Result	Standard ¹
Ammonia Nitrogen	mg/l as NH ₃ -N	Distillation and Titrimetric Method (SM:4500 -NH ₃ B,4500 -NH ₃ C)	<2.00	-
Flow Rate	m ³ /day	Calculation Method	6,925	-

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

- SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
- Parameter Outside The Scope of The Registration of Department of Industrial Works
- Sampling By Mr. Songpon Phivuan (ว-003-ก-7279)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

25/05/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

**Test Report**

Request No : W6505163

Report No : 6505-1851

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65050664

Sample Name : Effluent

Sampling Date : 06/05/2022

Sampling By : ETC

Sampling Time : 3:00 PM

Sampling Method : Grab

Received Date : 07/05/2022

Tested Date : 17/05/2022

Reported Date : 25/05/2022

Parameter	Unit	Method	Result	Standard ¹
Coliform Bacteria	MPN:100 ml	MPN Test Method (SM:9221B)	2.0	-

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [G 0.25 L]

Remark : 1./1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Parameter Outside The Scope of The Registration of Department of Industrial Works

4. Sampling By Mr. Songpon Phivuan (ว-003-ก-7279)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

25/05/2022

Test Report

Request No : W6506105

Report No : 6506-1856

Customer : MDX Public Co.,Ltd.**

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**

Sampling Source : WWTP**

Sample No : W 65060439

Sample Name : Effluent**

Sampling Date : 02/06/2022**

Sampling By : ETC**

Sampling Time : 9:00 AM - 3:00 PM**

Sampling Method : Composit**

Received Date : 04/06/2022

Tested Date : 06/06/2022 - 01/07/2022

Reported Date : 01/07/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.25
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤20
Cadmium @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	42	≤120
Copper @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	0.14	≤2
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mrs. Wanpen Lhaochinwat is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Pornpinan Viriyakusolkul (จ-003-จ-8334)*

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-จ-4377)

01/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mrs. Wanpen Lhaochinwat)

(จ-003-จ-2183)

01/07/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6506105

Report No : 6506-1856

Customer : MDX Public Co.,Ltd.**

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**

Sampling Source : WWTP**

Sample No : W 65060439

Sample Name : Effluent**

Sampling Date : 02/06/2022**

Sampling By : ETC**

Sampling Time : 9:00 AM - 3:00 PM**

Sampling Method : Composit**

Received Date : 04/06/2022

Tested Date : 06/06/2022 - 01/07/2022

Reported Date : 01/07/2022

Parameter	Unit	Method	Result	Standard ¹
Lead @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 0.2
Mercury #	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel @	mg/l	Digestion, Direct Air-Acetylene Flame Method (SM:3030F, 3111B)	< 0.10	≤ 1
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 5
pH (on site) *		Electrometric Method	7.1	5.5-9.0
Phenol *	mg/l	Distillation, Direct Photometric Method (SM:5530B,D)	0.020	≤ 1
Temperature *	°C	Laboratory and Field Method	35	≤ 40

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /I Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)


2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

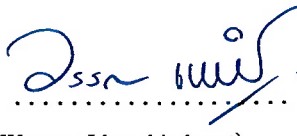
3. Miss Apiradee Chuen-arom is Section Head / Mrs. Wanpen Lhaochinwat is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Pornpinan Viriyakusolkul (จ-003-ท-8334)*

5. ** = These data are non laboratory data.

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ท-4377)
01/07/2022



Approved By : 
(Mrs. Wanpen Lhaochinwat)
(จ-003-ท-2183)
01/07/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6506105

Report No : 6506-1856

Customer : MDX Public Co.,Ltd.**

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**

Sampling Source : WWTP**

Sample No : W 65060439

Sample Name : Effluent**

Sampling Date : 02/06/2022**

Sampling By : ETC**

Sampling Time : 9:00 AM - 3:00 PM**

Sampling Method : Composit**

Received Date : 04/06/2022

Tested Date : 06/06/2022 - 01/07/2022

Reported Date : 01/07/2022

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids [#]	mg/l	Dried at 103-105 C (SM:2540D)	21	≤50
Zinc [@]	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.07	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L { 3 Bottle}, PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mrs. Wanpen Lhaochinwat is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Pornpinan Viriyakusolkul (จ-003-จ-8334)*

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-จ-4377)

01/07/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mrs. Wanpen Lhaochinwat)

(จ-003-จ-2183)

01/07/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6506105

Report No : 6506-1856

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65060439

Sample Name : Effluent

Sampling Date : 02/06/2022

Sampling By : ETC

Sampling Time : 9:00 AM - 3:00 PM

Sampling Method : Composit

Received Date : 04/06/2022

Tested Date : 06/06/2022 - 13/06/2022

Reported Date : 23/06/2022

Parameter	Unit	Method	Result	Standard ¹
Ammonia Nitrogen	mg/l as NH ₃ -N	Distillation and Titrimetric Method (SM:4500 -NH ₃ B,4500 -NH ₃ C)	< 2.00	-
Flow Rate	m ³ /day	Calculation Method	6,019	-

Physical Apperance : 1. Sample : yellowish, lightly SS

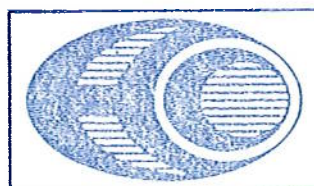
2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Parameter Outside The Scope of The Registration of Department of Industrial Works

