

ภาคผนวกที่ 1

ผลการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม

Request No. LA66-0108

Report No. 6601-0195

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 : 19/01/2023

SAMPLE NO. : 00065-00066

RECEIVED DATE : 20/01/2023

SAMPLING TIME : 09:20-10:00

TESTED DATE : 20-27/01/2023

REPORTED DATE : 31/01/2023

STACK DESCRIPTION

Height:	21.00	m	Type Of Process :	Combustion
Diameter:	0.70	m	Type Of Fuel :	LPG
Temperature:	184.00	°C	Operation Capacity :	400-500 Kg/hr.
Air Velocity:	7.60	m/s	Oxygen Content :	14.31 %
Flow rate ² :	1.84	m ³ /s	Barometric Pressure :	759.25 mmHg
Moisture Content:	3.71	%	Atmospheric Temperature :	31.00 °C

PARAMETER*	TEST METHOD	TIME	RESULT ²		STD ¹	UNIT
			14.31 % O ₂	7 % O ₂		
Particulate (TSP)	Isokinetic, Gravimetric	09:20-10:00	6.5	13.7	400	mg/m ³
Sulfur Dioxide (SO ₂)	Absorption, Barium Thorin Titrimetric	09:20-09:50	<3.4	<3.4 ³	78.5	mg/m ³
			<1.3	<1.3 ³	30	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 (จ-003-จ-8333)

Examined By.....

(MISS APIRADEE CHUEN-AROM)

(จ-003-ค-4377)

31/01/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MR. THONGCHAI BOONSAK)

(จ-003-ค-5618)

31/01/2023

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Request No. ATR6601022

Report No. 6601-0147 - 6601-0149

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 : 26/01/2023 SAMPLE NO. : A66010147 - A66010149
 TESTED DATE : 26/01/2023-28/01/2023 REPORTED DATE : 31/01/2023

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD ^{/1}	UNIT
Total Suspended Particulate (TSP)	Gravimetric Method	18-19/01/2023	0.058	0.33	mg/m ³
		19-20/01/2023	0.059	0.33	mg/m ³
		20-21/01/2023	0.056	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. Tummarat Photankhum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Miss Thanatporn Klinsonon)

31/01/2023

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Request No. ATR6601022

Report No. 6601-0153 - 6601-0155

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 : 26/01/2023 SAMPLE NO. : A66010153 - A66010155
 TESTED DATE : 26/01/2023-28/01/2023 REPORTED DATE : 31/01/2023

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD ^{/1}	UNIT
Total Suspended Particulate (TSP)	Gravimetric Method	18-19/01/2023	0.054	0.33	mg/m ³
		19-20/01/2023	0.054	0.33	mg/m ³
		20-21/01/2023	0.014	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. Tummarat Photankhum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Miss Thanatporn Klinsoon)

31/01/2023

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Request No. ATR6601022

Report No. 6601-0156 - 6601-0158

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 : 26/01/2023 SAMPLE NO. : A66010156 - A66010158
 TESTED DATE : 26/01/2023-28/01/2023 REPORTED DATE : 31/01/2023

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD ^{1/}	UNIT
Total Suspended Particulate (TSP)	Gravimetric Method	18-19/01/2023	0.053	0.33	mg/m ³
		19-20/01/2023	0.055	0.33	mg/m ³
		20-21/01/2023	0.056	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. Tummarat Photankhum)



บริษัท อีสเทิร์นไทยคอนซัลต์ติ้ง 1992 จำกัด

Approved By 

(Miss Thanatporn Klinsoon)

31/01/2023

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Request No. ATR6601022

Report No. 6601-0150 - 6601-0152

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 : 26/01/2023 SAMPLE NO. : A66010150 - A66010152
TESTED DATE : 26/01/2023-28/01/2023 REPORTED DATE : 31/01/2023

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD ^{/1}	UNIT
Total Suspended Particulate (TSP)	Gravimetric Method	18-19/01/2023	0.056	0.33	mg/m ³
		19-20/01/2023	0.054	0.33	mg/m ³
		20-21/01/2023	0.049	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. Tummarat Photankhum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Miss Thanatporn Klinsoon)

31/01/2023

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Request No. LA66-R0119

Report No. R6601-0549 - R6601-0551

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 1607

SAMPLE NO. : 00558-00560
SAMPLING DATE : 18-21/01/2023
RECEIVED DATE : 21/01/2023
REPORTED DATE : 26/01/2023

TIME / DATE	18-19/01/2023	19-20/01/2023	20-21/01/2023	UNIT
09:00 - 10:00 ^{1/3}	0.004	0.017	0.005	ppm
10:00 - 11:00	0.004	0.008	0.005	ppm
11:00 - 12:00	0.005	0.007	0.005	ppm
12:00 - 13:00	0.007	0.006	0.005	ppm
13:00 - 14:00	0.002	0.006	0.005	ppm
14:00 - 15:00	0.003	0.006	0.005	ppm
15:00 - 16:00	0.004	0.006	0.005	ppm
16:00 - 17:00	0.005	0.006	0.006	ppm
17:00 - 18:00	0.005	0.006	0.006	ppm
18:00 - 19:00	0.005	0.005	0.005	ppm
19:00 - 20:00	0.005	0.006	0.005	ppm
20:00 - 21:00	0.005	0.005	0.005	ppm
21:00 - 22:00	0.005	0.005	0.005	ppm
22:00 - 23:00	0.005	0.005	0.005	ppm
23:00 - 00:00	0.005	0.005	0.005	ppm
00:00 - 01:00	0.005	0.005	0.005	ppm
01:00 - 02:00	0.005	0.005	0.005	ppm
02:00 - 03:00	0.005	0.005	0.005	ppm
03:00 - 04:00	0.005	0.005	0.005	ppm
04:00 - 05:00	0.005	0.005	0.006	ppm
05:00 - 06:00	0.006	0.005	0.005	ppm
06:00 - 07:00	0.010	0.006	0.005	ppm
07:00 - 08:00	0.020	0.005	0.005	ppm
08:00 - 09:00	0.029	0.005	0.005	ppm
Maximum 1 hr.	0.029	0.017	0.006	ppm
Average 24 hr.	0.007	0.006	0.005	ppm
Standard (1 hr.) ^{1/1}	0.30	0.30	0.30	ppm
Standard (Average 24 hr.) ^{1/2}	0.12	0.12	0.12	ppm

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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

26/01/2023

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Request No. LA66-R0119

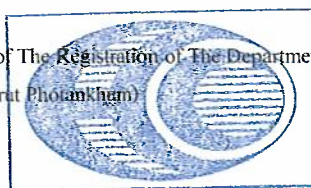
Report No. R6601-0561 - R6601-0563

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 : API Model M100E S/N 640

SAMPLE NO. : 00570-00572
 SAMPLING DATE : 18-21/01/2023
 RECEIVED DATE : 21/01/2023
 REPORTED DATE : 26/01/2023

TIME / DATE	18-19/01/2023	19-20/01/2023	20-21/01/2023	UNIT
11:00 - 12:00 ^{1/3}	0.004	0.005	0.004	ppm
12:00 - 13:00	0.004	0.005	0.004	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	0.004	0.007	0.004	ppm
19:00 - 20:00	0.004	0.004	0.004	ppm
20:00 - 21:00	0.004	0.004	0.004	ppm
21:00 - 22:00	0.004	0.004	0.004	ppm
22:00 - 23:00	0.005	0.004	0.004	ppm
23:00 - 00:00	0.004	0.004	0.004	ppm
00:00 - 01:00	0.004	0.004	0.004	ppm
01:00 - 02:00	0.004	0.006	0.005	ppm
02:00 - 03:00	0.004	0.006	0.004	ppm
03:00 - 04:00	0.004	0.006	0.005	ppm
04:00 - 05:00	0.004	0.005	0.005	ppm
05:00 - 06:00	0.004	0.005	0.006	ppm
06:00 - 07:00	0.005	0.006	0.005	ppm
07:00 - 08:00	0.006	0.005	0.005	ppm
08:00 - 09:00	0.008	0.004	0.006	ppm
09:00 - 10:00	0.008	0.006	0.005	ppm
10:00 - 11:00	0.004	0.005	0.004	ppm
Maximum 1 hr.	0.008	0.007	0.006	ppm
Average 24 hr.	0.004	0.005	0.004	ppm
Standard (1 hr.) ^{1/1}	0.30	0.30	0.30	ppm
Standard (Average 24 hr.) ^{1/2}	0.12	0.12	0.12	ppm

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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

26/01/2023

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Request No. LA66-R0119

Report No. R6601-0567 - R6601-0569

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* : Sulfur Dioxide
 DETERMINATION METHOD : UV-Fluorescence
 INSTRUMENT : API Model M100E S/N 603

SAMPLE NO. : 00576-00578
 SAMPLING DATE : 18-21/01/2023
 RECEIVED DATE : 21/01/2023
 REPORTED DATE : 26/01/2023

TIME / DATE	18-19/01/2023	19-20/01/2023	20-21/01/2023	UNIT
12:00 - 13:00 ^{/3}	0.018	0.009	0.013	ppm
13:00 - 14:00	0.020	0.015	0.019	ppm
14:00 - 15:00	0.017	0.015	0.019	ppm
15:00 - 16:00	0.015	0.015	0.019	ppm
16:00 - 17:00	0.015	0.015	0.019	ppm
17:00 - 18:00	0.015	0.015	0.019	ppm
18:00 - 19:00	0.014	0.015	0.019	ppm
19:00 - 20:00	0.013	0.008	0.016	ppm
20:00 - 21:00	0.013	0.005	0.015	ppm
21:00 - 22:00	0.012	0.007	0.016	ppm
22:00 - 23:00	0.018	0.013	0.014	ppm
23:00 - 00:00	0.003	0.017	0.017	ppm
00:00 - 01:00	0.015	0.018	0.019	ppm
01:00 - 02:00	0.015	0.019	0.019	ppm
02:00 - 03:00	0.006	0.019	0.019	ppm
03:00 - 04:00	0.016	0.019	0.019	ppm
04:00 - 05:00	0.018	0.019	0.019	ppm
05:00 - 06:00	0.018	0.019	0.020	ppm
06:00 - 07:00	0.018	0.019	0.021	ppm
07:00 - 08:00	0.018	0.019	0.021	ppm
08:00 - 09:00	0.018	0.019	0.021	ppm
09:00 - 10:00	0.018	0.018	0.020	ppm
10:00 - 11:00	0.018	0.018	0.020	ppm
11:00 - 12:00	0.017	0.019	0.019	ppm
Maximum 1 hr.	0.020	0.019	0.021	ppm
Average 24 hr.	0.015	0.016	0.018	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 Phorankhum)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By: 

(MS. THANATPORN KLINSOPON)

26/01/2023

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Request No. LA66-R0119

Report No. R6601-0555 - R6601-0557

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 3220

SAMPLE NO. : 00564-00566
SAMPLING DATE : 18-21/01/2023
RECEIVED DATE : 21/01/2023
REPORTED DATE : 26/01/2023

TIME / DATE	18-19/01/2023	19-20/01/2023	20-21/01/2023	UNIT
10:00 - 11:00 ³	0.003	0.003	0.002	ppm
11:00 - 12:00	0.003	0.002	0.002	ppm
12:00 - 13:00	0.004	0.003	0.002	ppm
13:00 - 14:00	0.003	0.002	0.002	ppm
14:00 - 15:00	0.003	0.002	0.002	ppm
15:00 - 16:00	0.002	0.002	0.002	ppm
16:00 - 17:00	0.002	0.002	0.002	ppm
17:00 - 18:00	0.002	0.002	0.002	ppm
18:00 - 19:00	0.002	0.002	0.002	ppm
19:00 - 20:00	0.002	0.002	0.002	ppm
20:00 - 21:00	0.002	0.002	0.002	ppm
21:00 - 22:00	0.001	0.002	0.002	ppm
22:00 - 23:00	0.002	0.002	0.002	ppm
23:00 - 00:00	0.001	0.002	0.002	ppm
00:00 - 01:00	0.002	0.001	0.002	ppm
01:00 - 02:00	0.001	0.002	0.002	ppm
02:00 - 03:00	0.001	0.002	0.001	ppm
03:00 - 04:00	0.001	0.002	0.001	ppm
04:00 - 05:00	0.001	0.002	0.001	ppm
05:00 - 06:00	0.001	0.002	0.002	ppm
06:00 - 07:00	0.001	0.002	0.001	ppm
07:00 - 08:00	0.002	0.002	0.002	ppm
08:00 - 09:00	0.002	0.002	0.002	ppm
09:00 - 10:00	0.003	0.002	0.002	ppm
Maximum 1 hr.	0.004	0.003	0.002	ppm
Average 24 hr.	0.002	0.002	0.002	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 Photankijum)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

26/01/2023

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Request No. LA66-R0119

Report No. R6601-0552 - R6601-0554

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 : API Model T200 S/N 7875

SAMPLE NO. : 00561-00563
SAMPLING DATE : 18-21/01/2023
RECEIVED DATE : 21/01/2023
REPORTED DATE : 26/01/2023

TIME / DATE	18-19/01/2023	19-20/01/2023	20-21/01/2023	UNIT
09:00 - 10:00 ²	0.006	0.007	0.007	ppm
10:00 - 11:00	0.008	0.005	0.006	ppm
11:00 - 12:00	0.005	0.004	0.005	ppm
12:00 - 13:00	0.004	0.004	0.004	ppm
13:00 - 14:00	0.004	0.004	0.004	ppm
14:00 - 15:00	0.004	0.003	0.004	ppm
15:00 - 16:00	0.004	0.004	0.004	ppm
16:00 - 17:00	0.004	0.003	0.003	ppm
17:00 - 18:00	0.005	0.004	0.004	ppm
18:00 - 19:00	0.008	0.007	0.009	ppm
19:00 - 20:00	0.013	0.015	0.021	ppm
20:00 - 21:00	0.009	0.015	0.025	ppm
21:00 - 22:00	0.009	0.015	0.012	ppm
22:00 - 23:00	0.009	0.013	0.010	ppm
23:00 - 00:00	0.012	0.011	0.010	ppm
00:00 - 01:00	0.010	0.016	0.013	ppm
01:00 - 02:00	0.009	0.016	0.011	ppm
02:00 - 03:00	0.006	0.015	0.009	ppm
03:00 - 04:00	0.007	0.016	0.009	ppm
04:00 - 05:00	0.007	0.015	0.013	ppm
05:00 - 06:00	0.010	0.016	0.014	ppm
06:00 - 07:00	0.009	0.028	0.009	ppm
07:00 - 08:00	0.010	0.021	0.009	ppm
08:00 - 09:00	0.010	0.011	0.010	ppm
Maximum 1 hr.	0.013	0.028	0.025	ppm
Average 24 hr.	0.007	0.011	0.009	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 Photankhum)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

26/01/2023

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Request No. LA66-R0119

Report No. R6601-0564 - R6601-0566

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 : API Model T200 S/N 6757

SAMPLE NO. : 00573-00575
 SAMPLING DATE : 18-21/01/2023
 RECEIVED DATE : 21/01/2023
 REPORTED DATE : 26/01/2023

TIME / DATE	18-19/01/2023	19-20/01/2023	20-21/01/2023	UNIT
11:00 - 12:00 ²	0.004	0.003	0.003	ppm
12:00 - 13:00	0.004	0.003	0.003	ppm
13:00 - 14:00	0.003	0.003	0.003	ppm
14:00 - 15:00	0.003	0.002	0.003	ppm
15:00 - 16:00	0.003	0.002	0.003	ppm
16:00 - 17:00	0.003	0.002	0.003	ppm
17:00 - 18:00	0.004	0.003	0.004	ppm
18:00 - 19:00	0.008	0.007	0.009	ppm
19:00 - 20:00	0.011	0.010	0.012	ppm
20:00 - 21:00	0.008	0.011	0.015	ppm
21:00 - 22:00	0.007	0.008	0.008	ppm
22:00 - 23:00	0.006	0.010	0.006	ppm
23:00 - 00:00	0.006	0.010	0.007	ppm
00:00 - 01:00	0.006	0.007	0.007	ppm
01:00 - 02:00	0.005	0.008	0.005	ppm
02:00 - 03:00	0.005	0.008	0.006	ppm
03:00 - 04:00	0.006	0.008	0.005	ppm
04:00 - 05:00	0.006	0.008	0.008	ppm
05:00 - 06:00	0.007	0.007	0.007	ppm
06:00 - 07:00	0.006	0.011	0.006	ppm
07:00 - 08:00	0.007	0.010	0.009	ppm
08:00 - 09:00	0.007	0.011	0.013	ppm
09:00 - 10:00	0.006	0.007	0.007	ppm
10:00 - 11:00	0.004	0.004	0.006	ppm
Maximum 1 hr.	0.011	0.011	0.015	ppm
Average 24 hr.	0.006	0.007	0.007	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 Photankhum)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

26/01/2023

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Request No. LA66-R0119

Report No. R6601-0570 - R6601-0572

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* : Nitrogen Dioxide
DETERMINATION METHOD : Chemiluminescence
INSTRUMENT : API Model T200 S/N 7355

SAMPLE NO. : 00579-00581
SAMPLING DATE : 18-21/01/2023
RECEIVED DATE : 21/01/2023
REPORTED DATE : 26/01/2023

TIME / DATE	18-19/01/2023	19-20/01/2023	20-21/01/2023	UNIT
12:00 - 13:00 ²	0.008	0.005	0.005	ppm
13:00 - 14:00	0.008	0.005	0.005	ppm
14:00 - 15:00	0.008	0.004	0.005	ppm
15:00 - 16:00	0.007	0.005	0.005	ppm
16:00 - 17:00	0.006	0.005	0.005	ppm
17:00 - 18:00	0.006	0.005	0.005	ppm
18:00 - 19:00	0.006	0.005	0.005	ppm
19:00 - 20:00	0.006	0.005	0.006	ppm
20:00 - 21:00	0.007	0.006	0.005	ppm
21:00 - 22:00	0.007	0.007	0.006	ppm
22:00 - 23:00	0.007	0.007	0.006	ppm
23:00 - 00:00	0.006	0.007	0.006	ppm
00:00 - 01:00	0.006	0.007	0.006	ppm
01:00 - 02:00	0.006	0.007	0.006	ppm
02:00 - 03:00	0.006	0.007	0.006	ppm
03:00 - 04:00	0.006	0.007	0.007	ppm
04:00 - 05:00	0.006	0.006	0.006	ppm
05:00 - 06:00	0.005	0.006	0.006	ppm
06:00 - 07:00	0.006	0.006	0.006	ppm
07:00 - 08:00	0.006	0.006	0.006	ppm
08:00 - 09:00	0.006	0.006	0.007	ppm
09:00 - 10:00	0.005	0.006	0.005	ppm
10:00 - 11:00	0.005	0.005	0.005	ppm
11:00 - 12:00	0.005	0.005	0.033	ppm
Maximum 1 hr.	0.008	0.007	0.033	ppm
Average 24 hr.	0.006	0.006	0.007	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 Photankhum)

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

26/01/2023

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Request No. LA66-R0119

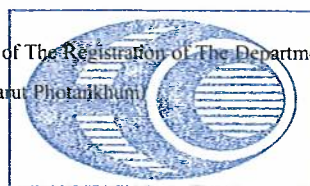
Report No. R6601-0558 - R6601-0560

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 7866

SAMPLE NO. : 00567-00569
SAMPLING DATE : 18-21/01/2023
RECEIVED DATE : 21/01/2023
REPORTED DATE : 26/01/2023

TIME / DATE	18-19/01/2023	19-20/01/2023	20-21/01/2023	UNIT
10:00 - 11:00 ²	0.002	0.002	0.002	ppm
11:00 - 12:00	0.003	0.002	0.002	ppm
12:00 - 13:00	0.003	0.001	0.001	ppm
13:00 - 14:00	0.002	0.001	0.002	ppm
14:00 - 15:00	0.002	0.001	0.001	ppm
15:00 - 16:00	0.002	0.001	0.001	ppm
16:00 - 17:00	0.002	0.001	0.001	ppm
17:00 - 18:00	0.002	0.001	0.002	ppm
18:00 - 19:00	0.003	0.001	0.003	ppm
19:00 - 20:00	0.005	0.002	0.003	ppm
20:00 - 21:00	0.003	0.003	0.007	ppm
21:00 - 22:00	0.004	0.003	0.006	ppm
22:00 - 23:00	0.004	0.004	0.004	ppm
23:00 - 00:00	0.004	0.005	0.004	ppm
00:00 - 01:00	0.004	0.006	0.005	ppm
01:00 - 02:00	0.004	0.006	0.006	ppm
02:00 - 03:00	0.004	0.005	0.005	ppm
03:00 - 04:00	0.004	0.007	0.004	ppm
04:00 - 05:00	0.004	0.007	0.004	ppm
05:00 - 06:00	0.004	0.006	0.005	ppm
06:00 - 07:00	0.003	0.005	0.004	ppm
07:00 - 08:00	0.004	0.005	0.006	ppm
08:00 - 09:00	0.003	0.005	0.006	ppm
09:00 - 10:00	0.003	0.004	0.004	ppm
Maximum 1 hr.	0.005	0.007	0.007	ppm
Average 24 hr.	0.003	0.003	0.004	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 Photakkhun)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

26/01/2023

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Wind Speed & Wind Direction

Request No. LA66-R0119

MDX Public Co., Ltd.

Sample No. 00591

Sampling Source : บ้านไผ่ล้อม

Sampling Date : January 18-21, 2023

Time	January 18-19, 2023		January 19-20, 2023		January 20-21, 2023	
	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction
09:00-10:00	0.9	ENE	2.2	E	2.7	E
10:00-11:00	1.3	ENE	3.1	E	3.1	E
11:00-12:00	3.6	E	3.1	ENE	3.1	ENE
12:00-13:00	2.7	E	3.1	ENE	2.7	ENE
13:00-14:00	3.1	ENE	3.1	ENE	2.7	ENE
14:00-15:00	2.7	E	2.7	ENE	2.7	ENE
15:00-16:00	2.7	NE	2.7	ENE	2.7	NE
16:00-17:00	2.2	NE	2.7	NE	2.7	NE
17:00-18:00	2.2	ENE	2.2	ENE	1.8	ENE
18:00-19:00	2.2	ENE	1.8	E	1.3	ENE
19:00-20:00	1.3	ENE	1.3	ENE	0.9	NE
20:00-21:00	2.2	ENE	1.8	ENE	0.9	NE
21:00-22:00	2.2	ENE	1.3	ENE	1.8	ENE
22:00-23:00	2.2	ENE	1.8	NE	2.2	NE
23:00-00:00	1.3	ENE	1.3	NE	2.2	NE
00:00-01:00	0.4	ENE	0.9	NE	1.8	NE
01:00-02:00	0.4	NE	0.0	-	2.2	NE
02:00-03:00	1.8	ENE	0.0	-	1.8	NE
03:00-04:00	1.8	E	0.0	-	1.8	NE
04:00-05:00	1.3	E	0.0	-	1.3	NE
05:00-06:00	1.3	E	0.0	-	0.4	NE
06:00-07:00	1.3	E	0.0	-	1.3	ENE
07:00-08:00	1.3	ESE	0.4	ENE	1.8	ENE
08:00-09:00	1.8	E	2.2	ENE	1.8	ENE

Wind Speed & Wind Direction

Request No. LA66-R0119

MDX Public Co., Ltd.

Sample No. 00589

Sampling Source : บ้านเนินไร่

Sampling Date : January 18-21, 2023

Time	January 18-19, 2023		January 19-20, 2023		January 20-21, 2023	
	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction
11:00-12:00	4.5	ENE	4.0	ESE	2.7	S
12:00-13:00	3.1	ENE	4.5	ESE	3.6	SSE
13:00-14:00	5.4	ENE	4.5	ESE	4.0	S
14:00-15:00	3.1	E	3.1	SE	4.5	S
15:00-16:00	3.6	E	4.5	SE	3.6	S
16:00-17:00	2.7	E	3.6	SSW	3.1	S
17:00-18:00	3.1	SSE	2.2	SSW	1.3	SW
18:00-19:00	1.3	SE	0.4	SSW	0.4	SW
19:00-20:00	1.8	SE	0.9	SE	0.9	SSW
20:00-21:00	2.2	SE	0.9	SE	0.9	SSW
21:00-22:00	2.2	SE	0.9	SE	0.9	SSW
22:00-23:00	1.8	SE	0.4	SE	0.4	SSW
23:00-00:00	1.8	SE	0.0	-	0.4	SSW
00:00-01:00	1.3	SE	0.0	-	0.9	S
01:00-02:00	1.3	SSE	0.0	-	0.9	S
02:00-03:00	1.3	SE	0.0	-	0.4	S
03:00-04:00	1.8	SSE	0.0	-	0.0	-
04:00-05:00	1.3	SSE	0.0	-	0.0	-
05:00-06:00	1.3	SSE	0.0	-	0.0	-
06:00-07:00	1.8	SSE	0.0	-	0.0	-
07:00-08:00	2.2	SSE	0.4	SSW	0.4	SW
08:00-09:00	2.7	SSE	0.9	SSW	0.9	SSW
09:00-10:00	3.6	SSE	1.8	SSW	1.3	SSW
10:00-11:00	4.0	E	2.2	S	0.9	SSW

Wind Speed & Wind Direction

Request No. LA66-R0119

MDX Public Co., Ltd.

Sample No. 00588

Sampling Source : บ้านแปลงยาวบน

Sampling Date : January 18-21, 2023

Time	January 18-19, 2023		January 19-20, 2023		January 20-21, 2023	
	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction
12:00-13:00	4.0	E	3.6	SE	3.6	SSE
13:00-14:00	3.6	E	3.6	SE	4.0	SE
14:00-15:00	4.0	E	4.0	SE	4.0	SSE
15:00-16:00	2.7	ESE	3.6	SSE	3.6	SSE
16:00-17:00	3.1	ESE	4.0	SSE	3.6	SSE
17:00-18:00	3.1	ESE	3.1	S	2.7	SSE
18:00-19:00	2.7	SE	1.8	S	1.8	S
19:00-20:00	0.9	ESE	0.9	S	0.9	S
20:00-21:00	1.3	ESE	1.3	SSE	1.3	SSE
21:00-22:00	1.8	ESE	1.3	SSE	1.3	SSE
22:00-23:00	1.8	ESE	1.3	SSE	1.3	SSE
23:00-00:00	1.3	ESE	0.9	SSE	1.3	SSE
00:00-01:00	1.3	ESE	0.4	SSE	1.3	SSE
01:00-02:00	0.9	ESE	0.0	-	1.8	SE
02:00-03:00	0.9	SE	0.0	-	1.3	SE
03:00-04:00	0.9	ESE	0.0	-	1.3	SSE
04:00-05:00	1.3	SE	0.4	SSE	0.4	SSE
05:00-06:00	0.9	SE	0.4	SSE	0.0	-
06:00-07:00	0.9	SE	0.0	-	0.0	-
07:00-08:00	1.3	SE	0.4	S	0.0	-
08:00-09:00	1.3	SE	2.2	S	0.4	S
09:00-10:00	2.2	SE	2.7	S	1.8	SSE
10:00-11:00	3.1	SE	3.1	S	2.7	SSE
11:00-12:00	3.6	ESE	3.1	SSE	3.1	SSE

Wind Speed & Wind Direction

Request No. LA66-R0119

MDX Public Co., Ltd.