4. Sampling By Miss Pornpinan Viriyakusolkul (ว-003-จ-8334)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

23/06/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

**Test Report**

Request No : W6506105

Report No : 6506-1860

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : WWTP

Sample No : W 65060443

Sample Name : Effluent

Sampling Date : 02/06/2022

Sampling By : ETC

Sampling Time : 3:00 PM

Sampling Method : Grab

Received Date : 04/06/2022

Tested Date : 20/06/2022

Reported Date : 23/06/2022

Parameter	Unit	Method	Result	Standard ¹
Coliform Bacteria	MPN:100 ml	MPN Test Method (SM:9221B)	1,100	-

Physical Apperance : 1. Sample: yellowish

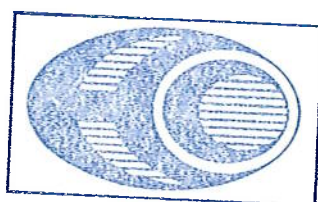
2. Container : Normal [G 0.25 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Parameter Outside The Scope of The Registration of Department of Industrial Works

4. Sampling By Miss Pornpinan Viriyakusolkul (1-003-1-8334)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

23/06/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

TEST REPORT

Customer : MDX Public Co.,Ltd.
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110
Sampling Source : Surface Water Sample No. : W 65011414
Sample Name : ดินน้ำของพื้นที่โครงการ 200 เมตร Sampling Date : 17/01/2022
Sampling By : ETC Sampling Time : 1:00 PM
Sampling Method : Grab Received Date : 18/01/2022
Tested Date : 18/01/2022 – 28/01/2022 Reported Date : 26/02/2022

Parameter	Unit	Method	Result	Standard ²	Standard ¹
Arsenic *	mg/l	Continuous, Hydride Generation / Atomic Absorption Spectrometric	< 0.0020	≤ 0.01	≤ 0.01
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	11.9	≤ 4	≤ 2
Dissolved Oxygen *	mg/l	Membrane Electrode	5.1	≥ 2	≥ 4
Fecal Coliform Bacteria *	MPN : 100 ml	MPN Test	130	-	≤ 4000
Lead *	mg/l	Digestion, Inductively Coupled Plasma	< 0.010	≤ 0.05	≤ 0.05
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric	< 0.0010	≤ 0.002	≤ 0.002
Nitrate *	mg/l as NO ₃ ⁻	Cadmium Reduction	< 0.44	-	≤ 5

Physical Apperance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L [2 Bottle], PE 1.0 L, PE 2.0 L*, G 1.0 L]

- Remark :
1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 3
 2. /2 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
 3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
 4. Parameter Outside The Scope of The Registration of Department of Industrial Works
 5. Mr. Kawee Suthasub is Technical Management.
 6. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (3-003-ก-7280)*
 7. ร ** = คุณหมึกของน้ำจะต้องไม่สูงกว่าคุณหมึกตามธรรมชาติ เกิน 3 องศาเซลเซียส

SUPPLEMENT TO TEST REPORT NO. 6502-0026



Examined By

(Mr. Kawee Suthasub)

26/02/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. W6501341

Report No. 6502-0026-1

TEST REPORT

Customer : MDX Public Co.,Ltd.
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110
Sampling Source : Surface Water Sample No. : W 65011414
Sample Name : คำน้ําของพื้นที่โครงการ 200 เมตร Sampling Date : 17/01/2022
Sampling By : ETC Sampling Time : 1:00 PM
Sampling Method : Grab Received Date : 18/01/2022
Tested Date : 18/01/2022 – 28/01/2022 Reported Date : 26/02/2022

Parameter	Unit	Method	Result	Standard ²	Standard ¹
Nitrogen (Nitrate) *	mg/l as NO ₃ -N	Cadmium Reduction	< 0.10	≤ 5	≤ 5
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	-	-
pH (on site) *		Electrometric	7.3	5.0-9.0	5.0-9.0
Temperature *	°C	Laboratory and Field	28	๓ **	๓ **
Total Suspended Solids *	mg/l	Dried at 103-105 °C : APHA 2017 (2540 D)	13	-	-

Physical Apperance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L [2 Bottle], PE 1.0 L, PE 2.0 L*, G 1.0 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 3
2. /2 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
4. Parameter Outside The Scope of The Registration of Department of Industrial Works
5. Mr. Kawee Suthasub is Technical Management.
6. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (๓-003-ก-7280)*
7. ๓ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

SUPPLEMENT TO TEST REPORT NO. 6502-0026



Examined By

(Mr. Kawee Suthasub)

26/02/2022

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. W6501341

Report No. 6502-0026-1

TEST REPORT

Customer : MDX Public Co.,Ltd.
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110
Sampling Source : Surface Water Sample No. : W 65011414
Sample Name : น้ำจากพื้นที่โครงการ 200 เมตร Sampling Date : 17/01/2022
Sampling By : ETC Sampling Time : 1:00 PM
Sampling Method : Grab Received Date : 18/01/2022
Tested Date : 18/01/2022 – 28/01/2022 Reported Date : 26/02/2022