Sample No. 00590

Sampling Source : บ้านแปลงไม้แดง

Sampling Date : January 18-21, 2023

Time	January 18-19, 2023		January 19-20, 2023		January 20-21, 2023	
	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction
10:00-11:00	0.4	E	2.7	ESE	2.2	ESE
11:00-12:00	2.2	E	2.2	E	2.2	E
12:00-13:00	3.1	E	2.7	ESE	2.2	E
13:00-14:00	3.1	E	2.7	ESE	2.2	ESE
14:00-15:00	2.7	E	2.7	E	2.7	E
15:00-16:00	2.2	E	2.2	E	1.8	E
16:00-17:00	2.2	E	2.2	ESE	1.3	E
17:00-18:00	1.8	E	1.8	E	1.3	E
18:00-19:00	1.3	ESE	1.3	ESE	1.3	ESE
19:00-20:00	0.4	ESE	0.9	E	0.0	-
20:00-21:00	1.3	E	0.4	E	0.0	-
21:00-22:00	0.9	E	0.4	ENE	0.0	-
22:00-23:00	0.9	E	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	0.4	ESE	0.4	E	0.0	-
09:00-10:00	1.3	ESE	1.8	ESE	0.9	E

Wind Speed & Wind Direction

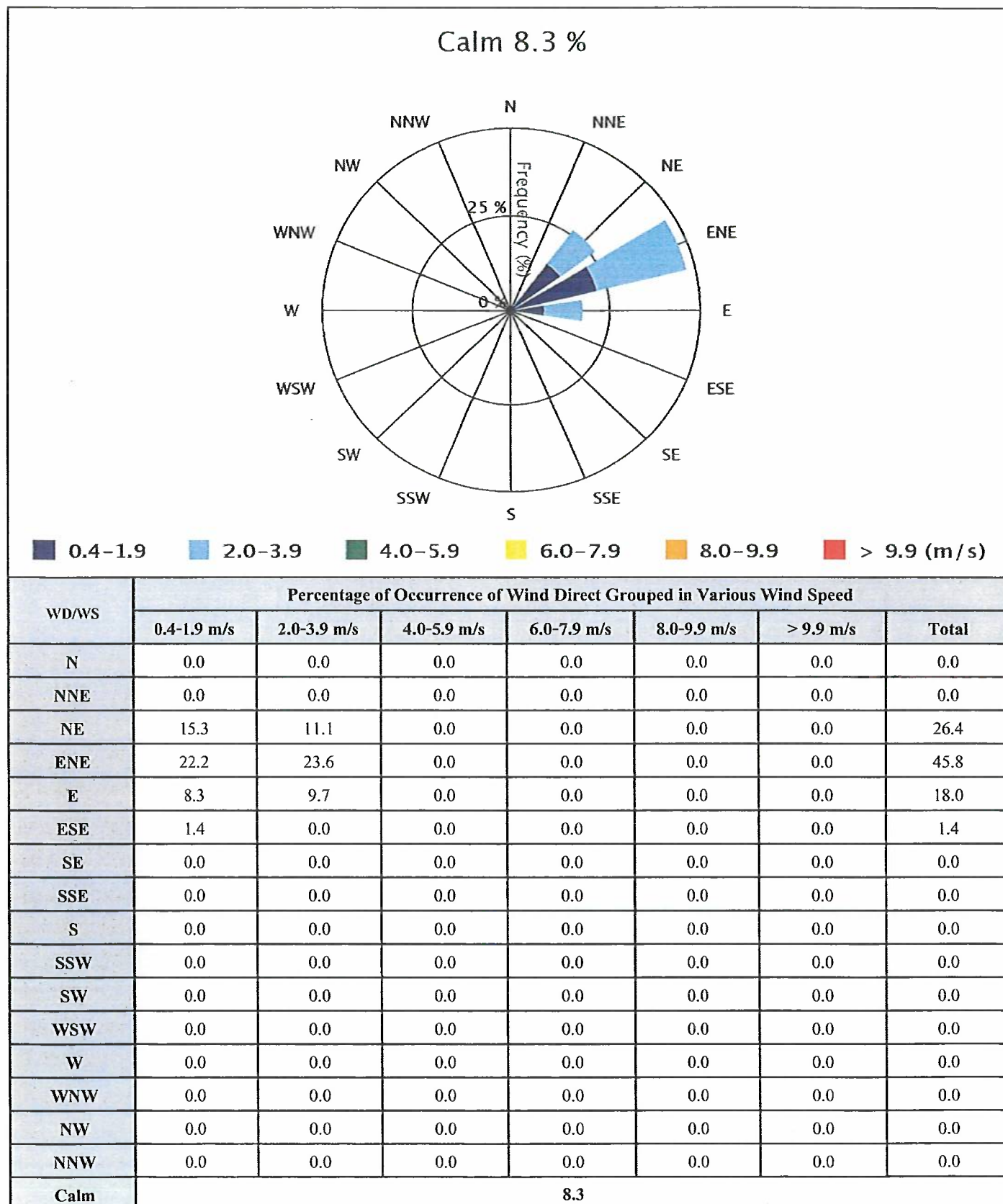
Request No. LA66-R0119

MDX Public Co., Ltd.

Sample No. 00591

Sampling Source : บ้านฝั๊อ

Sampling Date : January 18-21, 2023



COPY

Wind Speed & Wind Direction

Request No. LA66-R0119

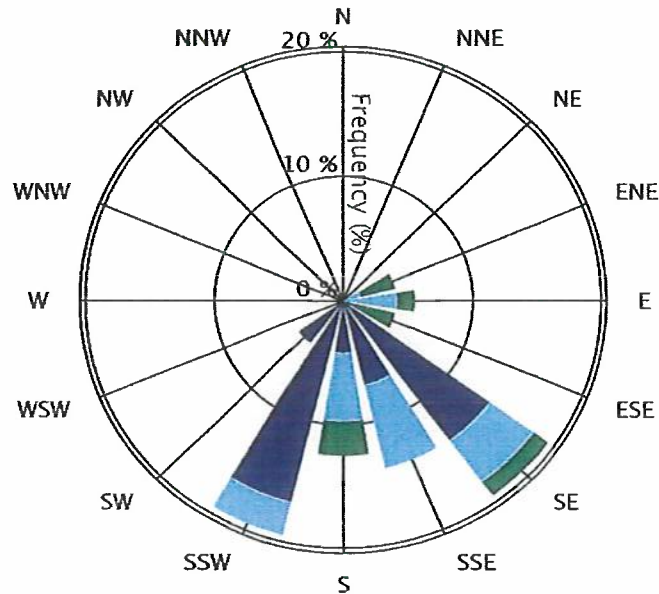
MDX Public Co., Ltd.

Sample No. 00589

Sampling Source : บ้านเนินไร่

Sampling Date : January 18-21, 2023

Calm 16.7 %



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	1.4	2.8	0.0	0.0	0.0	4.2
E	0.0	4.2	1.4	0.0	0.0	0.0	5.6
ESE	0.0	0.0	4.2	0.0	0.0	0.0	4.2
SE	13.9	4.2	1.4	0.0	0.0	0.0	19.5
SSE	6.9	6.9	0.0	0.0	0.0	0.0	13.8
S	4.2	5.6	2.8	0.0	0.0	0.0	12.6
SSW	16.7	2.8	0.0	0.0	0.0	0.0	19.5
SW	4.2	0.0	0.0	0.0	0.0	0.0	4.2
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	16.7						

Wind Speed & Wind Direction

Request No. LA66-R0119

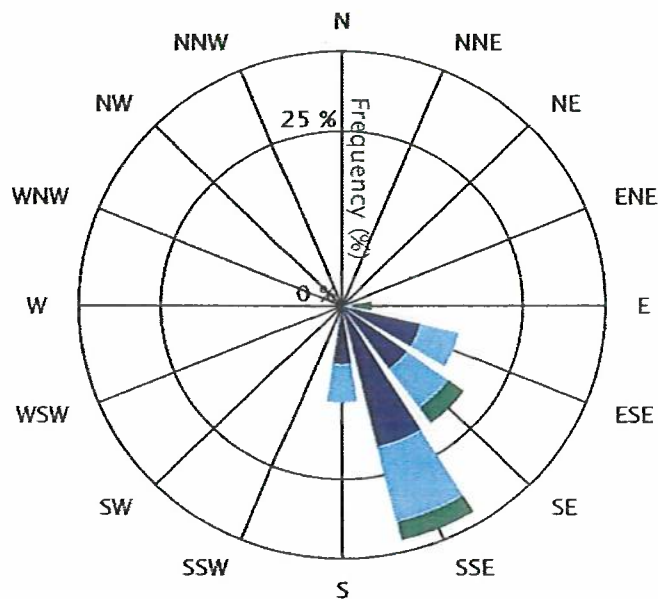
MDX Public Co., Ltd.

Sample No. 00588

Sampling Source : บ้านแปลงยาวบน

Sampling Date : January 18-21, 2023

Calm 9.7 %



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	1.4	2.8	0.0	0.0	0.0	4.2
ESE	11.1	5.6	0.0	0.0	0.0	0.0	16.7
SE	11.1	6.9	2.8	0.0	0.0	0.0	20.8
SSE	20.8	11.1	2.8	0.0	0.0	0.0	34.7
S	8.3	5.6	0.0	0.0	0.0	0.0	13.9
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	9.7						

COPY

Wind Speed & Wind Direction

Request No. LA66-R0119

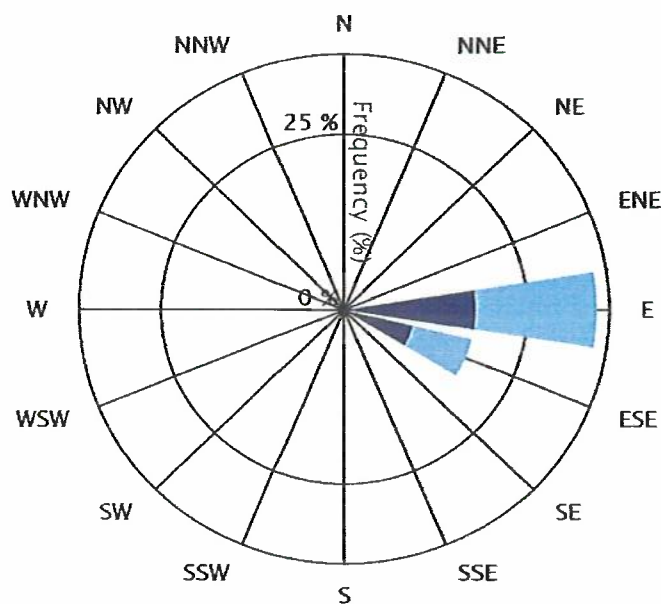
MDX Public Co., Ltd.

Sample No. 00590

Sampling Source : บ้านแปลงไม้แดง

Sampling Date : January 18-21, 2023

Calm 45.8 %



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	1.4	0.0	0.0	0.0	0.0	0.0	1.4
E	18.1	16.7	0.0	0.0	0.0	0.0	34.8
ESE	9.7	8.3	0.0	0.0	0.0	0.0	18.0
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	45.8						



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. LA66-R0119

Report No. R6601-0573 - R6601-0575

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_{dn}
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 01209917 : Type 2

SAMPLE NO. : 00582-00584
MEASURING DATE : 18-21/01/2023
RECEIVED DATE : 21/01/2023
REPORTED DATE : 26/01/2023

TIME \ DATE	18-19/01/2023 (L_{eq})	19-20/01/2023 (L_{eq})	20-21/01/2023 (L_{eq})	UNIT
10:45 - 11:45 ^{/3}	57.4	55.9	56.2	dB(A)
11:45 - 12:45	57.6	55.9	56.2	dB(A)
12:45 - 13:45	60.1	56.6	58.0	dB(A)
13:45 - 14:45	56.7	59.9	60.0	dB(A)
14:45 - 15:45	51.3	59.7	59.8	dB(A)
15:45 - 16:45	58.2	59.1	57.5	dB(A)
16:45 - 17:45	59.8	59.6	56.5	dB(A)
17:45 - 18:45	59.0	55.9	57.5	dB(A)
18:45 - 19:45	58.7	58.7	60.5	dB(A)
19:45 - 20:45	56.6	59.7	59.0	dB(A)
20:45 - 21:45	56.2	58.2	57.0	dB(A)
21:45 - 22:45	57.2	56.2	56.7	dB(A)
22:45 - 23:45	58.5	57.8	58.7	dB(A)
23:45 - 00:45	58.3	57.7	58.5	dB(A)
00:45 - 01:45	58.1	55.1	57.2	dB(A)
01:45 - 02:45	55.4	55.0	55.0	dB(A)
02:45 - 03:45	55.3	54.9	54.1	dB(A)
03:45 - 04:45	56.9	56.3	54.7	dB(A)
04:45 - 05:45	58.3	57.7	56.2	dB(A)
05:45 - 06:45	57.7	57.5	56.2	dB(A)
06:45 - 07:45	59.2	58.8	59.0	dB(A)
07:45 - 08:45	58.7	58.7	58.6	dB(A)
08:45 - 09:45	58.6	58.0	58.9	dB(A)
09:45 - 10:45	57.4	55.7	58.2	dB(A)
L_{eq} 24 hr.	57.8	57.7	57.8	dB(A)
L_{dn}	63.9	63.3	63.3	dB(A)
Standard	$70^{/1}, 70^{/2}$	$70^{/1}, 70^{/2}$	$70^{/1}, 70^{/2}$	dB(A)

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

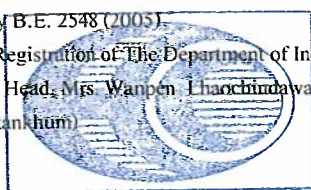
^{/1} Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

^{/2} 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 Klinsopon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)

(Measurement By Mr. Tummarut Photanahum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

^{/3} Start Time

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

26/01/2023

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 : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00209079 : Type 2

SAMPLE NO. : 00585-00587
MEASURING DATE : 18-21/01/2023
RECEIVED DATE : 21/01/2023
REPORTED DATE : 26/01/2023

TIME \ DATE	18-19/01/2023 (L_{eq})	19-20/01/2023 (L_{eq})	20-21/01/2023 (L_{eq})	UNIT
11:00 - 12:00 ^{/3}	58.7	54.6	52.2	dB(A)
12:00 - 13:00	58.5	54.4	51.6	dB(A)
13:00 - 14:00	51.7	56.2	55.1	dB(A)
14:00 - 15:00	50.8	56.4	54.9	dB(A)
15:00 - 16:00	50.5	56.9	55.0	dB(A)
16:00 - 17:00	50.5	58.4	54.5	dB(A)
17:00 - 18:00	55.4	60.4	53.2	dB(A)
18:00 - 19:00	57.2	58.8	55.0	dB(A)
19:00 - 20:00	56.2	57.0	55.6	dB(A)
20:00 - 21:00	56.6	57.9	56.2	dB(A)
21:00 - 22:00	56.4	56.8	55.3	dB(A)
22:00 - 23:00	55.9	57.7	55.7	dB(A)
23:00 - 00:00	57.2	54.1	56.8	dB(A)
00:00 - 01:00	53.9	53.3	56.4	dB(A)
01:00 - 02:00	54.0	53.4	54.7	dB(A)
02:00 - 03:00	53.5	53.3	54.5	dB(A)
03:00 - 04:00	52.6	53.1	54.2	dB(A)
04:00 - 05:00	52.2	53.0	53.4	dB(A)
05:00 - 06:00	52.4	53.0	53.3	dB(A)
06:00 - 07:00	52.2	52.7	55.8	dB(A)
07:00 - 08:00	52.5	53.1	56.0	dB(A)
08:00 - 09:00	54.5	52.6	54.7	dB(A)
09:00 - 10:00	54.7	52.6	54.5	dB(A)
10:00 - 11:00	54.9	52.8	54.5	dB(A)
L_{eq} 24 hr.	55.0	55.8	54.9	dB(A)
$L_{dn\#}$	60.7	60.9	61.5	dB(A)
Standard	$70^{/1}, 70^{/2}$	$70^{/1}, 70^{/2}$	$70^{/1}, 70^{/2}$	dB(A)