Parameter	Unit	Method	Result	Standard ²	Standard ¹
Ammonia Nitrogen #	mg/l	Spectrophotometer	0.34	≤ 0.5	≤ 0.5

Physical Apperance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L [2 Bottle], PE 1.0 L, PE 2.0 L, G 1.0 L]
Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 3
2. /2 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
3. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University
4. Sampling By Mr. Parkpoom Buasawad (จ-003-ก-7280)

SUPPLEMENT TO TEST REPORT NO. 6502-0026



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By

(Miss Apiradee Chuen-arom)

26/02/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. W6505164

Report No. 6506-1863-1

TEST REPORT

Customer : MDX Public Co.,Ltd.**
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**
Sampling Source : Surface Water ** Sample No. : W 65050667
Sample Name : ดินน้ำของพื้นที่โครงการ 200 เมตร** Sampling Date : 06/05/2022**
Sampling By : ETC** Sampling Time : 11:10 AM**
Sampling Method : Grab** Received Date : 07/05/2022
Tested Date : 07/05/2022 – 22/06/2022 Reported Date : 02/07/2022

Parameter	Unit	Method	Result	Standard ²	Standard ¹
Arsenic *	mg/l	Continuous, Hydride Generation / AAS Method (SM:3114B)	0.0022	≤ 0.01	≤ 0.01
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.8	≤ 4	≤ 2
Dissolved Oxygen *	mg/l	Membrane Electrode Method (SM:4500-O G)	3.5	≥ 2	≥ 4
Fecal Coliform Bacteria *	MPN : 100 ml	MPN Test Method (SM:9221E)	2,300	-	≤ 4000
Lead @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05	≤ 0.05
Mercury #	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.002	≤ 0.002

Physical Apperance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L (2 Bottle), PE 1.8 L, G 1.0 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 3
2. /2 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
3. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
4. Parameter Outside The Scope of The Registration of Department of Industrial Works
5. Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data
6. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (ว-003-ก-7279)*
7. ข ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

SUPPLEMENT TO TEST REPORT NO. 6506-1863



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Examined By

(Mr. Kawee Suthasub)

02/07/2022

COPY

Request No. W6505164

Report No. 6506-1863-1

TEST REPORT

Customer : MDX Public Co.,Ltd.**
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**
Sampling Source : Surface Water ** Sample No. : W 65050667
Sample Name : ดินน้ำของพื้นที่โครงการ 200 เมตร** Sampling Date : 06/05/2022**
Sampling By : ETC** Sampling Time : 11:10 AM**
Sampling Method : Grab** Received Date : 07/05/2022
Tested Date : 07/05/2022 – 22/06/2022 Reported Date : 02/07/2022

Parameter	Unit	Method	Result	Standard ²	Standard ¹
Nitrate *	mg/l as NO ₃ ⁻	Cadmium Reduction Method (SM:4500 – NO ₃ -B)	< 0.44	-	≤ 5
Nitrogen (Nitrate) *	mg/l as NO ₃ -N	Cadmium Reduction Method (SM:4500 – NO ₃ -B)	< 0.10	≤ 5	≤ 5
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	-	-
pH (on site) *		Electrometric Method	7.1	5.0-9.0	5.0-9.0
Temperature *	°C	Laboratory and Field Method	29	๓ **	๓ **
Total Suspended Solids #	mg/l	Dried at 103-105 °C (SM:2540D)	58	-	-

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L (2 Bottle), PE 1.8 L, G 1.0 L]

- Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 3
2. /2 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
4. Parameter Outside The Scope of The Registration of Department of Industrial Works
5. Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data
6. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (๖-003-๓-7279)*
7. ๓ ** = คุณหมูนํ้าของน้ำจะต้องไม่สูงกว่าคุณหมูนํ้าตามธรรมชาติ เกิน 3 องศาเซลเซียส

SUPPLEMENT TO TEST REPORT NO. 6506-1863



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Examined By

(Mr. Kawee Suthasub)

02/07/2022

COPY

Request No. W6505164

Report No. 6506-1863-1

TEST REPORT

Customer : MDX Public Co.,Ltd.
 Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110
 Sampling Source : Surface Water Sample No. : W 65050667
 Sample Name : น้ำของพื้นที่โครงการ 200 เมตร Sampling Date : 6/5/2022
 Sampling By : ETC Sampling Time : 11:10 AM
 Sampling Method : Grab Received Date : 07/05/2022
 Tested Date : 07/05/2022 – 22/06/2022 Reported Date : 02/07/2022

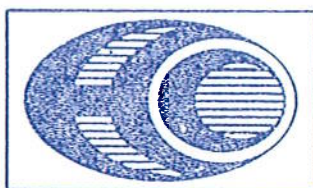
Parameter	Unit	Method	Result	Standard ²	Standard ¹
Ammonia Nitrogen #	mg/l	Spectrophotometer	0.20	≤ 0.5	≤ 0.5

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L (2 Bottle), PE 1.8 L, G 1.0 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 3
 2. /2 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
 3. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University
 4. Sampling By Mr. Songpon Phiwuan (๖-003-ก-7279)

SUPPLEMENT TO TEST REPORT NO. 6506-1863



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By 

(Miss Apiradee Chuen-arom)

02/07/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
 THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
 WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. W6501341