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

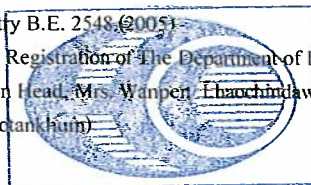
^{/1} Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

^{/2} 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 Photanachum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

26/01/2023

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 : W6601089

Report No : 6601-1575

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66010411

Sample Name : Influent**

Sampling Date : 06/01/2023**

Sampling By : ETC**

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

Sampling Method : Composit**

Received Date : 07/01/2023

Tested Date : 07/01/2023 - 21/01/2023

Reported Date : 25/01/2023

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)	28.8	≤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)	100	≤750
Copper @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.13	≤2
Lead @	mg/l	Digestion,Inductively Coupled Plasma (SM:3030F, 3120B)	< 0.03	≤0.2

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-ค-4377)
25/01/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ค-2205)
25/01/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6601089

Report No : 6601-1575

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66010411

Sample Name : Influent**

Sampling Date : 06/01/2023**

Sampling By : ETC**

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

Sampling Method : Composit**

Received Date : 07/01/2023

Tested Date : 07/01/2023 - 21/01/2023

Reported Date : 25/01/2023

Parameter	Unit	Method	Result	Standard ¹
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	7.5	5.5 - 9.0
Phenol *	mg/l	Distillation, Direct Photometric Method (SM:5530B,D)	0.086	≤1
Temperature *	°C	Laboratory and Field Method	30	≤45
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	35	≤200

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 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. Supharerk Phatklang (จ-003-จ-5637)*

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

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
25/01/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ก-2205)
25/01/2023

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Test Report

Request No : W6601089

Report No : 6601-1575

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66010411

Sample Name : Influent

Sampling Date : 06/01/2023

Sampling By : ETC

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

Sampling Method : Composit

Received Date : 07/01/2023

Tested Date : 07/01/2023 - 21/01/2023

Reported Date : 25/01/2023

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	4,884	-

Physical Apperance : 1. Sample : yellow, lightly SS

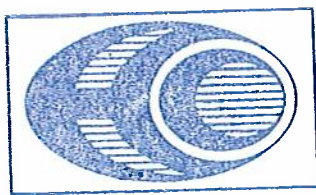
2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /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. Supharerk Phatklang (ว-003-0-5637)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : (Miss Apiradee Chuen-arom)
25/01/2023

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



Test Report

Request No : W6601096

Report No : 6601-1446

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66010432

Sample Name : Influent

Sampling Date : 06/01/2023

Sampling By : ETC

Sampling Time : 3:10 PM

Sampling Method : Grab

Received Date : 07/01/2023

Tested Date : 18/01/2023

Reported Date : 23/01/2023

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. /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. Supharerk Phatklang (ว-003-๓-5637)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

23/01/2023

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 : W6602082

Report No : 6602-1726

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66020458

Sample Name : Influent**

Sampling Date : 02/02/2023**

Sampling By : ETC**

Sampling Time : 8:45 AM - 2:45 PM**

Sampling Method : Composit**

Received Date : 03/02/2023

Tested Date : 03/02/2023 - 11/02/2023

Reported Date : 01/03/2023

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)	23.0	≤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)	100	≤750
Copper @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.06	≤2
Lead @	mg/l	Digestion, Inductively Coupled Plasma (SM:3030F, 3120B)	< 0.03	≤0.2

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L* [4 Bottle], PE 1.0 L, PE 1.8 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 (7-003-0-8334)*

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

Examined By :

(Miss Apiradee Chuen-arom)

(7-003-0-4377)

01/03/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(7-003-0-2205)

01/03/2023

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

Test Report

Request No : W6602082

Report No : 6602-1726

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66020458

Sample Name : Influent**

Sampling Date : 02/02/2023**

Sampling By : ETC**

Sampling Time : 8:45 AM - 2:45 PM**

Sampling Method : Composit**

Received Date : 03/02/2023

Tested Date : 03/02/2023 - 11/02/2023

Reported Date : 01/03/2023

Parameter	Unit	Method	Result	Standard ^{1/}
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)	0.047	≤ 1
Temperature *	°C	Laboratory and Field Method	33	≤ 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* [4 Bottle], PE 1.0 L, PE 1.8 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 / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Pornpinan Viriyakusolkul (7-003-0-8334)*

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

Examined By :

(Miss Apiradee Chuen-arom)

(7-003-0-4377)

01/03/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(7-003-0-2205)

01/03/2023

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

Test Report

Request No : W6602082

Report No : 6602-1726

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66020458

Sample Name : Influent

Sampling Date : 02/02/2023

Sampling By : ETC

Sampling Time : 8:45 AM - 2:45 PM

Sampling Method : Composit

Received Date : 03/02/2023

Tested Date : 03/02/2023 - 11/02/2023

Reported Date : 01/03/2023

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	4,142	-

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)

- 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 Miss Pornpinan Viriyakusolkul (7-003-0-8334)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

01/03/2023

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Test Report

Request No : W6602065

Report No : 6602-0574

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66020343

Sample Name : Influent

Sampling Date : 02/02/2023

Sampling By : ETC

Sampling Time : 2:45 PM

Sampling Method : Grab

Received Date : 03/02/2023

Tested Date : 08/02/2023

Reported Date : 10/02/2023

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

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [G 0.25 L [2 Bottle]]

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 (7-003-0-8334)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

10/02/2023

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Test Report

Request No : W6603122

Report No : 6603-1529

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66030674

Sample Name : Influent**

Sampling Date : 03/03/2023**

Sampling By : ETC**

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

Sampling Method : Composit**

Received Date : 04/03/2023

Tested Date : 07/03/2023 - 16/03/2023

Reported Date : 24/03/2023

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)	40.6	≤ 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)	127	≤ 750
Copper [@]	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.13	≤ 2
Lead [@]	mg/L	Digestion, Inductively Coupled Plasma (SM:3030F, 3120B)	< 0.03	≤ 0.2

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 Mr. Songpon Phiwuan (จ-003-ก-7279)*

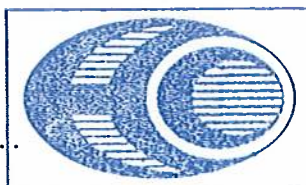
5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

24/03/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

24/03/2023

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Test Report

Request No : W6603122

Report No : 6603-1529

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66030674

Sample Name : Influent**

Sampling Date : 03/03/2023**

Sampling By : ETC**

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

Sampling Method : Composit**

Received Date : 04/03/2023

Tested Date : 07/03/2023 - 16/03/2023

Reported Date : 24/03/2023

Parameter	Unit	Method	Result	Standard ¹
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	7.4	5.5 - 9.0
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	0.134	≤ 1
Temperature *	°C	Laboratory and Field Method	30	≤ 45
Total Suspended Solids #	mg/L	Dried at 103-105 °C (SM:2540D)	12	≤ 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,

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)*

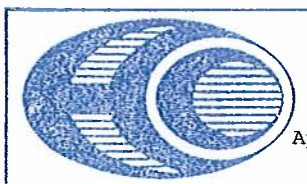
5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

24/03/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

24/03/2023

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Test Report

Request No : W6603122

Report No : 6603-1529

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66030674

Sample Name : Influent

Sampling Date : 03/03/2023

Sampling By : ETC

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

Sampling Method : Composit

Received Date : 04/03/2023

Tested Date : 07/03/2023 - 16/03/2023

Reported Date : 24/03/2023

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	5,060	-

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)

- 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 Phiwan (3-003-ก-7279)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

24/03/2023

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Test Report

Request No : W6603125

Report No : 6603-0794

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66030681

Sample Name : Influent

Sampling Date : 03/03/2023

Sampling By : ETC

Sampling Time : 3:10 PM

Sampling Method : Grab

Received Date : 04/03/2023

Tested Date : 11/03/2023

Reported Date : 16/03/2023

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. /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. Songpon Phiwan (J-003-ก-7279)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

16/03/2023

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Test Report

Request No : W6604032

Report No : 6604-1251

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66040119

Sample Name : Influent**

Sampling Date : 01/04/2023**

Sampling By : ETC**

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

Sampling Method : Composit**

Received Date : 03/04/2023

Tested Date : 03/04/2023 - 17/04/2023

Reported Date : 20/04/2023

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)	25.0	≤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)	92	≤750
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.14	≤2
Lead @	mg/L	Digestion, Inductively Coupled Plasma (SM:3030F, 3120B)	< 0.03	≤0.2

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 (๓-๐๐3-๓-๗279)*

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

Examined By : 
(Miss Apiradee Chuen-arom)

(๓-๐๐3-๓-4377)
20/04/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Mr. Kawee Suthasub)
(๓-๐๐3-๓-2205)
20/04/2023

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Test Report

Request No : W6604032

Report No : 6604-1251

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66040119

Sample Name : Influent**

Sampling Date : 01/04/2023**

Sampling By : ETC**

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

Sampling Method : Composit**

Received Date : 03/04/2023

Tested Date : 03/04/2023 - 17/04/2023

Reported Date : 20/04/2023

Parameter	Unit	Method	Result	Standard ¹
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	7.4	5.5 - 9.0
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	0.047	≤1
Temperature *	°C	Laboratory and Field Method	26	≤45
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	37	≤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. /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 (จ-003-ก-7279)*

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

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
20/04/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ก-2205)
20/04/2023

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**Test Report**

Request No : W6604032

Report No : 6604-1251

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66040119

Sample Name : Influent

Sampling Date : 01/04/2023

Sampling By : ETC

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

Sampling Method : Composit

Received Date : 03/04/2023

Tested Date : 03/04/2023 - 17/04/2023

Reported Date : 20/04/2023

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)	15	-
Flow Rate	m ³ /day	Calculation Method	4,699	-

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)

- 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 Phiwan (ว-003-ก-7279)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

20/04/2023

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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 : Grab

Tested Date : 05/04/2023

Request No : W6604034

Report No : 6604-0670

Sample No : W 66040124

Sampling Date : 01/04/2023

Sampling Time : 3:10 PM

Received Date : 03/04/2023

Reported Date : 07/04/2023

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 Phiwuan (จ-003-ก-7279)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

07/04/2023

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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



TESTING
No.0159

Test Report

Request No : W6605092

Report No : 6605-1263

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66050362

Sample Name : Influent**

Sampling Date : 03/05/2023**

Sampling By : ETC**

Sampling Time : 9:15 AM - 3:15 PM**

Sampling Method : Composit**

Received Date : 05/05/2023

Tested Date : 05/05/2023 - 17/05/2023

Reported Date : 18/05/2023

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)	39.4	≤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)	120	≤750
Copper *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.23	≤2
Lead *	mg/L	Digestion, Inductively Coupled Plasma (SM:3030F, 3120B)	0.03	≤0.2

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L(4 Bottle) , 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 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 (๓-003-๓-5637)*

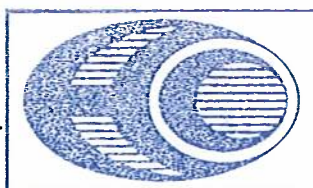
5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(๓-003-๓-4377)

18/05/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(๓-003-๓-2205)

18/05/2023

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Test Report

Request No : W6605092

Report No : 6605-1263

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66050362

Sample Name : Influent**

Sampling Date : 03/05/2023**

Sampling By : ETC**

Sampling Time : 9:15 AM - 3:15 PM**

Sampling Method : Composit**

Received Date : 05/05/2023

Tested Date : 05/05/2023 - 17/05/2023

Reported Date : 18/05/2023

Parameter	Unit	Method	Result	Standard ¹
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)	5.6	≤10
pH (on site) *		Electrometric Method	7.2	5.5 - 9.0
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	0.050	≤1
Temperature *	°C	Laboratory and Field Method	32	≤45
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	27	≤200

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L(4 Bottle) , 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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

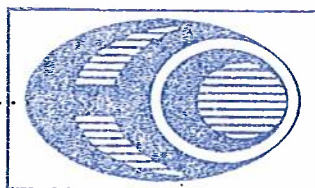
3. Miss Apiradee Chuen-arom is Section Head / Mr.Kawee Suthasub is Technical Management.

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

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

Examined By :

(Miss Apiradee Chuen-arom)
(1-003-1-4377)
18/05/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Approved By :

(Mr. Kawee Suthasub)
(1-003-1-2205)
18/05/2023

COPY

Test Report

Request No : W6605092

Report No : 6605-1263

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66050362

Sample Name : Influent

Sampling Date : 03/05/2023

Sampling By : ETC

Sampling Time : 9:15 AM - 3:15 PM

Sampling Method : Composit

Received Date : 05/05/2023

Tested Date : 05/05/2023 - 17/05/2023

Reported Date : 18/05/2023

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	5,816	-

Physical Apperance : 1. Sample : yellowish, lightly SS

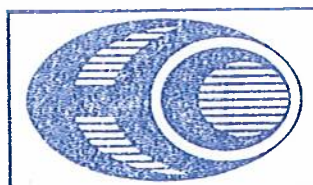
2. Container : Normal [PE 0.5 L(4 Bottle) , PE 1.8 L , G 1.0 L]

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 (๖-003-๖-5637)



Examined By :

(Miss Apiradee Chuen-arom)

18/05/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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COPY

Test Report

Request No : W6605096

Report No : 6605-1002

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66050374

Sample Name : Influent

Sampling Date : 03/05/2023

Sampling By : ETC

Sampling Time : 3:15 PM

Sampling Method : Grab

Received Date : 05/05/2023

Tested Date : 09/05/2023

Reported Date : 17/05/2023

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

Physical Apperance : 1. Sample : yellow, lightly SS

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. Supharerk Phatklang (3-003-3-5637)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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WITHOUT THE WRITTEN APPROVAL LABORATORYExamined By : 

(Miss Apiradee Chuen-arom)

17/05/2023

COPY

Test Report

Request No : W6606080

Report No : 6606-1450

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66060366

Sample Name : Influent**

Sampling Date : 02/06/2023**

Sampling By : ETC**

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

Sampling Method : Composit**

Received Date : 05/06/2023

Tested Date : 05/06/2023 - 15/06/2023

Reported Date : 20/06/2023

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)	21.8	≤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)	76	≤750
Copper *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.09	≤2
Lead *	mg/L	Digestion,Inductively Coupled Plasma (SM:3030F, 3120B)	< 0.03	≤0.2

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

2. # = 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 / Miss Nunnaphat Bakhuntod is Technical Management.

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

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

Examined By :

(Miss Apiradee Chuen-arom)
(1-003-ท-4377)
20/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(1-003-ท-4367)
20/06/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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COPY

Test Report

Request No : W6606080

Report No : 6606-1450

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66060366

Sample Name : Influent**

Sampling Date : 02/06/2023**

Sampling By : ETC**

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

Sampling Method : Composit**

Received Date : 05/06/2023

Tested Date : 05/06/2023 - 15/06/2023

Reported Date : 20/06/2023

Parameter	Unit	Method	Result	Standard/ ¹
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)	0.035	≤ 1
Temperature *	°C	Laboratory and Field Method	35	≤ 45
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	23	≤ 200

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 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 / Miss Nunnaphat Bakhuntod 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)

20/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-4367)

20/06/2023

COPY

Test Report

Request No : W6606080

Report No : 6606-1450

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66060366

Sample Name : Influent

Sampling Date : 02/06/2023

Sampling By : ETC

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

Sampling Method : Composit

Received Date : 05/06/2023

Tested Date : 05/06/2023 - 15/06/2023

Reported Date : 20/06/2023

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)	15	-
Flow Rate	m ³ /day	Calculation Method	5,909	-

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. /I 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 Miss Pornpinan Viriyakusolkul (1-003-1-8334)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

20/06/2023

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Test Report

Request No : W6606082

Report No : 6606-0910

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66060372

Sample Name : Influent

Sampling Date : 02/06/2023

Sampling By : ETC

Sampling Time : 3:05 PM

Sampling Method : Grab

Received Date : 05/06/2023

Tested Date : 10/06/2023

Reported Date : 14/06/2023

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 Miss Pornpinan Viriyakusolkul (7-003-8-8334)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

14/06/2023

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Test Report

Request No : W6601089

Report No : 6601- 1576

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66010412

Sample Name : Effluent**

Sampling Date : 06/01/2023**

Sampling By : ETC**

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

Sampling Method : Composit**

Received Date : 07/01/2023

Tested Date : 07/01/2023 - 21/01/2023

Reported Date : 25/01/2023

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)	6.7	≤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,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.08	≤2
Cyanide *	mg/l as HCN	Distillation,Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤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. /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 (๖-003-๖-5637)*

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

Examined By :

(Miss Apiradee Chuen-arom)

(๖-003-๖-4377)

25/01/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(๖-003-๖-2205)

25/01/2023

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Test Report

Request No : W6601089

Report No : 6601-1576

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66010412

Sample Name : Effluent**

Sampling Date : 06/01/2023**

Sampling By : ETC**

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

Sampling Method : Composit**

Received Date : 07/01/2023

Tested Date : 07/01/2023 - 21/01/2023

Reported Date : 25/01/2023

Parameter	Unit	Method	Result	Standard ¹
Hexavalent Chromium *	mg/l as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25
Lead @	mg/l	Digestion,Inductively Coupled Plasma (SM:3030F, 3120B)	< 0.03	≤0.2
Manganese @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.07	≤5
Mercury *	mg/l	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04	≤1
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5

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)

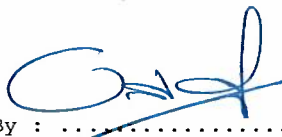
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SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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-ท-5637)*

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

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ท-4377)
25/01/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 
(Mr. Kawee Suthasub)
(จ-003-ท-2205)
25/01/2023

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Test Report

Request No : W6601089

Report No : 6601-1576

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66010412

Sample Name : Effluent**

Sampling Date : 06/01/2023**

Sampling By : ETC**

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

Sampling Method : Composit**

Received Date : 07/01/2023

Tested Date : 07/01/2023 - 21/01/2023

Reported Date : 25/01/2023

Parameter	Unit	Method	Result	Standard ¹
pH (on site) *		Electrometric Method	7.6	5.5-9.0
Phenol *	mg/l	Distillation, Direct Photometric Method (SM:5530B,D)	0.075	≤1
Selenium *	mg/l	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.02
Temperature *	°C	Laboratory and Field Method	29	≤40
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	5	≤50
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	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. /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,

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

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ท-4377)

25/01/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ท-2205)

25/01/2023

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Test Report

Request No : W6601089

Report No : 6601 - 1576

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66010412

Sample Name : Effluent**

Sampling Date : 06/01/2023

Sampling By : ETC

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

Sampling Method : Composit**

Received Date : 07/01/2023

Tested Date : 07/01/2023 - 21/01/2023

Reported Date : 25/01/2023

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	4,884	-
Iron @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.18	-
Magnesium *	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	7.36	-
Silver @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	<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 Industrial Estate Authority of Thailand 76 / 2560 (2017)
2. Parameter Outside The Scope of The Registration of Department of Industrial Works
3. @ = ISO/IEC 17025:2017 Accredited by TISI. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
4. Mr. Kawee Suthasub is Technical Management.
5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (1-003-1-5637)*
6. ** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Examined By :

(Mr. Kawee Suthasub)
25/01/2023

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Test Report

Request No : W6601096

Report No : 6601-1447

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66010433

Sample Name : Effluent

Sampling Date : 06/01/2023

Sampling By : ETC

Sampling Time : 3:00 PM

Sampling Method : Grab

Received Date : 07/01/2023

Tested Date : 18/01/2023

Reported Date : 23/01/2023

Parameter	Unit	Method	Result	Standard ¹
Coliform Bacteria	MPN:100 ml	MPN Test Method (SM:9221B)	4,900	-

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. 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)

23/01/2023

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Test Report

Request No : W6602082

Report No : 6602-1727

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66020459

Sample Name : Effluent**

Sampling Date : 02/02/2023**

Sampling By : ETC**

Sampling Time : 8:40 AM - 2:40 PM**

Sampling Method : Composit**

Received Date : 03/02/2023

Tested Date : 03/02/2023 - 24/02/2023

Reported Date : 01/03/2023

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)	3.2	≤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, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.05	≤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,

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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-ก-8334)*

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

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

01/03/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

01/03/2023

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Test Report

Request No : W6602082

Report No : 6602-1727

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66020459

Sample Name : Effluent**

Sampling Date : 02/02/2023**

Sampling By : ETC**

Sampling Time : 8:40 AM - 2:40 PM**

Sampling Method : Composit**

Received Date : 03/02/2023

Tested Date : 03/02/2023 - 24/02/2023

Reported Date : 01/03/2023

Parameter	Unit	Method	Result	Standard ¹
Lead [®]	mg/l	Digestion, Inductively Coupled Plasma (SM:3030F, 3120B)	< 0.03	≤ 0.2
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel [®]	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04	≤ 1
Oil and Grease [®]	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 5
pH (on site) *		Electrometric Method	7.3	5.5-9.0
Phenol *	mg/l	Distillation, Direct Photometric Method (SM:5530B,D)	0.014	≤ 1
Temperature *	°C	Laboratory and Field Method	33	≤ 40
Total Suspended Solids [#]	mg/l	Dried at 103-105 C (SM:2540D)	6	≤ 50

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 Miss Pornpinan Viriyakusolkul (3-003-0-8334)*

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

Examined By :

(Miss Apiradee Chuen-arom)

(3-003-0-4377)

01/03/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Approved By :

(Mr. Kawee Suthasub)

(3-003-0-2205)

01/03/2023

COPY

Test Report

Request No : W6602082

Report No : 6602-1727

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66020459

Sample Name : Effluent**

Sampling Date : 02/02/2023**

Sampling By : ETC**

Sampling Time : 8:40 AM - 2:40 PM**

Sampling Method : Composit**

Received Date : 03/02/2023

Tested Date : 03/02/2023 - 24/02/2023

Reported Date : 01/03/2023

Parameter	Unit	Method	Result	Standard ¹
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.07	≤5

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,

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

Examined By :

(Miss Apiradee Chuen-arom)

(T-003-ก-4377)

01/03/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(T-003-ก-2205)

01/03/2023

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Test Report

Request No : W6602082

Report No : 6602-1727

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66020459

Sample Name : Effluent

Sampling Date : 02/02/2023

Sampling By : ETC

Sampling Time : 8:40 AM - 2:40 PM

Sampling Method : Composit

Received Date : 03/02/2023

Tested Date : 03/02/2023 - 24/02/2023

Reported Date : 01/03/2023

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	4,142	-

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 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 Porapinan Viriyakusolkul (7-003-0-8334)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

01/03/2023

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Test Report

Request No : W6602065

Report No : 6602-0575

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66020344

Sample Name : Effluent

Sampling Date : 02/02/2023

Sampling By : ETC

Sampling Time : 2:40 PM

Sampling Method : Grab

Received Date : 03/02/2023

Tested Date : 08/02/2023

Reported Date : 10/02/2023

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

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [G 0.25 L [2 Bottle]]

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 Miss Pornpinan Viriyakusolkul (7-003-0-8334)



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Page 1 of 1

Examined By : 

(Miss Apiradee Chuen-arom)

10/02/2023

COPY

Test Report

Request No : W6603122

Report No : 6603-1530

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66030675

Sample Name : Effluent**

Sampling Date : 03/03/2023**

Sampling By : ETC**

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

Sampling Method : Composit**

Received Date : 04/03/2023

Tested Date : 07/03/2023 - 16/03/2023

Reported Date : 24/03/2023

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, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.03	≤ 2
Hexavalent Chromium [*]	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤ 0.25

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,

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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)

24/03/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

24/03/2023

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Test Report

Request No : W6603122

Report No : 6603-1530

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66030675

Sample Name : Effluent**

Sampling Date : 03/03/2023**

Sampling By : ETC**

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

Sampling Method : Composit**

Received Date : 04/03/2023

Tested Date : 07/03/2023 - 16/03/2023

Reported Date : 24/03/2023

Parameter	Unit	Method	Result	Standard ¹
Lead [@]	mg/L	Digestion, Inductively Coupled Plasma (SM:3030F, 3120B)	< 0.03	≤ 0.2
Mercury [*]	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel [@]	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.05	≤ 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)	0.056	≤ 1
Temperature [*]	°C	Laboratory and Field Method	30	≤ 40
Total Suspended Solids [#]	mg/L	Dried at 103-105 °C (SM:2540D)	< 5	≤ 50

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)

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Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

24/03/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

24/03/2023

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Test Report

Request No : W6603122

Report No : 6603-1530

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66030675

Sample Name : Effluent**

Sampling Date : 03/03/2023**

Sampling By : ETC**

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

Sampling Method : Composit**

Received Date : 04/03/2023

Tested Date : 07/03/2023 - 16/03/2023

Reported Date : 24/03/2023

Parameter	Unit	Method	Result	Standard ¹
Zinc [@]	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.06	≤5

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)

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Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

24/03/2023



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Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

24/03/2023

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Test Report

Request No : W6603122

Report No : 6603-1530

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66030675

Sample Name : Effluent

Sampling Date : 03/03/2023

Sampling By : ETC

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

Sampling Method : Composit

Received Date : 04/03/2023

Tested Date : 07/03/2023 - 16/03/2023

Reported Date : 24/03/2023

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	5,060	-

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. /I 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 Phiwuan (จ-003-ก-7279)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

24/03/2023

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Test Report

Request No : W6603125

Report No : 6603-0795

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66030682

Sample Name : Effluent

Sampling Date : 03/03/2023

Sampling By : ETC

Sampling Time : 3:00 PM

Sampling Method : Grab

Received Date : 04/03/2023

Tested Date : 11/03/2023

Reported Date : 16/03/2023

Parameter	Unit	Method	Result	Standard ¹
Coliform Bacteria	MPN:100 ml	MPN Test Method (SM:9221B)	13,000	-

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)
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 Phiwan (ว-003-ค-7279)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)
16/03/2023

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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 : 03/04/2023 - 17/04/2023

Sample No : W 66040120

Sampling Date : 01/04/2023**

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

Received Date : 03/04/2023

Reported Date : 20/04/2023

Request No : W6604032

Report No : 6604-1252

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0058	≤0.25
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	4.2	≤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, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.05	≤2
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2

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 the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
20/04/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ก-2205)
20/04/2023

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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 : 03/04/2023 - 17/04/2023

Sample No : W 66040120

Sampling Date : 01/04/2023**

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

Received Date : 03/04/2023

Reported Date : 20/04/2023

Request No : W6604032

Report No : 6604-1252

Parameter	Unit	Method	Result	Standard ¹
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25
Lead @	mg/L	Digestion, Inductively Coupled Plasma (SM:3030F, 3120B)	< 0.03	≤0.2
Magnesium *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	4.60	-
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.09	≤5
Mercury *	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005

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)

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Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
20/04/2023



Approved By :

(Mr. Kawee Suthasub)
(จ-003-ก-2205)
20/04/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
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Test Report

Request No : W6604032

Report No : 6604-1252

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66040120

Sample Name : Effluent**

Sampling Date : 01/04/2023**

Sampling By : ETC**

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

Sampling Method : Composit**

Received Date : 03/04/2023

Tested Date : 03/04/2023 - 17/04/2023

Reported Date : 20/04/2023

Parameter	Unit	Method	Result	Standard ¹
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.05	≤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
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.02
Temperature *	°C	Laboratory and Field Method	27	≤40
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	< 5	≤100
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	< 5	≤50

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,

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Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

20/04/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

20/04/2023

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Test Report

Request No : W6604032

Report No : 6604-1252

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66040120

Sample Name : Effluent**

Sampling Date : 01/04/2023**

Sampling By : ETC**

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

Sampling Method : Composit**

Received Date : 03/04/2023

Tested Date : 03/04/2023 - 17/04/2023

Reported Date : 20/04/2023

Parameter	Unit	Method	Result	Standard ¹
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.07	≤5

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. Songpon Phiwuan (จ-003-ก-7279)*

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

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
20/04/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ก-2205)
20/04/2023

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Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



NSC-TISI-TIS 17025
TESTING 0031

Test Report

Request No : W6604032

Report No : 6604-1252

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66040120

Sample Name : Effluent**

Sampling Date : 01/04/2023**

Sampling By : ETC**

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

Sampling Method : Composit**

Received Date : 03/04/2023

Tested Date : 03/04/2023 - 17/04/2023

Reported Date : 20/04/2023

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	4,699	-
Iron @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.14	-
Silver @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-

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. Parameter Outside The Scope of The Registration of Department of Industrial Works
3. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
4. Mr. Kawee Suthasub is Technical Management.
5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (จ-003-ก-7279)*
6. ** = These data are non laboratory data.