Report No. 6502-0025-1

TEST REPORT

Customer : MDX Public Co.,Ltd.
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110
Sampling Source : Surface Water Sample No. : W 65011413
Sample Name : จุฬารายน้ำทั้ง Sampling Date : 17/01/2022
Sampling By : ETC Sampling Time : 1:40 PM
Sampling Method : Grab Received Date : 18/01/2022
Tested Date : 18/01/2022 – 28/01/2022 Reported Date : 26/02/2022

Parameter	Unit	Method	Result	Standard ¹	Standard ¹¹
Arsenic *	mg/l	Continuous, Hydride Generation / Atomic Absorption Spectrometric	< 0.0020	≤ 0.01	≤ 0.01
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	7.6	≤ 4	≤ 2
Dissolved Oxygen *	mg/l	Membrane Electrode	3.8	≥ 2	≥ 4
Fecal Coliform Bacteria *	MPN : 100 ml	MPN Test	490	-	≤ 4000
Lead *	mg/l	Digestion, Inductively Coupled Plasma	< 0.010	≤ 0.05	≤ 0.05
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric	< 0.0010	≤ 0.002	≤ 0.002
Nitrate *	mg/l as NO ₃ ⁻	Cadmium Reduction	14.0	-	≤ 5

Physical Apperance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 2.0 L*, G 1.0 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 3
2. /2 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
4. Parameter Outside The Scope of The Registration of Department of Industrial Works
5. Mr. Kawee Suthasub is Technical Management.
6. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (1-003-ค-7280)*
7. ข ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

SUPPLEMENT TO TEST REPORT NO. 6502-0025



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By

(Mr. Kawee Suthasub)

26/02/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. W6501341

Report No. 6502-0025-1

TEST REPORT

Customer : MDX Public Co.,Ltd.
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110
Sampling Source : Surface Water Sample No. : W 65011413
Sample Name : จุฑระบายน้ำทิ้ง Sampling Date : 17/01/2022
Sampling By : ETC Sampling Time : 1:40 PM
Sampling Method : Grab Received Date : 18/01/2022
Tested Date : 18/01/2022 – 28/01/2022 Reported Date : 26/02/2022

Parameter	Unit	Method	Result	Standard ²	Standard ¹
Nitrogen (Nitrate) *	mg/l as NO ₃ -N	Cadmium Reduction	3.16	≤ 5	≤ 5
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	-	-
pH (on site) *		Electrometric	7.1	5.0-9.0	5.0-9.0
Temperature *	°C	Laboratory and Field	28	๖ **	๖ **
Total Suspended Solids *	mg/l	Dried at 103-105 °C : APHA 2017 (2540 D)	30	-	-

Physical Apperance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 2.0 L*, G 1.0 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 3
2. /2 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
4. Parameter Outside The Scope of The Registration of Department of Industrial Works
5. Mr. Kawee Suthasub is Technical Management.
6. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (๖-003-ค-7280)*
7. ๖ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

SUPPLEMENT TO TEST REPORT NO. 6502-0025



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By

(Mr. Kawee Suthasub)

26/02/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. W6501341

Report No. 6502-0025-1

TEST REPORT

Customer : MDX Public Co.,Ltd.
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110
Sampling Source : Surface Water Sample No. : W 65011413
Sample Name : จุดระบายน้ำทิ้ง Sampling Date : 17/01/2022
Sampling By : ETC Sampling Time : 1:40 PM
Sampling Method : Grab Received Date : 18/01/2022
Tested Date : 18/01/2022 – 28/01/2022 Reported Date : 26/02/2022

Parameter	Unit	Method	Result	Standard ¹²	Standard ¹¹
Ammonia Nitrogen #	mg/l	Spectrophotometer	0.25	≤ 0.5	≤ 0.5

Physical Apperance :

1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [2 Bottle], PE 1.0 L, PE 2.0 L, G 1.0 L]

Remark :

1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 3
2. /2 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
3. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University
4. Sampling By Mr. Parkpoom Buasawad (จ-003-ก-7280)

SUPPLEMENT TO TEST REPORT NO. 6502-0025



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By



(Miss Apiradee Chuen-arom)

26/02/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. W6505164

Report No. 6506-1862-1

TEST REPORT

Customer : MDX Public Co.,Ltd.**
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**
Sampling Source : Surface Water** Sample No. : W 65050666
Sample Name : จุฬารายน้ำทิ้ง** Sampling Date : 06/05/2022**
Sampling By : ETC** Sampling Time : 11:15 AM**
Sampling Method : Grab** Received Date : 07/05/2022
Tested Date : 07/05/2022 – 22/06/2022 Reported Date : 02/07/2022

Parameter	Unit	Method	Result	Standard ¹²	Standard ¹¹
Arsenic *	mg/l	Continuous, Hydride Generation / AAS Method (SM:3114B)	< 0.0020	≤ 0.01	≤ 0.01
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	4.3	≤ 4	≤ 2
Dissolved Oxygen *	mg/l	Membrane Electrode Method (SM:4500-O G)	3.7	≥ 2	≥ 4
Fecal Coliform Bacteria *	MPN : 100 ml	MPN Test Method (SM:9221E)	1,700	-	≤ 4000
Lead @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05	≤ 0.05
Mercury #	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.002	≤ 0.002