Examined By :

(Mr. Kawee Suthasub)
20/04/2023

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Test Report

Request No : W6604034

Report No : 6604-0671

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66040125

Sample Name : Effluent

Sampling Date : 01/04/2023

Sampling By : ETC

Sampling Time : 3:00 PM

Sampling Method : Grab

Received Date : 03/04/2023

Tested Date : 05/04/2023

Reported Date : 07/04/2023

Parameter	Unit	Method	Result	Standard/ ¹
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	35,000	-

Physical Apperance : 1. Sample : yellow, 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. 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 (จ-003-ก-7279)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

07/04/2023

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Test Report

Request No : W6605092

Report No : 6605-1264

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66050363

Sample Name : Effluent**

Sampling Date : 03/05/2023**

Sampling By : ETC**

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

Sampling Method : Composit**

Received Date : 05/05/2023

Tested Date : 05/05/2023 - 17/05/2023

Reported Date : 18/05/2023

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,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04	≤2
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Apperance : 1. Sample : lightly SS

2. Container : Normal [PE 0.5 L(4 Bottle) , 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 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)
18/05/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-จ-2205)
18/05/2023

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Test Report

Request No : W 6605092

Report No : 6605-1264

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66050363

Sample Name : Effluent**

Sampling Date : 03/05/2023**

Sampling By : ETC**

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

Sampling Method : Composit**

Received Date : 05/05/2023

Tested Date : 05/05/2023 - 17/05/2023

Reported Date : 18/05/2023

Parameter	Unit	Method	Result	Standard ¹
Lead *	mg/L	Digestion,Inductively Coupled Plasma (SM:3030F, 3120B)	< 0.03	≤0.2
Mercury *	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.03	≤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	31	≤40
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	< 5	≤50

Physical Apperance : 1. Sample : lightly SS

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

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

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

Examined By :

(Miss Apiradee Chuen-arom)
(๖-003-๖-4377)
18/05/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(๖-003-๖-2205)
18/05/2023

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TESTING
No.0159

Test Report

Request No : W6605092

Report No : 6605-1264

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66050363

Sample Name : Effluent**

Sampling Date : 03/05/2023**

Sampling By : ETC**

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

Sampling Method : Composit**

Received Date : 05/05/2023

Tested Date : 05/05/2023 - 17/05/2023

Reported Date : 18/05/2023

Parameter	Unit	Method	Result	Standard ¹
Zinc *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.03	≤5

Physical Apperance : 1. Sample : lightly SS

2. Container : Normal [PE 0.5 L(4 Bottle) , 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 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)
18/05/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(๖-003-๖-2205)
18/05/2023

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Test Report

Request No : W6605092

Report No : 6605-1264

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66050363

Sample Name : Effluent

Sampling Date : 03/05/2023

Sampling By : ETC

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

Sampling Method : Composit

Received Date : 05/05/2023

Tested Date : 05/05/2023 - 17/05/2023

Reported Date : 18/05/2023

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	5,816	-

Physical Appearance : 1. Sample : lightly SS

2. Container : Normal [PE 0.5 L(4 Bottle) , 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 Mr. Supharerk Phatklang (T-003-0-5637)



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Examined By : 

(Miss Apiradee Chuen-arom)

18/05/2023

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Test Report

Request No : W6605096, W6605561

Report No : 6605-1003-1, 6606-1213

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66050375, W 66052060

Sample Name : Effluent

Sampling Date : 03/05/2023, 24/05/2023

Sampling By : ETC

Sampling Time : 3:00 PM, 9:15 AM

Sampling Method : Grab

Received Date : 05/05/2023, 25/05/2023

Tested Date : 09/05/2023

Reported Date : 16/06/2023

Parameter	Unit	Method	Result	Standard ¹
Coliform Bacteria ^{/2}	MPN:100 mL	MPN Test Method (SM:9221B)	13	-

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. /2 Sample No. W66052060 : Sampling Date 24/05/2023 (9:15 AM) Tested Date 25/05/2023 - 29/05/2023

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

SUPPLEMENT TO TEST REPORT NO. 6605-1003



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Examined By : 

(Miss Apiradee Chuen-arom)

16/06/2023

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TESTING
No.0159

Test Report

Request No : W6606080

Report No : 6606-1451

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66060367

Sample Name : Effluent**

Sampling Date : 02/06/2023**

Sampling By : ETC**

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

Sampling Method : Composit**

Received Date : 05/06/2023

Tested Date : 05/06/2023 - 15/06/2023

Reported Date : 20/06/2023

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)	8.0	≤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, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.05	≤2
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Appearance : 1. Sample : 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 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 / Miss Nunnaphat Bakhuntod is Technical Management.

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

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

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

20/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-4367)

20/06/2023

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Test Report

Request No : W6606080

Report No : 6606-1451

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66060367

Sample Name : Effluent**

Sampling Date : 02/06/2023**

Sampling By : ETC**

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

Sampling Method : Composit**

Received Date : 05/06/2023

Tested Date : 05/06/2023 - 15/06/2023

Reported Date : 20/06/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Lead *	mg/L	Digestion,Inductively Coupled Plasma (SM:3030F, 3120B)	< 0.03	≤0.2
Mercury *	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04	≤1
Oil and Grease *	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	6.9	5.5-9.0
Phenol *	mg/L	Distillation,Direct Photometric Method (SM:5530B,D)	0.008	≤1
Temperature *	°C	Laboratory and Field Method	35	≤40
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	5	≤50

Physical Appearance : 1. Sample : 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 DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

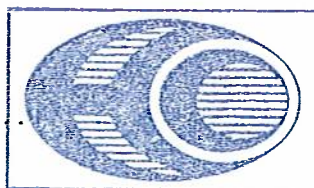
3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

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-ค-4377)
20/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-4367)
20/06/2023

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Test Report

Request No : W6606080

Report No : 6606-1451

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : WWTP**

Sample No : W 66060367

Sample Name : Effluent**

Sampling Date : 02/06/2023**

Sampling By : ETC**

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

Sampling Method : Composit**

Received Date : 05/06/2023

Tested Date : 05/06/2023 - 15/06/2023

Reported Date : 20/06/2023

Parameter	Unit	Method	Result	Standard ¹
Zinc *	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.06	≤5

Physical Apperance : 1. Sample : 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 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 / Miss Nunnaphat Bakhuntod is Technical Management.

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

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

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
20/06/2023



บริษัท อีสเทิร์นไทยคอนซัลต์ 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ก-4367)
20/06/2023

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Test Report

Request No : W6606080

Report No : 6606-1451

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66060367

Sample Name : Effluent

Sampling Date : 02/06/2023

Sampling By : ETC

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

Sampling Method : Composit

Received Date : 05/06/2023

Tested Date : 05/06/2023 - 15/06/2023

Reported Date : 20/06/2023

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	5,909	-

Physical Apperance : 1. Sample : 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. 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)

20/06/2023

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Test Report

Request No : W6606082

Report No : 6606-0911

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66060373

Sample Name : Effluent

Sampling Date : 02/06/2023

Sampling By : ETC

Sampling Time : 3:00 PM

Sampling Method : Grab

Received Date : 05/06/2023

Tested Date : 10/06/2023

Reported Date : 14/06/2023

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

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. 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)

14/06/2023

TEST REPORT

Customer : MDX Public Co.,Ltd.**
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**
Sampling Source : Surface Water ** Sample No. : W 66010425, W 66020464
Sample Name : ดินน้ำของพื้นที่โครงการ 200 เมตร** Sampling Date : 06/01/2023, 02/02/2023**
Sampling By : ETC** Sampling Time : 10:50 AM, 10:50 AM**
Sampling Method : Grab** Received Date : 07/01/2023, 03/02/2023
Tested Date : 07/01/2023 – 19/01/2023 Reported Date : 22/02/2023

Parameter	Unit	Method	Result	Standard ¹	Standard ¹
Arsenic *	mg/l	Continuous, Hydride Generation / AAS Method (SM:3114B)	< 0.0020	≤ 0.01	≤ 0.01
Biochemical Oxygen Demand # /3	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤ 4	≤ 2
Dissolved Oxygen *	mg/l	Membrane Electrode Method (SM:4500-O G)	6.1	≥ 2	≥ 4
Fecal Coliform Bacteria *	MPN : 100 ml	MPN Test Method (SM:9221E)	33	-	≤ 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. /3 Sample No. W66020464 : Sampling Date : 02/02/2023 (10:50 AM) : Tested Date : 03/02/2023 – 10/02/2023
4. @ = 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
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ก-7279)*
8. ท *** = คุณหมื่นของน้ำจะต้องไม่สูงกว่าคุณหมื่นตามธรรมชาติ เกิน 3 องค์การเชื้อชาติ

SUPPLEMENT TO TEST REPORT NO. 6601-1581



Examined By

(Mr. Kawee Suthasub)

22/02/2023

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TEST REPORT

Customer : MDX Public Co.,Ltd.**
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**
Sampling Source : Surface Water ** Sample No. : W 66010425, W 66020464
Sample Name : ดินน้ำของพื้นที่โครงการ 200 เมตร** Sampling Date : 06/01/2023, 02/02/2023**
Sampling By : ETC** Sampling Time : 10:50 AM, 10:50 AM**
Sampling Method : Grab** Received Date : 07/01/2023, 03/02/2023
Tested Date : 07/01/2023 – 19/01/2023 Reported Date : 22/02/2023

Parameter	Unit	Method	Result	Standard ²	Standard ¹
Nitrate *	mg/l as NO ₃ ⁻	Cadmium Reduction Method (SM:4500 – NO3-B)	< 0.44	-	≤ 5
Nitrogen (Nitrate) *	mg/l as NO ₃ ⁻ -N	Cadmium Reduction Method (SM:4500 – NO3-B)	< 0.10	≤ 5	≤ 5
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	-	-
pH (on site) *		Electrometric Method	7.5	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)	< 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. /3 Sample No. W66020464 : Sampling Date : 02/02/2023 (10:50 AM) : Tested Date : 03/02/2023 – 10/02/2023
4. @ = 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
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (๓-003-๓-7279)*
8. ๓ *** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

SUPPLEMENT TO TEST REPORT NO. 6601-1581



Examined By

(Mr. Kawee Suthasub)

22/02/2023

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Test Report

Request No : W6601093

Report No : 6601-1581

Customer : MDX Public Co.,Ltd.

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

Sampling Source : Surface Water

Sample No : W 66010425

Sample Name : ดินน้ำของพื้นที่โครงการ 200 เมตร

Sampling Date : 06/01/2023

Sampling By : ETC

Sampling Time : 10:50 AM

Sampling Method : Grab

Received Date : 07/01/2023

Tested Date : 07/01/2023 - 19/01/2023

Reported Date : 25/01/2023

Parameter	Unit	Method	Result	Standard ²	Standard ¹
Ammonia Nitrogen #	mg/l	Spectrophotometer	0.26	≤ 0.5	≤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 Environment Board No. 8, B.E. 2537 (1994), Class 3.

2. /2 Surface Water Quality Standards Notification of the Environment Board No. 8 BE. 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. Supharerk Phatklang (ว-003-ท-5637)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

25/01/2023

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TESTING
No.0159

Test Report

Request No : W 6605093, W6606083
Report No : 6605-1938-1, 6606-0867

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : Surface Water**

Sample No : W 66050368, W 66060376

Sample Name : ดินน้ำของพื้นที่โครงการ 200 เมตร**

Sampling Date : 03/05/2023, 02/06/2023**

Sampling By : ETC**

Sampling Time : 9:30 AM, 11:15 AM**

Sampling Method : Grab**

Received Date : 05/05/2023, 05/06/2023

Tested Date : 05/05/2023 - 24/05/2023

Reported Date : 13/07/2023

Parameter	Unit	Method	Result	Standard ²	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	<0.0020	≤ 0.01	≤0.01
Biochemical Oxygen Demand #/3	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	7.6	≤ 4	≤2
Dissolved Oxygen */3	mg/L	Membrane Electrode Method (SM:4500 -O G)	3.4	≥ 2	≥4
Fecal Coliform Bacteria */3	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, turbid

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

Remark : 1. /1 Surface Water Quality Standards, Notification of the Environment Board No. 8, B.E. 2537 (1994), Class 3.

2. /2 Surface Water Quality Standards Notification of the Environment Board No. 8 BE. 2537 (1994) , Class 4

3. /3 Sample No. W66060376 : Sampling Date 02/06/2023 (11:15 AM) Tested Date 09/06/2023 - 10/06/2023

4. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater,

APHA, AWWA, WEF, 23rd Edition, 2017. / ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

6. Miss Nunnaphat Bakhuntod is Technical Management. / ** = These data are non laboratory data.

7. = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (3-003-ก-5637)*

SUPPLEMENT TO TEST REPORT NO. 6605-1938



Examined By :

(Miss Nunnaphat Bakhuntod)

13/07/2023

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TESTING
No.0159

Test Report

Request No : W 6605093, W 6606083

Report No : 6605-1938-1, 6606-0867

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : Surface Water**

Sample No : W 66050368, W 66060376

Sample Name : ดินน้ำของพื้นที่โครงการ 200 เมตร**

Sampling Date : 03/05/2023, 02/06/2023**

Sampling By : ETC**

Sampling Time : 9:30 AM, 11:15 AM**

Sampling Method : Grab**

Received Date : 05/05/2023, 05/06/2023

Tested Date : 05/05/2023 - 24/05/2023

Reported Date : 13/07/2023

Parameter	Unit	Method	Result	Standard ²	Standard ¹
Nitrate *	mg/L as NO ₃ ⁻	Cadmium Reduction Method (SM:4500 -NO ₃ - E)	< 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	6.5	5.0-9.0	5.0-9.0
Temperature *	°C	Laboratory and Field Method	31	***	***
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	12	-	-

Physical Apperance : 1. Sample : yellow, turbid

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

Remark : 1. /1 Surface Water Quality Standards, Notification of the Environment Board No. 8, B.E. 2537 (1994), Class 3.