Physical Appearance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L (2 Bottle), PE 1.8 L, G 1.0 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 3
2. /2 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
3. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
4. Parameter Outside The Scope of The Registration of Department of Industrial Works
5. Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data
6. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (ว-003-ก-7279)*
7. ข ** = คุณหมอน้ำทิ้งจะต้องไม่สูงกว่าคุณหมอน้ำตามธรรมชาติ เกิน 3 องศาเซลเซียส

SUPPLEMENT TO TEST REPORT NO. 6506-1862



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Examined By
(Mr. Kawee Suthasub)

02/07/2022

COPY

Request No. W6505164

Report No. 6506-1862-1

TEST REPORT

Customer : MDX Public Co.,Ltd.**
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**
Sampling Source : Surface Water** Sample No. : W 65050666
Sample Name : จุฬารายน้ำทิ้ง** Sampling Date : 06/05/2022**
Sampling By : ETC** Sampling Time : 11:15 AM**
Sampling Method : Grab** Received Date : 07/05/2022
Tested Date : 07/05/2022 – 22/06/2022 Reported Date : 02/07/2022

Parameter	Unit	Method	Result	Standard ²	Standard ¹
Nitrate *	mg/l as NO ₃ ⁻	Cadmium Reduction Method (SM:4500 – NO3-B)	14.1	-	≤ 5
Nitrogen (Nitrate) *	mg/l as NO ₃ -N	Cadmium Reduction Method (SM:4500 – NO3-B)	3.19	≤ 5	≤ 5
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	-	-
pH (on site) *		Electrometric Method	7.3	5.0-9.0	5.0-9.0
Temperature *	°C	Laboratory and Field Method	30	† **	† **
Total Suspended Solids #	mg/l	Dried at 103-105 °C (SM:2540D)	11	-	-

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L (2 Bottle), PE 1.8 L, G 1.0 L]

- Remark :
1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 3
 2. /2 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
 3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
 4. Parameter Outside The Scope of The Registration of Department of Industrial Works
 5. Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data
 6. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (ว-003-ก-7279)*
 7. † ** = คุณภูมิของน้ำจะต้องไม่สูงกว่าคุณภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

SUPPLEMENT TO TEST REPORT NO. 6506-1862



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By

(Mr. Kawee Suthasub)

02/07/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY



Request No. W6505164

Report No. 6506-1862-1

TEST REPORT

Customer : MDX Public Co.,Ltd.
 Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110
 Sampling Source : Surface Water Sample No. : W 65050666
 Sample Name : จุฬารายน้ำทิ้ง Sampling Date : 06/05/2022
 Sampling By : ETC Sampling Time : 11:15 AM
 Sampling Method : Grab Received Date : 07/05/2022
 Tested Date : 07/05/2022 – 22/06/2022 Reported Date : 02/07/2022

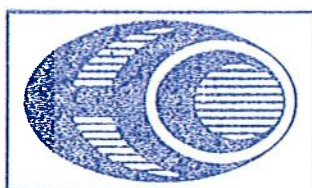
Parameter	Unit	Method	Result	Standard ²	Standard ¹
Ammonia Nitrogen #	mg/l	Spectrophotometer	0.31	≤ 0.5	≤ 0.5

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L (2 Bottle), PE 1.8 L, G 1.0 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 3
 2. /2 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
 3. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University
 4. Sampling By Mr. Songpon Phiwuan (3-003-ก-7279)

SUPPLEMENT TO TEST REPORT NO. 6506-1862



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By 

(Miss Apiradee Chuen-arom)

02/07/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
 THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
 WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

TEST REPORT

Customer : MDX Public Co.,Ltd.
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110
Sampling Source : Surface Water Sample No. : W 65011412
Sample Name : ฝายคลองวังด้วน Sampling Date : 17/01/2022
Sampling By : ETC Sampling Time : 9:10 AM
Sampling Method : Grab Received Date : 18/01/2022
Tested Date : 18/01/2022 – 28/01/2022 Reported Date : 26/02/2022

Parameter	Unit	Method	Result	Standard ²	Standard ¹¹
Arsenic *	mg/l	Continuous, Hydride Generation / Atomic Absorption Spectrometric	< 0.0020	≤ 0.01	≤ 0.01
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	< 2.0	≤ 4	≤ 2
Dissolved Oxygen *	mg/l	Membrane Electrode	2.8	≥ 2	≥ 4
Fecal Coliform Bacteria *	MPN : 100 ml	MPN Test	70	-	≤ 4000
Lead *	mg/l	Digestion, Inductively Coupled Plasma	< 0.010	≤ 0.05	≤ 0.05
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric	< 0.0010	≤ 0.002	≤ 0.002
Nitrate *	mg/l as NO ₃ ⁻	Cadmium Reduction	0.72	-	≤ 5

Physical Appearance : 1. Sample : yellow, turbid
2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 2.0 L*, G 1.0 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 3
2. /2 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
4. Parameter Outside The Scope of The Registration of Department of Industrial Works
5. Mr. Kawee Suthasub is Technical Management.
6. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)*
7. ข ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

SUPPLEMENT TO TEST REPORT NO. 6502-0024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By

(Mr. Kawee Suthasub)

26/02/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. W6501341

Report No. 6502-0024-1

TEST REPORT

Customer : MDX Public Co.,Ltd.
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110
Sampling Source : Surface Water Sample No. : W 65011412
Sample Name : ฝายคลองวังควน Sampling Date : 17/01/2022
Sampling By : ETC Sampling Time : 9:10 AM
Sampling Method : Grab Received Date : 18/01/2022
Tested Date : 18/01/2022 – 28/01/2022 Reported Date : 26/02/2022

Parameter	Unit	Method	Result	Standard ¹²	Standard ¹¹
Nitrogen (Nitrate) *	mg/l as NO ₃ -N	Cadmium Reduction	0.16	≤ 5	≤ 5
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	-	-
pH (on site) *		Electrometric	7.2	5.0-9.0	5.0-9.0
Temperature *	°C	Laboratory and Field	26	11 **	11 **
Total Suspended Solids *	mg/l	Dried at 103-105 °C : APHA 2017 (2540 D)	40	-	-

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 2.0 L*, G 1.0 L]

- Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 3
2. /2 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
4. Parameter Outside The Scope of The Registration of Department of Industrial Works
5. Mr. Kawee Suthasub is Technical Management.
6. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ก-7280)*
7. ๖ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

SUPPLEMENT TO TEST REPORT NO. 6502-0024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By

(Mr. Kawee Suthasub)

26/02/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. W6501341

Report No. 6502-0024-1

TEST REPORT

Customer : MDX Public Co.,Ltd.
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110
Sampling Source : Surface Water Sample No. : W 65011412
Sample Name : ฝายคลองวังคว้น Sampling Date : 17/01/2022
Sampling By : ETC Sampling Time : 9:10 AM
Sampling Method : Grab Received Date : 18/01/2022
Tested Date : 18/01/2022 – 28/01/2022 Reported Date : 26/02/2022

Parameter	Unit	Method	Result	Standard ¹²	Standard ¹¹
Ammonia Nitrogen #	mg/l	Spectrophotometer	0.28	≤ 0.5	≤ 0.5

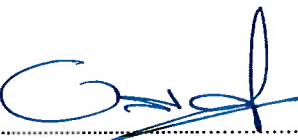
Physical Apperance : 1. Sample : yellow, turbid
2. Container : Normal [PE 0.5 L [2 Bottle], PE 1.0 L, PE 2.0 L, G 1.0 L]
Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 3
2. /2 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
3. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University
4. Sampling By Mr. Parkpoom Buasawad (๖-003-ก-7280)

SUPPLEMENT TO TEST REPORT NO. 6502-0024



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By



(Miss Apiradee Chuen-arom)

26/02/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. W6505164

Report No. 6506-1861-1

TEST REPORT

Customer : MDX Public Co.,Ltd.**
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**
Sampling Source : Surface Water ** Sample No. : W 65050665
Sample Name : ฝายคลองวังคั่น** Sampling Date : 06/05/2022**
Sampling By : ETC** Sampling Time : 11:35 AM**
Sampling Method : Grab** Received Date : 07/05/2022
Tested Date : 07/05/2022 – 22/06/2022 Reported Date : 02/07/2022

Parameter	Unit	Method	Result	Standard ¹²	Standard ¹¹
Arsenic *	mg/l	Continuous, Hydride Generation / AAS Method (SM:3114B)	< 0.0020	≤ 0.01	≤ 0.01
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	6.3	≤ 4	≤ 2
Dissolved Oxygen *	mg/l	Membrane Electrode Method (SM:4500-O G)	3.4	≥ 2	≥ 4
Fecal Coliform Bacteria *	MPN : 100 ml	MPN Test Method (SM:9221E)	790	-	≤ 4000
Lead @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05	≤ 0.05
Mercury #	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.002	≤ 0.002

Physical Apperance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L (2 Bottle), PE 1.8 L, G 1.0 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 3
2. /2 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
3. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
4. Parameter Outside The Scope of The Registration of Department of Industrial Works
5. Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data
6. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (ว-003-ก-7279)*
7. ๓ ** = คุณภาพของน้ำจะต้องไม่สูงกว่าคุณภาพตามธรรมชาติ เกิน 3 องค์ประกอบ

SUPPLEMENT TO TEST REPORT NO. 6506-1861



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Examined By

(Mr. Kawee Suthasub)

02/07/2022

COPY

Request No. W6505164

Report No. 6506-1861-I

TEST REPORT

Customer : MDX Public Co.,Ltd.**
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**
Sampling Source : Surface Water ** Sample No. : W 65050665
Sample Name : ฝายคลองวังควัน** Sampling Date : 06/05/2022**
Sampling By : ETC** Sampling Time : 11:35 AM**
Sampling Method : Grab** Received Date : 07/05/2022
Tested Date : 07/05/2022 – 22/06/2022 Reported Date : 02/07/2022

Parameter	Unit	Method	Result	Standard ¹²	Standard ¹¹
Nitrate *	mg/l as NO ₃ ⁻	Cadmium Reduction Method (SM:4500 – NO3-B)	7.28	-	≤ 5
Nitrogen (Nitrate) *	mg/l as NO ₃ -N	Cadmium Reduction Method (SM:4500 – NO3-B)	1.64	≤ 5	≤ 5
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	-	-
pH (on site) *		Electrometric Method	7.1	5.0-9.0	5.0-9.0
Temperature *	°C	Laboratory and Field Method	30	๓ **	๓ **
Total Suspended Solids #	mg/l	Dried at 103-105 °C (SM:2540D)	12	-	-