2. /2 Surface Water Quality Standards Notification of the Environment Board No. 8 BE. 2537 (1994) , Class 4

3. /3 Sample No. W66060376 : Sampling Date 02/06/2023 (11:15 AM) Tested Date 09/06/2023 - 10/06/2023

4. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater,

APHA, AWWA, WEF, 23rd Edition, 2017. / *** = คุณหมุมิของน้ำจะต้องไม่สูงกว่าคุณหมุมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

6. Miss Nunnaphat Bakhuntod is Technical Management. / ** = These data are non laboratory data.

SUPPLEMENT TO TEST REPORT NO. 6605-1938



Examined By : ...

(Miss Nunnaphat Bakhuntod)

13/07/2023

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Test Report

Request No : W6605093

Report No : 6605-1938

Customer : MDX Public Co.,Ltd.

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

Sampling Source : Surface Water

Sample No : W 66050368

Sample Name : คำนวณของพื้นที่โครงการ 200 เมตร

Sampling Date : 03/05/2023

Sampling By : ETC

Sampling Time : 9:30 AM

Sampling Method : Grab

Received Date : 05/05/2023

Tested Date : 05/05/2023 - 24/05/2023

Reported Date : 01/06/2023

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(2 Bottle) , PE 1.0 L , PE 1.8 L , G 1.0 L]

Remark : 1. /1 Surface Water Quality Standards, Notification of the Environment Board No. 8, B.E. 2537 (1994), Class 3.

2. /2 Surface Water Quality Standards Notification of the Environment Board No. 8 BE. 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. Supharek Phatklang (๖-๐๐3-๖-5637)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

01/06/2023

TEST REPORT

Customer : MDX Public Co.,Ltd.**
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**
Sampling Source : Surface Water ** Sample No. : W 66010423, W 66021712
Sample Name : ฝายคลองวังคั่น** Sampling Date : 06/01/2023, 16/02/2023**
Sampling By : ETC** Sampling Time : 8:45 AM, 9:05 AM**
Sampling Method : Grab** Received Date : 07/01/2023, 17/02/2023
Tested Date : 07/01/2023 – 19/01/2023 Reported Date : 03/03/2023

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 # /3	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤ 4	≤ 2
Dissolved Oxygen *	mg/l	Membrane Electrode Method (SM:4500-O G)	6.1	≥ 2	≥ 4
Fecal Coliform Bacteria *	MPN : 100 ml	MPN Test Method (SM:9221E)	3,300	-	≤ 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. /3 Sample No. W66021712 : Sampling Date : 16/02/2023 (9:05 AM) : Tested Date : 17/02/2023 – 23/02/2023
4. @ = 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
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (ว-003-ก-7279)*
8. ข *** = คุณหมอน้ำจะต้องไม่สูงกว่าคุณหมอน้ำตามธรรมชาติ เกิน 3 องศาเซลเซียส

SUPPLEMENT TO TEST REPORT NO. 6601-1579-1



Examined By

(Mr. Kawee Suthasub)

03/03/2023

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TEST REPORT

Customer : MDX Public Co.,Ltd.**
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**
Sampling Source : Surface Water **
Sample Name : ฝายคลองวังควัน**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 07/01/2023 – 19/01/2023
Sample No. : W 66010423, W 66021712
Sampling Date : 06/01/2023, 16/02/2023**
Sampling Time : 8:45 AM, 9:05 AM**
Received Date : 07/01/2023, 17/02/2023
Reported Date : 03/03/2023

Parameter	Unit	Method	Result	Standard ²	Standard ¹
Nitrate *	mg/l as NO ₃ ⁻	Cadmium Reduction Method (SM:4500 – NO3-B)	4.43	-	≤ 5
Nitrogen (Nitrate) *	mg/l as NO ₃ ⁻ -N	Cadmium Reduction Method (SM:4500 – NO3-B)	1.00	≤ 5	≤ 5
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	-	-
pH (on site) *		Electrometric Method	7.8	5.0-9.0	5.0-9.0
Temperature *	°C	Laboratory and Field Method	27	๗ ***	๗ ***
Total Suspended Solids #	mg/l	Dried at 103-105 °C (SM:2540D)	13	-	-

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. /3 Sample No. W66020462 : Sampling Date : 02/02/2023 (8:30 AM) : Tested Date : 03/02/2023 – 10/02/2023
 4. @ = 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
 5. Parameter Outside The Scope of The Registration of Department of Industrial Works
 6. Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data
 7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (๖-003-ค-7279)*
 8. ๗ *** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

SUPPLEMENT TO TEST REPORT NO. 6601-1579-1



Examined By

(Mr. Kawee Suthasub)

03/03/2023

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Test Report

Request No : W6601093

Report No : 6601-1579

Customer : MDX Public Co.,Ltd.

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

Sampling Source : Surface Water

Sample No : W 66010423

Sample Name : ฝายคลองวังด้วน

Sampling Date : 06/01/2023

Sampling By : ETC

Sampling Time : 8:45 AM

Sampling Method : Grab

Received Date : 07/01/2023

Tested Date : 07/01/2023 - 19/01/2023

Reported Date : 25/01/2023

Parameter	Unit	Method	Result	Standard ²	Standard ¹
Ammonia Nitrogen #	mg/l	Spectrophotometer	0.18	≤ 0.5	≤ 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 Environment Board No. 8, B.E. 2537 (1994), Class 3.

2. /2 Surface Water Quality Standards Notification of the Environment Board No. 8 BE. 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. Supharerk Phatklang (ว-003-จ-5637)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

25/01/2023



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TESTING
No.0159

Test Report

Request No : W6605093, W6606083

Report No : 6605-1936-1, 6606-0865

Customer : MDX Public Co.,Ltd.

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

Sampling Source : Surface Water**

Sample No : W 66050366, W 66060374

Sample Name : ฝายคลองวังคิ้ว**

Sampling Date : 03/05/2023, 02/06/2023**

Sampling By : ETC**

Sampling Time : 10:10 AM, 8:50 AM**

Sampling Method : Grab**

Received Date : 05/05/2023, 05/06/2023

Tested Date : 05/05/2023 - 24/05/2023

Reported Date : 13/07/2023

Parameter	Unit	Method	Result	Standard ²	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤ 0.01	≤ 0.01
Biochemical Oxygen Demand #/3	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	3.9	≤ 4	≤ 2
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	4.4	≥ 2	≥ 4
Fecal Coliform Bacteria */3	MPN:100 mL	MPN Test Method (SM:9221E)	1,100	-	≤ 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 : yellowish, lightly SS

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

Remark : 1. /1 Surface Water Quality Standards, Notification of the Environment Board No. 8, B.E. 2537 (1994), Class 3.

2. /2 Surface Water Quality Standards Notification of the Environment Board No. 8 BE. 2537 (1994) , Class 4

3. /3 Sample No. W66060374 : Sampling Date 02/06/2023 (8:50 AM) Tested Date 09/06/2023 - 10/06/2023

4. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017. / ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

6. Miss Nunnaphat Bakhuntod is Technical Management. / ** = These data are non laboratory data.

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

SUPPLEMENT TO TEST REPORT NO. 6605-1936



Examined By :

(Miss Nunnaphat Bakhuntod)

13/07/2023

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Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



TESTING
No.0159

Test Report

Request No : W6605093, W6606083

Report No : 6605-1936-1, 6606-0865

Customer : MDX Public Co.,Ltd.

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

Sampling Source : Surface Water**

Sample No : W 66050366, W 66060374

Sample Name : ฝายคลองวังด้วน**

Sampling Date : 03/05/2023, 02/06/2023**

Sampling By : ETC**

Sampling Time : 10:10 AM, 8:50 AM**

Sampling Method : Grab**

Received Date : 05/05/2023, 015/06/2023

Tested Date : 05/05/2023 - 24/05/2023

Reported Date : 13/07/2023

Parameter	Unit	Method	Result	Standard ²	Standard ¹
Nitrate *	mg/L as NO ₃ ⁻	Cadmium Reduction Method (SM:4500 -NO ₃ - E)	1.00	-	≤5
Nitrogen (Nitrate) *	mg/L as NO ₃ ⁻ N	Cadmium Reduction Method (SM:4500 -NO ₃ - B)	0.23	≤ 5	≤5
Oil and Grease *	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	-	-
pH (on site) *		Electrometric Method	7.5	5.0-9.0	5.0-9.0
Temperature *	°C	Laboratory and Field Method	30	ก***	ก***
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	18	-	-

Physical Apperance : 1. Sample : yellowish, lightly SS

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

Remark : 1. /1 Surface Water Quality Standards, Notification of the Environment Board No. 8, B.E. 2537 (1994), Class 3.

2. /2 Surface Water Quality Standards Notification of the Environment Board No. 8 BE. 2537 (1994) , Class 4

3. /3 Sample No. W66060374 : Sampling Date 02/06/2023 (8:50 AM) Tested Date 09/06/2023 - 10/06/2023

4. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater,

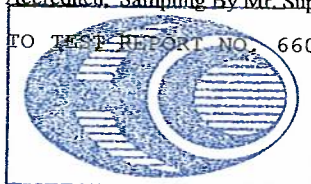
APHA, AWWA, WEF, 23rd Edition, 2017. / ก*** = คุณหมึกของน้ำจะต้องไม่สูงกว่าคุณหมึกตามธรรมชาติ เกิน 3 องศาเซลเซียส

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

6. Miss Nunnaphat Bakhuntod is Technical Management. / ** = These data are non laboratory data.

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

SUPPLEMENT TO TEST REPORT NO. 6605-1936



Examined By :

(Miss Nunnaphat Bakhuntod)

13/07/2023

REPORTED BY: นายนันทพร บัณฑิต
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Test Report

Request No : W6605093

Report No : 6605-1936

Customer : MDX Public Co.,Ltd.

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

Sampling Source : Surface Water

Sample No : W 66050366

Sample Name : ฝายคลองวังควัน

Sampling Date : 03/05/2023

Sampling By : ETC

Sampling Time : 10:10 AM

Sampling Method : Grab

Received Date : 05/05/2023

Tested Date : 05/05/2023 - 24/05/2023

Reported Date : 01/06/2023

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

Physical Apperance : 1. Sample : yellowish, lightly SS

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

Remark : 1. /1 Surface Water Quality Standards, Notification of the Environment Board No. 8, B.E. 2537 (1994), Class 3.

2. /2 Surface Water Quality Standards Notification of the Environment Board No. 8 BE. 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. Supharerk Phatklang (๗-003-๖-5637)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

01/06/2023

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TEST REPORT

Customer : MDX Public Co.,Ltd.**
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**
Sampling Source : Surface Water** Sample No. : W 66010424, W 66020463
Sample Name : จุลินทรีย์น้ำทิ้ง (จุลินทรีย์บำบัดน้ำเสีย)** Sampling Date : 06/01/2023, 02/02/2023**
Sampling By : ETC** Sampling Time : 1:45 PM, 10:42 AM**
Sampling Method : Grab** Received Date : 07/01/2023, 03/02/2023
Tested Date : 07/01/2023 – 19/01/2023 Reported Date : 22/02/2023

Parameter	Unit	Method	Result	Standard ²	Standard ¹
Arsenic *	mg/l	Continuous, Hydride Generation / AAS Method (SM:3114B)	< 0.0020	≤ 0.01	≤ 0.01
Biochemical Oxygen Demand # /3	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.0	≤ 4	≤ 2
Dissolved Oxygen *	mg/l	Membrane Electrode Method (SM:4500-O G)	6.0	≥ 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. /3 Sample No. W66020463 : Sampling Date : 02/02/2023 (10:42 AM) : Tested Date : 03/02/2023 – 11/02/2023
4. @ = 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
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (ว-003-ก-7279)*
8. ท *** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

SUPPLEMENT TO TEST REPORT NO. 6601-1580



Examined By

(Mr. Kawee Suthasub)

22/02/2023

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TEST REPORT

Customer : MDX Public Co.,Ltd.**
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**
Sampling Source : Surface Water** Sample No. : W 66010424, W 66020463
Sample Name : จุกระบายน้ำทิ้ง (จุดบรรจบท้ายอ่างเก็บน้ำ)** Sampling Date : 06/01/2023, 02/02/2023**
Sampling By : ETC** Sampling Time : 1:45 PM, 10:42 AM**
Sampling Method : Grab** Received Date : 07/01/2023, 03/02/2023
Tested Date : 07/01/2023 – 19/01/2023 Reported Date : 22/02/2023

Parameter	Unit	Method	Result	Standard ^{/2}	Standard ^{/1}
Nitrate * /3	mg/l as NO ₃ ⁻	Cadmium Reduction Method (SM:4500 – NO3-B)	< 0.44	-	≤ 5
Nitrogen (Nitrate) *	mg/l as NO ₃ -N	Cadmium Reduction Method (SM:4500 – NO3-B)	3.44	≤ 5	≤ 5
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	-	-
pH (on site) *		Electrometric Method	7.2	5.0-9.0	5.0-9.0
Temperature *	°C	Laboratory and Field Method	27	† ***	† ***
Total Suspended Solids #	mg/l	Dried at 103-105 °C (SM:2540D)	10	-	-

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. /3 Sample No. W66020463 : Sampling Date : 02/02/2023 (10:42 AM) : Tested Date : 03/02/2023 – 11/02/2023
 4. @ = 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
 5. Parameter Outside The Scope of The Registration of Department of Industrial Works
 6. Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data
 7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (1-003-ค-7279)*
 8. † *** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

SUPPLEMENT TO TEST REPORT NO. 6601-1579



Examined By

(Mr. Kawee Suthasub)

22/02/2023

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Test Report

Request No : W6601093

Report No : 6601-1580-1

Customer : MDX Public Co.,Ltd.

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

Sampling Source : Surface Water

Sample No : W 66010424

Sample Name : จุกระบายน้ำทิ้ง (จุดบรรจบท้ายอ่างเก็บน้ำ)

Sampling Date : 06/01/2023

Sampling By : ETC

Sampling Time : 1:45 PM

Sampling Method : Grab

Received Date : 07/01/2023

Tested Date : 07/01/2023 - 19/01/2023

Reported Date : 28/01/2023

Parameter	Unit	Method	Result	Standard ^{/2}	Standard ^{/1}
Ammonia Nitrogen #	mg/l	Spectrophotometer	0.30	≤ 0.5	≤0.5

Physical Appearance : 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 Environment Board No. 8, B.E. 2537 (1994), Class 3.

2. /2 Surface Water Quality Standards Notification of the Environment Board No. 8 BE. 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. Supharerk Phatklang (๖-003-๖-5637)

SUPPLEMENT TO TEST REPORT NO. 6601-1580



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

28/01/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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TEST REPORT

Customer : MDX Public Co.,Ltd.**
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**
Sampling Source : Surface Water** Sample No. : W 66050367, W 66060375, 66070928
Sample Name : จุกระบายน้ำทิ้ง (จุดบรรจบท้ายอ่างเก็บน้ำ)** Sampling Date : 03/05/2023, 02/06/2023, 07/07/2023**
Sampling By : ETC** Sampling Time : 9:50 PM, 11:10 AM, 9:10 AM**
Sampling Method : Grab** Received Date : 05/05/2023, 05/06/2023, 08/07/2023
Tested Date : 05/05/2023 – 24/05/2023 Reported Date : 19/07/2023

Parameter	Unit	Method	Result	Standard ¹²	Standard ¹¹
Arsenic *	mg/L	Continuous, Hydride Generation / AAS Method (SM:3114B)	0.0029	≤ 0.01	≤ 0.01
Biochemical Oxygen Demand # /4	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	4.1	≤ 4	≤ 2
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500-O G)	3.6	≥ 2	≥ 4
Fecal Coliform Bacteria * /3	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

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [2 Bottle], PE 1.0 L, 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. /3 Sample No. W66060375 : Sampling Date : 02/06/2023 (11:10 AM) : Tested Date : 09/06/2023 – 10/06/2023
4. /4 Sample No. W66070928 : Sampling Date : 07/07/2023 (9:10 AM) : Tested Date : 08/07/2023 – 14/07/2023
5. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
6. Parameter Outside The Scope of The Registration of Department of Industrial Works
7. Miss Nunnaphat Bakhuntod is Technical Management. / ** = These data are non laboratory data
8. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (1-003-จ-5637)*
9. ข *** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

SUPPLEMENT TO TEST REPORT NO. 6605-1937-1



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By

(Miss Nunnaphat Bakhuntod)

19/07/2023

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TEST REPORT

Customer : MDX Public Co.,Ltd.**
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**
Sampling Source : Surface Water** Sample No. : W 66050367, W 66060375, 66070928
Sample Name : จุกระบายน้ำทิ้ง (จุดบรรจบท้ายอ่างเก็บน้ำ)** Sampling Date : 03/05/2023, 02/06/2023, 07/07/2023**
Sampling By : ETC** Sampling Time : 9:50 PM, 11:10 AM, 9:10 AM**
Sampling Method : Grab** Received Date : 05/05/2023, 05/06/2023, 08/07/2023
Tested Date : 05/05/2023 – 24/05/2023 Reported Date : 19/07/2023

Parameter	Unit	Method	Result	Standard ¹²	Standard ¹¹
Mercury *	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.002	≤ 0.002
Nitrate *	mg/L as NO ₃ ⁻	Cadmium Reduction Method (SM:4500 – NO3-E)	0.54	-	≤ 5
Nitrogen (Nitrate) *	mg/L as NO ₃ ⁻ -N	Cadmium Reduction Method (SM:4500 – NO3-B)	0.12	≤ 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	31	๓ ***	๓ ***
Total Suspended Solids #	mg/L	Dried at 103-105 °C (SM:2540D)	7	-	-

Physical Appearance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L [2 Bottle], PE 1.0 L, 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. /3 Sample No. W66060375 : Sampling Date : 02/06/2023 (11:10 AM) : Tested Date : 09/06/2023 – 10/06/2023
4. /4 Sample No. W66070928 : Sampling Date : 07/07/2023 (9:10 AM) : Tested Date : 08/07/2023 – 14/07/2023
5. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
6. Parameter Outside The Scope of The Registration of Department of Industrial Works
7. Miss Nunnaphat Bakhuntod is Technical Management. / ** = These data are non laboratory data
8. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (1-003-๑-5637)*
9. ๓ *** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

SUPPLEMENT TO TEST REPORT NO. 6605-1937-1



Examined By

(Miss Nunnaphat Bakhuntod)

19/07/2023

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Test Report

Request No : W6605093

Report No : 6605-1937

Customer : MDX Public Co.,Ltd.

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

Sampling Source : Surface Water

Sample No : W 66050367

Sample Name : จุดระบายน้ำทิ้ง (จุดบรรจบท้ายอ่างเก็บน้ำ)

Sampling Date : 03/05/2023

Sampling By : ETC

Sampling Time : 9:50 AM

Sampling Method : Grab

Received Date : 05/05/2023

Tested Date : 05/05/2023 - 24/05/2023

Reported Date : 01/06/2023

Parameter	Unit	Method	Result	Standard ²	Standard ¹
Ammonia Nitrogen #	mg/L	Spectrophotometer	0.25	≤ 0.5	≤0.5

Physical Apperance : 1. Sample : yellowish, lightly SS

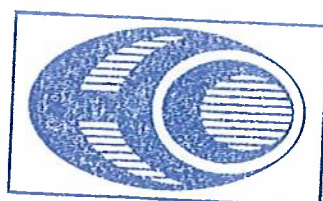
2. Container : Normal [PE 0.5 L(2 Bottle) , PE 1.0 L ,PE 1.8 L , G 1.0 L]

Remark : 1. /1 Surface Water Quality Standards, Notification of the Environment Board No. 8, B.E. 2537 (1994), Class 3.

2. /2 Surface Water Quality Standards Notification of the Environment Board No. 8 BE. 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. Supharek Phatklang (๖-003-๖-5637)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

01/06/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. W6601090, W6603124

Report No. 6601-1451-1, 6603-0793

TEST REPORT

Customer : MDX Public Co.,Ltd.**
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**
Sampling Source : Ground Water** Sample No. : W 66010415, W 66030680
Sample Name : น้ำเนื้ไร** Sampling Date : 06/01/2023, 03/03/2023**
Sampling By : ETC** Sampling Time : 2:00 PM, 11:20 AM**
Sampling Method : Grab** Received Date : 02/07/2022, 04/03/2023
Tested Date : 09/01/2023 – 19/01/2023 Reported Date : 22/03/2023

Parameter	Unit	Method	Result	Standard ^{/2}	Standard ^{/1}
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	None	< 0.01
Chloride *	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	9.0	≤ 250	-
Coliform Bacteria * ^{/3}	MPN:100 ml	MPN Test Method (SM:9221B)	ND	Less than 2.2	-
Copper @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 1	≤ 1
Iron @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04	≤ 0.5	-
Lead @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	None	< 0.01

Physical Appearance : 1. Sample : 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. W66030680 : Sampling Date 03/03/2023 (11:20 AM) : Tested Date 04/03/2023 – 11/03/2023
4. Parameter Outside The Scope of The Registration of Department of Industrial Works
5. @ = 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
6. Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ก-5637)*
8. MDL = Method Detection Limit [MDL of Coliform Bacteria = 1.8 MPN:100 ml] / ND = Not Detected



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Mr. Kawee Suthasub)

22 / 03 / 2023

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Request No. W6601090, W6603124

Report No. 6601-1451-1, 6603-0793

TEST REPORT

Customer : MDX Public Co.,Ltd.**
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110**
Sampling Source : Ground Water** Sample No. : W 66010415, W 66030680
Sample Name : บ้านเนินไร่** Sampling Date : 06/01/2023, 03/03/2023**
Sampling By : ETC** Sampling Time : 2:00 PM, 11:20 AM**
Sampling Method : Grab** Received Date : 02/07/2022, 04/03/2023
Tested Date : 09/01/2023 – 19/01/2023 Reported Date : 22/03/2023

Parameter	Unit	Method	Result	Standard ^{1/2}	Standard ^{1/1}
M-Alkalinity *	mg/l as CaCO ₃	Titration Method (SM:2320B)	71.7	-	-
Mercury *	mg/l	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	None	< 0.01
pH (on site) *		Electrometric Method	6.6	7.0-8.5	-
Temperature *	°C	Laboratory and Field Method	29	-	-
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	148	≤ 600	-
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	< 5	-	-
Turbidity *	NTU	Nephelometric Method (SM:2130B)	0.32	≤ 5	-

Physical Apperance : 1. Sample : 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. W66030680 : Sampling Date 03/03/2023 (11:20 AM) : Tested Date 04/03/2023 – 11/03/2023
4. Parameter Outside The Scope of The Registration of Department of Industrial Works
5. @ = 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
6. Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data
7. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ก-5637)*
8. MDL = Method Detection Limit [MDL of Coliform Bacteria = 1.8 MPN:100 ml] / ND = Not Detected

SUPPLEMENT TO TEST REPORT NO. 6601-1451



Examined By.....

(Mr. Kawee Suthasub)

22 / 03 / 2023

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Test Report

Request No : W6601090

Report No : 6601-1452

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : Ground Water**

Sample No : W 66010416

Sample Name : Monitoring Well**

Sampling Date : 06/01/2023**

Sampling By : ETC**

Sampling Time : 11:40 AM**

Sampling Method : Grab**

Received Date : 07/01/2023

Tested Date : 09/01/2023 - 19/01/2023

Reported Date : 23/01/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/l	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤ 0.01
Lead @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.01
Mercury *	mg/l	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.001
pH (on site) *		Electrometric Method	7.2	-

Physical Appearance : 1. Sample : orange, 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 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)


2. @ = ISO/IEC 17025:2017 Accredited by TISI, SM = Standard Methods for the Examination of Water and Wastewater,

APHA, AWWA, WEF, 23rd Edition, 2017.

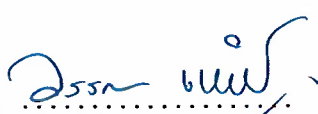
3. Miss Apiradee Chuen-arom is Section Head / Mrs. Wanpen Lhaochindawat is Technical Management.

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

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

Examined By : 
(Miss Apiradee Chuen-arom)
(1-003-1-4377)
23/01/2023



Approved By : 
(Mrs. Wanpen Lhaochindawat)
(1-003-1-2183)
23/01/2023

REPORTED BY: ETC 1992 CO., LTD. SUBMITTED: SAMPLES ONLY
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Test Report

Request No : W6601090

Report No : 6601 - 1452

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : Ground Water**

Sample No : W 66010416

Sample Name : Monitoring Well**

Sampling Date : 06/01/2023**

Sampling By : ETC**

Sampling Time : 11:40 AM**

Sampling Method : Grab**

Received Date : 07/01/2023

Tested Date : 09/01/2023 - 19/01/2023

Reported Date : 23/01/2023

Parameter	Unit	Method	Result	Standard ¹
Chloride *	mg/l as Cl ₂	Argentometric Method (SM:4500-Cl- B)	137	-
Copper @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
Iron @	mg/l	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.56	-
M-Alkalinity *	mg/l as CaCO ₃	Titration Method (SM:2320B)	736	-
Temperature *	°C	Laboratory and Field Method	29	-
Total Bacteria	colonies/cm ³	Pour Plate Count Method (SM:9215B)	46,000	-
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	600	-
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	121	-

Physical Apperance : 1. Sample : orange, 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 Ground Water Standard Notification of the National of Environment Board No. 20 , B.E. 2543 (2000)

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

4. Mrs. Wanpen Lhaochindawat is Technical Management.

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (๓-๐๐3-๓-5637)*

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



Examined By :

(Mrs. Wanpen Lhaochindawat)
23/01/2023

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Test Report

Request No : W6601090

Report No : 6601 - 1452

Customer : MDX Public Co.,Ltd.**

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

Sampling Source : Ground Water**

Sample No : W 66010416

Sample Name : Monitoring Well**

Sampling Date : 06/01/2023**

Sampling By : ETC**

Sampling Time : 11:40 AM**

Sampling Method : Grab**

Received Date : 07/01/2023

Tested Date : 09/01/2023 - 19/01/2023

Reported Date : 23/01/2023

Parameter	Unit	Method	Result	Standard ¹
Turbidity *	NTU	Nephelometric Method (SM:2130B)	480	-

Physical Apperance : 1. Sample : orange, turbid

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

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

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

4. Mrs. Wanpen Lhaochindawat is Technical Management.

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

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Examined By : 

(Mrs. Wanpen Lhaochindawat)
23/01/2023

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Test Report

Request No : W6603126

Report No : 6603-1322

Customer : MDX Public Co.,Ltd.

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

Sampling Source : MDX Public Co.,Ltd.

Sample No : W 66030684

Sample Name : ฝ้ายหนองมะฆาม

Sampling Date : 03/03/2023

Sampling By : ETC

Sampling Time : 12:00 PM

Sampling Method : Grab

Received Date : 04/03/2023

Tested Date : 08/03/2023 - 15/03/2023

Reported Date : 23/03/2023

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	4.09	≤ 36
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	2.23	≤ 23

Physical Apperance : 1. Sample : gray, sludge

2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

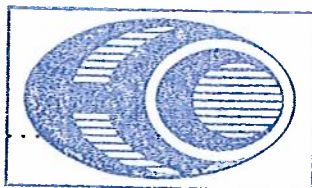
2. Sampling By Mr. Songpon Phiwuan (ว-003-ก-7279)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ก-4377)

23/03/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ก-2205)

23/03/2023

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Test Report

Request No : W6603126

Report No : 6603-1321

Customer : MDX Public Co.,Ltd.

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

Sampling Source : MDX Public Co.,Ltd.

Sample No : W 66030683

Sample Name : ฝ้ายคลองวังด้วน

Sampling Date : 03/03/2023

Sampling By : ETC

Sampling Time : 11:40 AM

Sampling Method : Grab

Received Date : 04/03/2023

Tested Date : 08/03/2023 - 15/03/2023

Reported Date : 23/03/2023

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	7.60	≤36
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	6.94	≤23

Physical Appearance : 1. Sample : black, sludge

2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

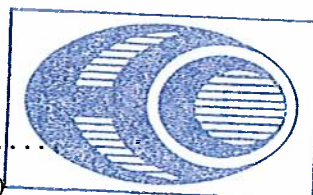
2. Sampling By Mr. Songpon Phiwuan (ว-003-ก-7279)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ก-4377)

23/03/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ก-2205)

23/03/2023

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