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L (2 Bottle), PE 1.8 L, G 1.0 L]

- Remark :
1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 3
 2. /2 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
 3. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
 4. Parameter Outside The Scope of The Registration of Department of Industrial Works
 5. Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data
 6. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (๖-003-ก-7279)*
 7. ๓ ** = คุณหมิงของน้ำจะต้องไม่สูงกว่าคุณหมิงตามธรรมชาติ เกิน 3 องศาเซลเซียส

SUPPLEMENT TO TEST REPORT NO. 6506-1861



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By

(Mr. Kawee Suthasub)

02/07/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. W6505164

Report No. 6506-1861-1

TEST REPORT

Customer : MDX Public Co.,Ltd.
 Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110
 Sampling Source : Surface Water Sample No. : W 65050665
 Sample Name : ฝายคลองวังควัน Sampling Date : 6/5/2022
 Sampling By : ETC Sampling Time : 11:35 AM
 Sampling Method : Grab Received Date : 07/05/2022
 Tested Date : 07/05/2022 – 22/06/2022 Reported Date : 02/07/2022

Parameter	Unit	Method	Result	Standard ²	Standard ¹
Ammonia Nitrogen #	mg/l	Spectrophotometer	0.24	≤ 0.5	≤ 0.5

Physical Appearance : 1. Sample : yellow, lightly SS
 2. Container : Normal [PE 0.5 L (3 Bottle), PE 1.0 L (2 Bottle), PE 1.8 L, G 1.0 L]
 Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 3
 2. /2 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
 3. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University
 4. Sampling By Mr. Songpon Phiwan (3-003-ค-7279)

SUPPLEMENT TO TEST REPORT NO. 6506-1861



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By

(Miss Apiradee Chuen-arom)

02/07/2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
 THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
 WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

TEST REPORT

Customer : MDX Public Co.,Ltd.
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110
Sampling Source : Ground Water Sample No. : W 65011405, W 65021551, W 65030721
Sample Name : บ้านเนินไร่ Sampling Date : 17/01/2022, 17/02/2022, 04/03/2022
Sampling By : ETC Sampling Time : 2:00 PM, 12:20 PM, 1:50 PM
Sampling Method : Grab Received Date : 18/01/2022, 18/02/2022, 05/03/2022
Tested Date : 18/01/2022 – 24/01/2022 Reported Date : 11/03/2022

Parameter	Unit	Method	Result	Standard ^{1/2}	Standard ^{1/1}
Arsenic * ³	mg/l	Continuous, Hydride Generation / Atomic Absorption Spectrometric	< 0.0020	None	< 0.01
Chloride *	mg/l as Cl ₂	Argentometric	9.1	≤ 250	-
Coliform Bacteria * ⁴	MPN:100 ml	MPN Test	ND	Less than 2.2	-
Copper *	mg/l	Digestion, Direct Air-Acetylene Flame	< 0.10	≤ 1	≤ 1
Iron *	mg/l	Digestion, Direct Air-Acetylene Flame	< 0.10	≤ 0.5	-
Lead *	mg/l	Digestion, Inductively Coupled Plasma	< 0.010	None	< 0.01
M-Alkalinity *	mg/l as CaCO ₃	Titration	71.40	-	-
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric	< 0.0010	None	< 0.01
pH (on site) *		Electrometric	6.3	7.0-8.5	-
Temperature *	°C	Laboratory and Field	30	-	-
Total Dissolved Solids #	mg/l	Dried at 180 °C : APHA 2017 (2540C)	172	≤ 600	-
Total Suspended Solids #	mg/l	Dried at 103-105 °C : APHA 2017 (2540D)	< 5	-	-
Turbidity *	NTU	Nephelometric	0.40	≤ 5	-

Physical Appearance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L* [2 Bottle], PE 1.0 L, PE 2.0 L*, G 0.25 L*]

- Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20, B.E. 2543 (2000)
2. /2 Drinking water form Deep Wells Quality Standards,
Notification of the Ministry of Natural Resources and Environment B.E. 2551 (2008)
3. /3 Sample No. W65021551 : Sampling Date 17/02/2022 (12:20 PM) : Tested Date 18/02/2022 – 25/02/2022
/4 Sample No. W65030721 : Sampling Date 04/03/2022 (1:50 PM) : Tested Date 05/03/2022 – 09/03/2022
4. # = ISO/IEC 17025:2017 Accredited by DSS, Standard Methods for the Examination of Water and Wastewater,
APHA, AWWA, WEF, 23rd Edition, 2017 / Mr. Kawee Suthasub is Technical Management.
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. MDL = Method Detection Limit [MDL of Coliform Bacteria = 1.8 MPN:100 ml] / ND = Not Detected
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (J-003-ก-7280)*



Examined By.....

(Mr. Kawee Suthasub)

11 / 03 / 2022

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. W6501338, W6502420

Report No. 6501-1920, 6502-1740

TEST REPORT

Customer : MDX Public Co.,Ltd.
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110
Sampling Source : Ground Water Sample No. : W 65011406, W65021552
Sample Name : Monitoring Well Sampling Date : 17/01/2022, 17/02/2022
Sampling By : ETC Sampling Time : 12:20 PM, 11:50 AM
Sampling Method : Grab Received Date : 18/01/2022, 18/02/2022
Tested Date : 18/01/2022 -24/01/2022 Reported Date : 03/03/2022

Parameter	Unit	Method	Result	Standard ^{/1}
Arsenic ²	mg/l	Continuous, Hydride Generation / Atomic Absorption Spectrometric	< 0.0020	≤ 0.01
Lead	mg/l	Digestion, Inductively Coupled Plasma	< 0.010	≤ 0.01
Mercury	mg/l	Cold-Vapor Atomic Absorption Spectrometric	< 0.0010	≤ 0.001
pH (on site)		Electrometric	6.8	-
Temperature	°C	Laboratory and Field	30	-

Physical Apperance : 1. Sample : brown, turbid
2. Container : Normal [PE 0.5 L [2 Bottle], PE 1.0 L, PE 2.0 L, G 0.25 L]

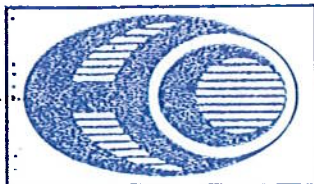
Remark : 1. /1 Ground Water Standard Notification of the National of Environment Board No. 20, B.E. 2543 (2000)
2. /2 Sample No. W65021552 : Sampling Date 17/02/2022 (11:50 AM) : Tested Date 18/02/2022-25/02/2022
3. Sampling By Miss Pornpinan Viriyakusolkul (ว-003-ก-8334)

Examined By.....

(Miss Apiradee Chuen-arom)

(ว-003-ก-4377)

03 / 03 / 2022



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

(ว-003-ก-2205)

03 / 03 / 2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Test Report

Request No : W6501338

Report No : 6501-1920

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : Ground Water

Sample No : W 65011406

Sample Name : Monitoring Well

Sampling Date : 17/01/2022

Sampling By : ETC

Sampling Time : 12:20 PM

Sampling Method : Grab

Received Date : 18/01/2022

Tested Date : 18/01/2022 - 24/01/2022

Reported Date : 27/01/2022

Parameter	Unit	Method	Result	Standard ¹
Chloride *	mg/l as Cl ₂	Argentometric	189	-
Copper *	mg/l	Digestion, Direct Air-Acetylene Flame	< 0.10	≤ 1
Iron *	mg/l	Digestion, Direct Air-Acetylene Flame	55.2	-
M-Alkalinity *	mg/l as CaCO ₃	Titration	587	-
Total Bacteria *	colonies/cm ³	Standard Plate Count	8,500	-
Total Dissolved Solids #	mg/l	Dried at 180 C : APHA 2017 (2540C)	1,000	-
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	123	-
Turbidity *	NTU	Nephelometric	631	-

Physical Appearance : 1. Sample : orange, turbid

2. Container : Normal [PE 0.5 L* [2 Bottle], PE 1.0 L, PE 2.0 L*, G 0.25 L*]

Remark : 1. /I Ground Water Standard Notification of the National Environment Board No. 20 , B.E. 2543 (2000)

2. # = ISO/IEC 17025:2017 Accredited by DSS, Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Parameter Outside The Scope of The Registration of Department of Industrial Works

4. Mr. Kawee Suthasub is Technical Management.

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (3-003-ท-7280)*



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

27/01/2022



Test Report

Request No : W6503159

Report No : 6503-1183

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongteey, Bangkok 10110

Sampling Source : ตะกอนดิน

Sample No : W 65030722

Sample Name : ฝายหนองมะฆาม

Sampling Date : 04/03/2022

Sampling By : ETC

Sampling Time : 2:10 PM

Sampling Method : Grab

Received Date : 05/03/2022

Tested Date : 11/03/2022 - 14/03/2022

Reported Date : 22/03/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤ 10
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	< 2.00	-
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	5.69	≤ 36
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	2.48	≤ 27.5

Physical Apperance : 1. Sample : brown-green. soil

2. Container : Bag

Remark : 1./1 ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์น้ำดิน

2. Sampling By Mr. Parkpoom Buasawad (๖-003-ก-๖๒๘๐)

Examined By :

(Miss Apiradee Chuen-arom)

(๖-003-ก-4377)

22/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(๖-003-ก-2205)

22/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY



Test Report

Request No : W6503159

Report No : 6503-1184

Customer : MDX Public Co.,Ltd.

Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110

Sampling Source : ตะกอนดิน

Sample No : W 65030723

Sample Name : ฝายคลองวังคว้น

Sampling Date : 04/03/2022

Sampling By : ETC

Sampling Time : 2:00 PM

Sampling Method : Grab

Received Date : 05/03/2022

Tested Date : 11/03/2022 - 14/03/2022

Reported Date : 22/03/2022

Parameter	Unit	Method	Result	Standard ¹
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	< 5.00	≤10
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	< 2.00	-
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	16.9	≤36
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	7.42	≤27.5

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. / ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์น้ำในดิน

2. Sampling By Mr. Parkpoom Buasawad (T-003-ก-7280)

Examined By :

(Miss Apiradee Chuen-arom)

(T-003-ก-4377)

22/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(T-003-ก-2205)

22/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY