

ภาคผนวกที่ 1

ผลการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม

Request No. LA66-0733

Report No. 6608-0036

## 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 : 20/07/2023 SAMPLE NO. : 03984-03985  
 RECEIVED DATE : 26/07/2023 SAMPLING TIME : 09:20-10:00  
 TESTED DATE : 26/07/2023 – 01/08/2023 REPORTED DATE : 04/08/2023

## STACK DESCRIPTION

Height:	21.00	m	Type Of Process :	Combustion
Diameter:	0.70	m	Type Of Fuel :	LPG
Temperature:	147.00	°C	Operation Capacity :	400-500 Kg/hr.
Air Velocity:	7.52	m/s	Oxygen Content :	17.20 %
Flow rate <sup>2</sup> :	1.89	m <sup>3</sup> /s	Barometric Pressure :	757.75 mmHg
Moisture Content:	7.58	%	Atmospheric Temperature :	32.00 °C

PARAMETER*	TEST METHOD	TIME	RESULT <sup>2</sup>		STD <sup>1</sup>	UNIT
			17.20 % O <sub>2</sub>	7 % O <sub>2</sub>		
Particulate (TSP)	Isokinetic, Gravimetric	09:20-10:00	28.8	108.2	400	mg/m <sup>3</sup>
Sulfur Dioxide (SO <sub>2</sub> )	Absorption, Barium Thorin Titrimetric	09:20-09:50	<3.4 <1.3	<3.4 <sup>3</sup> <1.3 <sup>3</sup>	78.5 30	mg/m <sup>3</sup> ppm

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

\* SAMPLING BY MR. TEERAPONG NAULIN (จ-003-ค-5620)

Examined By

(MISS APIRADEE CHUEN-AROM)

(จ-003-ค-4377)

04/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(MR. THONGCHAI BOONSAK)

(จ-003-ค-5618)

04/08/2023

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Request No. ATR6607066

Report No. 6607-0762 - 6607-0764

## 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 : 27/07/2023 SAMPLE NO. : A66070762 - A66070764  
TESTED DATE : 27/07/2023-01/08/2023 REPORTED DATE : 04/08/2023

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD <sup>1</sup>	UNIT
Total Suspended Particulate (TSP)	Gravimetric Method	19-20/07/2023	0.058	0.33	mg/m <sup>3</sup>
		20-21/07/2023	0.035	0.33	mg/m <sup>3</sup>
		21-22/07/2023	0.030	0.33	mg/m <sup>3</sup>

## REMARK:

<sup>1</sup> Notification of The National Environmental Board Volume 24 B.E.2547 (2004) Standard for 24-hr Average.

\* Parameter not have License Registration of Department of Labour Protection and Welfare.

(Sampling By Mr. Tunmarat Photankhum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 

(Miss Thanatporn Klinsoopon)

04/08/2023

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Request No. ATR6607066

Report No. 6607-0765 - 6607-0767

## 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 : 27/07/2023 SAMPLE NO. : A66070765 - A66070767  
TESTED DATE : 27/07/2023-01/08/2023 REPORTED DATE : 04/08/2023

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD <sup>1/</sup>	UNIT
Total Suspended Particulate (TSP)	Gravimetric Method	19-20/07/2023	0.032	0.33	mg/m <sup>3</sup>
		20-21/07/2023	0.026	0.33	mg/m <sup>3</sup>
		21-22/07/2023	0.023	0.33	mg/m <sup>3</sup>

## REMARK:

<sup>1/</sup> Notification of The National Environmental Board Volume 24 B.E.2547 (2004) Standard for 24-hr Average.

\* Parameter not have License Registration of Department of Labour Protection and Welfare.

(Sampling By Mr. Tummarat Photankhum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By



(Miss Thanatporn Klinsoon)

04/08/2023

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Request No. ATR6607066

Report No. 6607-0768 - 6607-0770

## 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 : 27/07/2023 SAMPLE NO. : A66070768 - A66070770  
TESTED DATE : 27/07/2023-01/08/2023 REPORTED DATE : 04/08/2023

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD <sup>1)</sup>	UNIT
Total Suspended Particulate (TSP)	Gravimetric Method	19-20/07/2023	0.036	0.33	mg/m <sup>3</sup>
		20-21/07/2023	0.027	0.33	mg/m <sup>3</sup>
		21-22/07/2023	0.025	0.33	mg/m <sup>3</sup>

**REMARK:** <sup>1)</sup> Notification of The National Environmental Board Volume 24 B.E.2547 (2004) Standard for 24-hr Average.  
\* Parameter not have License Registration of Department of Labour Protection and Welfare.  
(Sampling By Mr. Tummarat Photankhum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 

(Miss Thanatporn Klinsohon)

04/08/2023

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Request No. ATR6607066

Report No. 6607-0771 - 6607-0773

## 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 : 27/07/2023 SAMPLE NO. : A66070771 - A66070773  
TESTED DATE : 27/07/2023-01/08/2023 REPORTED DATE : 04/08/2023

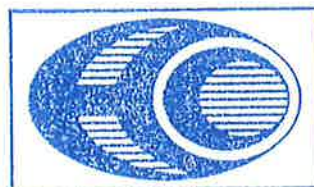
PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD <sup>1</sup>	UNIT
Total Suspended Particulate (TSP)	Gravimetric Method	19-20/07/2023	0.057	0.33	mg/m <sup>3</sup>
		20-21/07/2023	0.044	0.33	mg/m <sup>3</sup>
		21-22/07/2023	0.037	0.33	mg/m <sup>3</sup>

## REMARK:

<sup>1</sup> Notification of The National Environmental Board Volume 24 B.E.2547 (2004) Standard for 24-hr Average.

\* Parameter not have License Registration of Department of Labour Protection and Welfare.

(Sampling By Mr. Tummarat Photankhum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....

(Miss Thanatporn Klinsoon)

04/08/2023

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# บริษัท อีสเทิร์น ไทย คอนซัลติง 1992 จำกัด

683 หมู่ 11 ถ.สุขาภิบาล 8 ต.หนองขาม อ.ศรีราชา จ.ชลบุรี 20230  
โทร. 0-3848-1197, 0-3876-3031-2 แฟกซ์ : 0-3848-2095  
เว็บไซต์ : <http://www.etc1992.com> อี-เมล : [info@etc1992.com](mailto:info@etc1992.com)



# EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230  
Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095  
Website : <http://www.etc1992.com> E-mail : [info@etc1992.com](mailto:info@etc1992.com)

Request No. LA66-R0773

Report No. R6607-3755 - R6607-3757

## 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. : 20941-20943  
SAMPLING DATE : 19-22/07/2023  
RECEIVED DATE : 22/07/2023  
REPORTED DATE : 27/07/2023

TIME / DATE	19-20/07/2023	20-21/07/2023	21-22/07/2023	UNIT
10:00 - 11:00 <sup>13</sup>	0.002	0.004	0.005	ppm
11:00 - 12:00	0.001	0.005	0.006	ppm
12:00 - 13:00	0.002	0.003	0.004	ppm
13:00 - 14:00	0.002	0.003	0.005	ppm
14:00 - 15:00	0.001	0.003	0.005	ppm
15:00 - 16:00	0.002	0.003	0.005	ppm
16:00 - 17:00	0.002	0.003	0.005	ppm
17:00 - 18:00	0.002	0.003	0.005	ppm
18:00 - 19:00	0.002	0.003	0.006	ppm
19:00 - 20:00	0.004	0.004	0.006	ppm
20:00 - 21:00	0.002	0.003	0.005	ppm
21:00 - 22:00	0.003	0.004	0.006	ppm
22:00 - 23:00	0.003	0.004	0.006	ppm
23:00 - 00:00	0.003	0.003	0.006	ppm
00:00 - 01:00	0.003	0.004	0.006	ppm
01:00 - 02:00	0.003	0.003	0.005	ppm
02:00 - 03:00	0.004	0.004	0.005	ppm
03:00 - 04:00	0.004	0.004	0.006	ppm
04:00 - 05:00	0.003	0.003	0.005	ppm
05:00 - 06:00	0.004	0.004	0.006	ppm
06:00 - 07:00	0.004	0.003	0.005	ppm
07:00 - 08:00	0.004	0.002	0.006	ppm
08:00 - 09:00	0.004	0.003	0.006	ppm
09:00 - 10:00	0.004	0.004	0.006	ppm
Maximum 1 hr.	0.004	0.005	0.006	ppm
Average 24 hr.	0.003	0.003	0.005	ppm
Standard (1 hr.) <sup>11</sup>	0.30	0.30	0.30	ppm
Standard (Average 24 hr.) <sup>12</sup>	0.12	0.12	0.12	ppm

REMARK : <sup>11</sup> Notification of The National Environmental Board Volume 12 B.E. 2538 (1995) and Volume 21 B.E. 2544 (2001)  
<sup>12</sup> Notification of The National Environmental Board Volume 24 B.E. 2547 (2004) <sup>13</sup> Start Time  
\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Tummarut Phasangkhum)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By   
(MS. THANATPORN KLINSOPON)

27/07/2023

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Request No. LA66-R0773

Report No. R6607-3767 - R6607-3769

## 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 : Horiba Model APSA-370 S/N 3XLWFYVJ

SAMPLE NO. : 20953-20955  
SAMPLING DATE : 19-22/07/2023  
RECEIVED DATE : 22/07/2023  
REPORTED DATE : 27/07/2023

TIME / DATE	19-20/07/2023	20-21/07/2023	21-22/07/2023	UNIT
12:00 - 13:00 <sup>3</sup>	0.003	0.003	0.003	ppm
13:00 - 14:00	0.003	0.003	0.003	ppm
14:00 - 15:00	0.003	0.003	0.003	ppm
15:00 - 16:00	0.003	0.003	0.003	ppm
16:00 - 17:00	0.003	0.003	0.003	ppm
17:00 - 18:00	0.003	0.003	0.003	ppm
18:00 - 19:00	0.003	0.003	0.003	ppm
19:00 - 20:00	0.003	0.003	0.003	ppm
20:00 - 21:00	0.003	0.003	0.003	ppm
21:00 - 22:00	0.003	0.003	0.003	ppm
22:00 - 23:00	0.003	0.003	0.003	ppm
23:00 - 00:00	0.003	0.003	0.003	ppm
00:00 - 01:00	0.003	0.003	0.003	ppm
01:00 - 02:00	0.003	0.003	0.003	ppm
02:00 - 03:00	0.003	0.003	0.003	ppm
03:00 - 04:00	0.003	0.003	0.003	ppm
04:00 - 05:00	0.003	0.003	0.003	ppm
05:00 - 06:00	0.003	0.003	0.003	ppm
06:00 - 07:00	0.003	0.003	0.003	ppm
07:00 - 08:00	0.003	0.003	0.003	ppm
08:00 - 09:00	0.003	0.003	0.002	ppm
09:00 - 10:00	0.003	0.003	0.003	ppm
10:00 - 11:00	0.003	0.003	0.003	ppm
11:00 - 12:00	0.003	0.003	0.003	ppm
Maximum 1 hr.	0.003	0.003	0.003	ppm
Average 24 hr.	0.003	0.003	0.003	ppm
Standard (1 hr.) <sup>1/1</sup>	0.30	0.30	0.30	ppm
Standard (Average 24 hr.) <sup>1/2</sup>	0.12	0.12	0.12	ppm

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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(MS. THANATPORN KLINSOPON)

27/07/2023

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Request No. LA66-R0773

Report No. R6607-3749 - R6607-3751

## 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

SAMPLE NO. : 20935-20937

PARAMETER\* : Sulfur Dioxide

SAMPLING DATE : 19-22/07/2023

DETERMINATION METHOD : UV-Fluorescence

RECEIVED DATE : 22/07/2023

INSTRUMENT : API Model M100E S/N 603

REPORTED DATE : 27/07/2023

TIME / DATE	19-20/07/2023	20-21/07/2023	21-22/07/2023	UNIT
13:00 - 14:00 <sup>3</sup>	0.033	0.034	0.034	ppm
14:00 - 15:00	0.033	0.034	0.034	ppm
15:00 - 16:00	0.034	0.035	0.034	ppm
16:00 - 17:00	0.034	0.035	0.034	ppm
17:00 - 18:00	0.034	0.034	0.034	ppm
18:00 - 19:00	0.034	0.034	0.034	ppm
19:00 - 20:00	0.034	0.034	0.034	ppm
20:00 - 21:00	0.034	0.034	0.034	ppm
21:00 - 22:00	0.034	0.034	0.034	ppm
22:00 - 23:00	0.034	0.034	0.034	ppm
23:00 - 00:00	0.034	0.034	0.034	ppm
00:00 - 01:00	0.034	0.034	0.034	ppm
01:00 - 02:00	0.034	0.034	0.034	ppm
02:00 - 03:00	0.034	0.034	0.034	ppm
03:00 - 04:00	0.034	0.034	0.033	ppm
04:00 - 05:00	0.034	0.034	0.034	ppm
05:00 - 06:00	0.034	0.034	0.034	ppm
06:00 - 07:00	0.034	0.034	0.034	ppm
07:00 - 08:00	0.034	0.034	0.034	ppm
08:00 - 09:00	0.034	0.034	0.037	ppm
09:00 - 10:00	0.034	0.034	0.034	ppm
10:00 - 11:00	0.034	0.034	0.034	ppm
11:00 - 12:00	0.035	0.034	0.034	ppm
12:00 - 13:00	0.035	0.034	0.034	ppm
Maximum 1 hr.	0.035	0.035	0.037	ppm
Average 24 hr.	0.034	0.034	0.034	ppm
Standard (1 hr.) <sup>1</sup>	0.30	0.30	0.30	ppm
Standard (Average 24 hr.) <sup>2</sup>	0.12	0.12	0.12	ppm

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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(MS. THANATPORN KLINSOPON)

27/07/2023

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Request No. LA66-R0773

Report No. R6607-3761 - R6607-3763

## 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 T100 S/N 5701

SAMPLE NO. : 20947-20949  
SAMPLING DATE : 19-22/07/2023  
RECEIVED DATE : 22/07/2023  
REPORTED DATE : 27/07/2023

TIME / DATE	19-20/07/2023	20-21/07/2023	21-22/07/2023	UNIT
11:00 - 12:00 <sup>13</sup>	0.016	0.007	0.030	ppm
12:00 - 13:00	0.035	0.007	0.030	ppm
13:00 - 14:00	0.042	0.006	0.029	ppm
14:00 - 15:00	0.043	0.006	0.031	ppm
15:00 - 16:00	0.042	0.006	0.031	ppm
16:00 - 17:00	0.039	0.006	0.029	ppm
17:00 - 18:00	0.033	0.005	0.029	ppm
18:00 - 19:00	0.030	0.005	0.029	ppm
19:00 - 20:00	0.028	0.012	0.028	ppm
20:00 - 21:00	0.023	0.007	0.027	ppm
21:00 - 22:00	0.022	0.025	0.024	ppm
22:00 - 23:00	0.020	0.030	0.022	ppm
23:00 - 00:00	0.018	0.030	0.019	ppm
00:00 - 01:00	0.015	0.030	0.016	ppm
01:00 - 02:00	0.014	0.030	0.011	ppm
02:00 - 03:00	0.013	0.030	0.008	ppm
03:00 - 04:00	0.012	0.030	0.005	ppm
04:00 - 05:00	0.011	0.030	0.002	ppm
05:00 - 06:00	0.010	0.028	0.001	ppm
06:00 - 07:00	0.009	0.027	0.004	ppm
07:00 - 08:00	0.009	0.028	0.006	ppm
08:00 - 09:00	0.006	0.029	0.008	ppm
09:00 - 10:00	0.006	0.029	0.008	ppm
10:00 - 11:00	0.007	0.029	0.007	ppm
Maximum 1 hr.	0.043	0.030	0.031	ppm
Average 24 hr.	0.021	0.020	0.018	ppm
Standard (1 hr.) <sup>1</sup>	0.30	0.30	0.30	ppm
Standard (Average 24 hr.) <sup>2</sup>	0.12	0.12	0.12	ppm

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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(MS. THANATPORN KLINSOPON)

27/07/2023

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Request No. LA66-R0773

Report No. R6607-3758 - R6607-3760

## 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 6756

SAMPLE NO. : 20944-20946  
SAMPLING DATE : 19-22/07/2023  
RECEIVED DATE : 22/07/2023  
REPORTED DATE : 27/07/2023

TIME / DATE	19-20/07/2023	20-21/07/2023	21-22/07/2023	UNIT
10:00 - 11:00 <sup>1/2</sup>	0.002	0.003	0.003	ppm
11:00 - 12:00	0.001	0.003	0.003	ppm
12:00 - 13:00	0.003	0.002	0.002	ppm
13:00 - 14:00	0.002	0.002	0.002	ppm
14:00 - 15:00	0.001	0.002	0.002	ppm
15:00 - 16:00	0.001	0.002	0.002	ppm
16:00 - 17:00	0.001	0.002	0.002	ppm
17:00 - 18:00	0.002	0.002	0.002	ppm
18:00 - 19:00	0.002	0.003	0.002	ppm
19:00 - 20:00	0.003	0.002	0.004	ppm
20:00 - 21:00	0.005	0.001	0.004	ppm
21:00 - 22:00	0.005	0.002	0.003	ppm
22:00 - 23:00	0.002	0.002	0.002	ppm
23:00 - 00:00	0.002	0.002	0.001	ppm
00:00 - 01:00	0.002	0.001	0.001	ppm
01:00 - 02:00	0.002	0.001	0.003	ppm
02:00 - 03:00	0.004	0.002	0.003	ppm
03:00 - 04:00	0.004	0.003	0.002	ppm
04:00 - 05:00	0.003	0.002	0.002	ppm
05:00 - 06:00	0.003	0.002	0.002	ppm
06:00 - 07:00	0.002	0.003	0.002	ppm
07:00 - 08:00	0.003	0.003	0.002	ppm
08:00 - 09:00	0.004	0.002	0.002	ppm
09:00 - 10:00	0.005	0.002	0.001	ppm
Maximum 1 hr.	0.005	0.003	0.004	ppm
Average 24 hr.	0.003	0.002	0.002	ppm
Standard (1 hr.) <sup>1/1</sup>	0.17	0.17	0.17	ppm

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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(MS. THANATPORN KLINSOPON)

27/07/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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COPY

Request No. LA66-R0773

Report No. R6607-3770 - R6607-3772

## TEST REPORT

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

SAMPLE NO. : 20956-20958  
SAMPLING DATE : 19-22/07/2023  
RECEIVED DATE : 22/07/2023  
REPORTED DATE : 27/07/2023

TIME / DATE	19-20/07/2023	20-21/07/2023	21-22/07/2023	UNIT
12:00 - 13:00 <sup>12</sup>	0.003	0.005	0.004	ppm
13:00 - 14:00	0.003	0.005	0.004	ppm
14:00 - 15:00	0.003	0.005	0.004	ppm
15:00 - 16:00	0.006	0.005	0.004	ppm
16:00 - 17:00	0.006	0.005	0.004	ppm
17:00 - 18:00	0.005	0.004	0.004	ppm
18:00 - 19:00	0.007	0.005	0.005	ppm
19:00 - 20:00	0.009	0.005	0.005	ppm
20:00 - 21:00	0.007	0.004	0.005	ppm
21:00 - 22:00	0.006	0.004	0.004	ppm
22:00 - 23:00	0.006	0.003	0.002	ppm
23:00 - 00:00	0.005	0.003	0.001	ppm
00:00 - 01:00	0.006	0.002	0.001	ppm
01:00 - 02:00	0.007	0.001	0.002	ppm
02:00 - 03:00	0.005	0.001	0.003	ppm
03:00 - 04:00	0.004	0.001	0.002	ppm
04:00 - 05:00	0.004	0.002	0.001	ppm
05:00 - 06:00	0.003	0.002	0.002	ppm
06:00 - 07:00	0.003	0.002	0.003	ppm
07:00 - 08:00	0.004	0.003	0.003	ppm
08:00 - 09:00	0.005	0.004	0.002	ppm
09:00 - 10:00	0.005	0.003	0.002	ppm
10:00 - 11:00	0.004	0.003	0.001	ppm
11:00 - 12:00	0.003	0.003	0.001	ppm
Maximum 1 hr.	0.009	0.005	0.005	ppm
Average 24 hr.	0.005	0.003	0.003	ppm
Standard (1 hr.) <sup>11</sup>	0.17	0.17	0.17	ppm

REMARK : <sup>11</sup> Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)<sup>12</sup> Start Time\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Tummarut Phanichum)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(MS. THANATPORN KLINSOPON)

27/07/2023

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Request No. LA66-R0773

Report No. R6607-3752 - R6607-3754

## 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 6757

SAMPLE NO. : 20938-20940  
SAMPLING DATE : 19-22/07/2023  
RECEIVED DATE : 22/07/2023  
REPORTED DATE : 27/07/2023

TIME / DATE	19-20/07/2023	20-21/07/2023	21-22/07/2023	UNIT
13:00 - 14:00 <sup>1/2</sup>	0.009	0.005	0.004	ppm
14:00 - 15:00	0.009	0.007	0.005	ppm
15:00 - 16:00	0.015	0.006	0.005	ppm
16:00 - 17:00	0.009	0.006	0.005	ppm
17:00 - 18:00	0.006	0.006	0.006	ppm
18:00 - 19:00	0.005	0.003	0.006	ppm
19:00 - 20:00	0.005	0.004	0.005	ppm
20:00 - 21:00	0.008	0.004	0.006	ppm
21:00 - 22:00	0.010	0.005	0.006	ppm
22:00 - 23:00	0.009	0.003	0.003	ppm
23:00 - 00:00	0.008	0.003	0.001	ppm
00:00 - 01:00	0.007	0.004	0.002	ppm
01:00 - 02:00	0.008	0.003	0.004	ppm
02:00 - 03:00	0.009	0.002	0.004	ppm
03:00 - 04:00	0.008	0.002	0.003	ppm
04:00 - 05:00	0.007	0.004	0.002	ppm
05:00 - 06:00	0.008	0.004	0.002	ppm
06:00 - 07:00	0.008	0.004	0.003	ppm
07:00 - 08:00	0.007	0.003	0.003	ppm
08:00 - 09:00	0.007	0.004	0.002	ppm
09:00 - 10:00	0.009	0.004	0.002	ppm
10:00 - 11:00	0.012	0.005	0.003	ppm
11:00 - 12:00	0.009	0.004	0.002	ppm
12:00 - 13:00	0.008	0.004	0.004	ppm
Maximum 1 hr.	0.015	0.007	0.006	ppm
Average 24 hr.	0.008	0.004	0.004	ppm
Standard (1 hr.) <sup>1/1</sup>	0.17	0.17	0.17	ppm

REMARK : <sup>1/1</sup> Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)<sup>1/2</sup> Start Time\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Tummarat Pholankhuan)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

27/07/2023

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Request No. LA66-R0773

Report No. R6607-3764 - R6607-3766

## 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. : 20950-20952  
SAMPLING DATE : 19-22/07/2023  
RECEIVED DATE : 22/07/2023  
REPORTED DATE : 27/07/2023

TIME / DATE	19-20/07/2023	20-21/07/2023	21-22/07/2023	UNIT
11:00 - 12:00 <sup>/2</sup>	0.003	0.006	0.004	ppm
12:00 - 13:00	0.004	0.007	0.003	ppm
13:00 - 14:00	0.003	0.006	0.004	ppm
14:00 - 15:00	0.004	0.005	0.004	ppm
15:00 - 16:00	0.003	0.005	0.004	ppm
16:00 - 17:00	0.003	0.004	0.005	ppm
17:00 - 18:00	0.004	0.004	0.006	ppm
18:00 - 19:00	0.006	0.003	0.005	ppm
19:00 - 20:00	0.006	0.005	0.006	ppm
20:00 - 21:00	0.008	0.005	0.006	ppm
21:00 - 22:00	0.007	0.004	0.003	ppm
22:00 - 23:00	0.008	0.004	0.001	ppm
23:00 - 00:00	0.007	0.003	0.002	ppm
00:00 - 01:00	0.006	0.002	0.004	ppm
01:00 - 02:00	0.007	0.002	0.003	ppm
02:00 - 03:00	0.009	0.002	0.003	ppm
03:00 - 04:00	0.007	0.003	0.003	ppm
04:00 - 05:00	0.008	0.003	0.002	ppm
05:00 - 06:00	0.007	0.004	0.002	ppm
06:00 - 07:00	0.007	0.003	0.002	ppm
07:00 - 08:00	0.006	0.003	0.001	ppm
08:00 - 09:00	0.008	0.002	0.001	ppm
09:00 - 10:00	0.009	0.003	0.002	ppm
10:00 - 11:00	0.005	0.003	0.002	ppm
Maximum 1 hr.	0.009	0.007	0.006	ppm
Average 24 hr.	0.006	0.004	0.003	ppm
Standard (1 hr.) <sup>/1</sup>	0.17	0.17	0.17	ppm

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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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WITHOUT THE WRITTEN APPROVAL LABORATORY

Approved By

(MS. THANATPORN KLINSOPON)

27/07/2023

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## Wind Speed &amp; Wind Direction

Request No. LA66-R0773

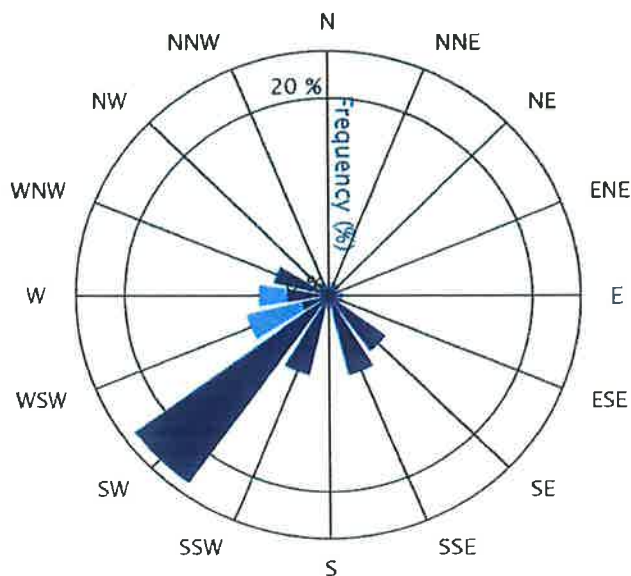
MDX Public Co., Ltd.

Sample No. 20968

Sampling Source : บ้านไผ่ล้อม

Sampling Date : July 19-22, 2023

Calm 23.6 %



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

WD/WS	Percentage of Occurrence of Wind Direct Grouped in Various Wind Speed						Total
	0.4-1.9 m/s	2.0-3.9 m/s	4.0-5.9 m/s	6.0-7.9 m/s	8.0-9.9 m/s	> 9.9 m/s	
N	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	1.4	0.0	0.0	0.0	0.0	0.0	1.4
NE	1.4	0.0	0.0	0.0	0.0	0.0	1.4
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	1.4	0.0	0.0	0.0	0.0	0.0	1.4
ESE	1.4	0.0	0.0	0.0	0.0	0.0	1.4
SE	6.9	0.0	0.0	0.0	0.0	0.0	6.9
SSE	8.3	0.0	0.0	0.0	0.0	0.0	8.3
S	1.4	0.0	0.0	0.0	0.0	0.0	1.4
SSW	8.3	0.0	0.0	0.0	0.0	0.0	8.3
SW	23.6	0.0	0.0	0.0	0.0	0.0	23.6
WSW	2.8	5.6	0.0	0.0	0.0	0.0	8.4
W	4.2	2.8	0.0	0.0	0.0	0.0	7.0
WNW	5.6	0.0	0.0	0.0	0.0	0.0	5.6
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	1.4	0.0	0.0	0.0	0.0	0.0	1.4
Calm	23.6						

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## Wind Speed &amp; Wind Direction

Request No. LA66-R0773

MDX Public Co., Ltd.

Sample No. 20968

Sampling Source : บ้านไผ่ล้อม

Sampling Date : July 19-22, 2023

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

## Wind Speed &amp; Wind Direction

Request No. LA66-R0773

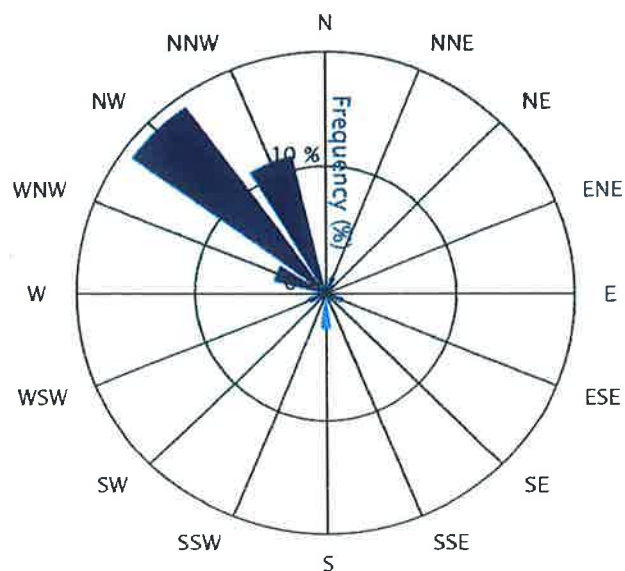
MDX Public Co., Ltd.

Sample No. 20966

Sampling Source : บ้านเนินไร่

Sampling Date : July 19-22, 2023

Calm 59.7 %



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	1.4	0.0	0.0	0.0	0.0	0.0	1.4
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	1.4	0.0	0.0	0.0	0.0	0.0	1.4
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	2.8	0.0	0.0	0.0	0.0	2.8
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	1.4	0.0	0.0	0.0	0.0	0.0	1.4
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	4.2	0.0	0.0	0.0	0.0	0.0	4.2
NW	18.1	0.0	0.0	0.0	0.0	0.0	18.1
NNW	11.1	0.0	0.0	0.0	0.0	0.0	11.1
Calm	59.7						

## Wind Speed &amp; Wind Direction

Request No. LA66-R0773

MDX Public Co., Ltd.

Sample No. 20966

Sampling Source : บ้านเนินไร่

Sampling Date : July 19-22, 2023

Time	July 19-20, 2023		July 20-21, 2023		July 21-22, 2023	
	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction
12:00-13:00	2.2	S	0.9	NNE	0.4	NW
13:00-14:00	3.1	S	0.4	NW	0.4	WNW
14:00-15:00	1.8	NW	0.4	NNW	0.4	NNW
15:00-16:00	1.8	NW	0.4	NNW	0.9	NNW
16:00-17:00	1.3	NW	0.4	NNW	0.9	NNW
17:00-18:00	0.9	NNW	0.4	NW	0.9	NNW
18:00-19:00	0.9	NW	0.4	WNW	0.4	NW
19:00-20:00	0.4	NW	0.0	-	0.4	NW
20:00-21:00	0.0	-	0.4	NW	0.0	-
21:00-22:00	0.0	-	0.4	NW	0.0	-
22:00-23:00	0.0	-	0.0	-	0.0	-
23:00-00:00	0.0	-	0.0	-	0.0	-
00:00-01:00	0.0	-	0.0	-	0.0	-
01:00-02:00	0.0	-	0.4	WSW	0.0	-
02:00-03:00	0.0	-	0.0	-	0.0	-
03:00-04:00	0.0	-	0.0	-	0.0	-
04:00-05:00	0.0	-	0.0	-	0.0	-
05:00-06:00	0.0	-	0.0	-	0.0	-
06:00-07:00	0.0	-	0.0	-	0.0	-
07:00-08:00	0.0	-	0.0	-	0.0	-
08:00-09:00	0.0	-	0.0	-	0.0	-
09:00-10:00	0.0	-	0.0	-	0.0	-
10:00-11:00	0.0	-	0.0	-	0.0	-
11:00-12:00	0.4	WNW	0.4	ESE	0.4	NW



## Wind Speed & Wind Direction

Request No. LA66-R0773

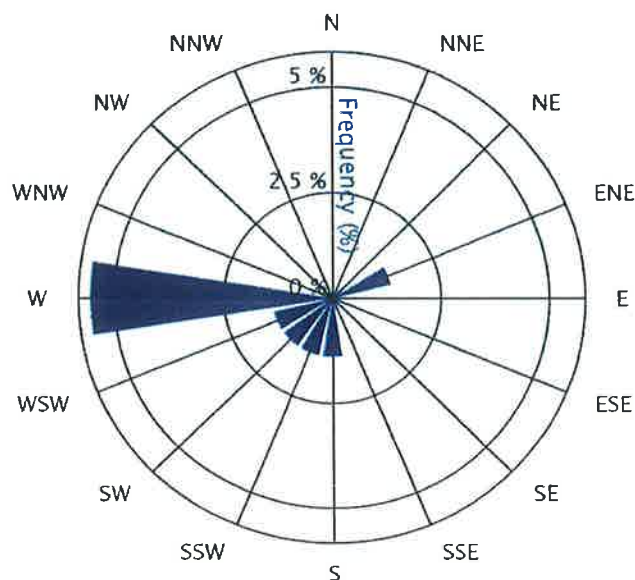
MDX Public Co., Ltd.

Sample No. 20965

Sampling Source : บ้านแปลงยาวบน

Sampling Date : July 19-22, 2023

Calm 87.5 %



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/VS	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	1.4	0.0	0.0	0.0	0.0	0.0	1.4
SSW	1.4	0.0	0.0	0.0	0.0	0.0	1.4
SW	1.4	0.0	0.0	0.0	0.0	0.0	1.4
WSW	1.4	0.0	0.0	0.0	0.0	0.0	1.4
W	5.6	0.0	0.0	0.0	0.0	0.0	5.6
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	87.5						



## Wind Speed &amp; Wind Direction

Request No. LA66-R0773

MDX Public Co., Ltd.

Sample No. 20965

Sampling Source : บ้านแปลงยาวบน

Sampling Date : July 19-22, 2023

Time	July 19-20, 2023		July 20-21, 2023		July 21-22, 2023	
	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction
13:00-14:00	0.4	W	0.0	-	0.4	SSW
14:00-15:00	0.4	W	0.4	ENE	0.4	SW
15:00-16:00	0.4	W	0.0	-	0.4	WSW
16:00-17:00	0.4	W	0.0	-	0.0	-
17:00-18:00	0.0	-	0.0	-	0.0	-
18:00-19:00	0.0	-	0.0	-	0.0	-
19:00-20:00	0.0	-	0.0	-	0.0	-
20:00-21:00	0.0	-	0.0	-	0.0	-
21:00-22:00	0.0	-	0.0	-	0.0	-
22:00-23:00	0.0	-	0.0	-	0.0	-
23:00-00:00	0.0	-	0.0	-	0.4	S
00:00-01:00	0.0	-	0.0	-	0.0	-
01:00-02:00	0.0	-	0.0	-	0.0	-
02:00-03:00	0.0	-	0.0	-	0.0	-
03:00-04:00	0.0	-	0.0	-	0.0	-
04:00-05:00	0.0	-	0.0	-	0.0	-
05:00-06:00	0.0	-	0.0	-	0.0	-
06:00-07:00	0.0	-	0.0	-	0.0	-
07:00-08:00	0.0	-	0.0	-	0.0	-
08:00-09:00	0.0	-	0.0	-	0.0	-
09:00-10:00	0.0	-	0.0	-	0.0	-
10:00-11:00	0.0	-	0.0	-	0.0	-
11:00-12:00	0.0	-	0.0	-	0.0	-
12:00-13:00	0.0	-	0.0	-	0.0	-



## Wind Speed &amp; Wind Direction

Request No. LA66-R0773

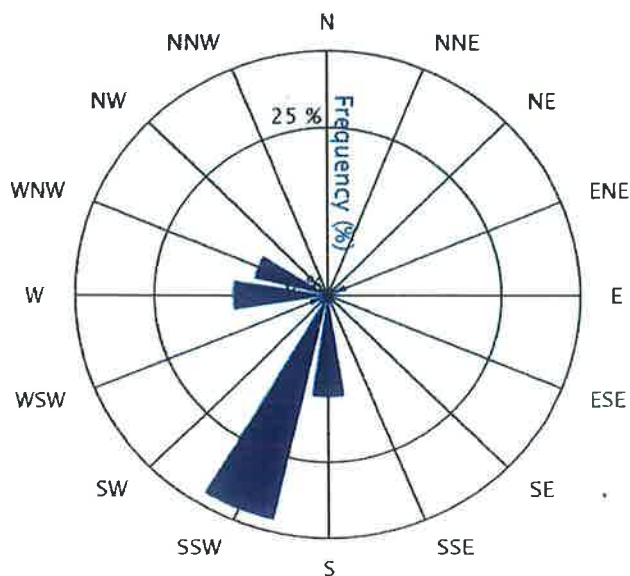
MDX Public Co., Ltd.

Sample No. 20967

Sampling Source : บ้านแปลงไม้แดง

Sampling Date : July 19-22, 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	2.8	0.0	0.0	0.0	0.0	0.0	2.8
E	1.4	0.0	0.0	0.0	0.0	0.0	1.4
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	1.4	0.0	0.0	0.0	0.0	0.0	1.4
S	15.3	0.0	0.0	0.0	0.0	0.0	15.3
SSW	34.7	0.0	0.0	0.0	0.0	0.0	34.7
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	2.8	0.0	0.0	0.0	0.0	0.0	2.8
W	13.9	0.0	0.0	0.0	0.0	0.0	13.9
WNW	11.1	0.0	0.0	0.0	0.0	0.0	11.1
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						

COPY

## Wind Speed &amp; Wind Direction

Request No. LA66-R0773

MDX Public Co., Ltd.

Sample No. 20967

Sampling Source : บ้านแปลงไม้แดง

Sampling Date : July 19-22, 2023

Time	July 19-20, 2023		July 20-21, 2023		July 21-22, 2023	
	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction
11:00-12:00	0.4	WNW	0.9	WNW	0.9	SSW
12:00-13:00	1.8	WNW	0.9	WNW	1.3	S
13:00-14:00	1.8	WNW	0.9	WNW	1.3	SSW
14:00-15:00	1.8	WNW	0.4	S	1.3	SSW
15:00-16:00	1.8	W	0.4	ENE	1.3	SSW
16:00-17:00	1.8	W	0.4	W	1.3	SSW
17:00-18:00	0.9	W	0.9	S	0.9	W
18:00-19:00	0.9	WSW	0.9	SSW	0.9	SSW
19:00-20:00	0.4	SSW	0.4	S	0.9	SSW
20:00-21:00	0.4	WSW	0.9	SSW	0.9	S
21:00-22:00	0.0	-	0.9	SSW	0.4	S
22:00-23:00	0.4	W	0.4	SSW	0.4	SSE
23:00-00:00	0.9	W	1.3	SSW	0.4	S
00:00-01:00	0.4	W	1.3	SSW	0.4	S
01:00-02:00	0.4	W	1.3	SSW	0.4	SSW
02:00-03:00	0.0	-	0.9	SSW	0.0	-
03:00-04:00	0.0	-	0.4	S	0.0	-
04:00-05:00	0.4	SSW	0.4	SSW	0.0	-
05:00-06:00	0.0	-	0.4	SSW	0.0	-
06:00-07:00	0.0	-	0.4	SSW	0.0	-
07:00-08:00	0.4	SSW	0.4	SSW	0.0	-
08:00-09:00	0.4	SSW	0.9	S	0.0	-
09:00-10:00	0.4	W	0.9	S	0.4	E
10:00-11:00	0.9	WNW	0.9	SSW	0.4	ENE

Request No. LA66-R0773

Report No. R6607-3773 - R6607-3775

## 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 (สถานีดาวเทียม)  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr. &  $L_{dn}$   
DETERMINATION METHOD : ISO 1996-1:2016  
INSTRUMENT : Integrated Sound Level Meter  
S/N 01120944 : Class 1

SAMPLE NO. : 20959-20961  
MEASURING DATE : 19-22/07/2023  
RECEIVED DATE : 22/07/2023  
REPORTED DATE : 27/07/2023

TIME \ DATE	19-20/07/2023 ( $L_{eq}$ )	20-21/07/2023 ( $L_{eq}$ )	21-22/07/2023 ( $L_{eq}$ )	UNIT
11:00 - 12:00 <sup>1/3</sup>	57.6	56.2	55.8	dB(A)
12:00 - 13:00	57.3	57.3	55.7	dB(A)
13:00 - 14:00	59.7	60.5	59.8	dB(A)
14:00 - 15:00	60.7	60.4	60.0	dB(A)
15:00 - 16:00	60.6	60.5	59.5	dB(A)
16:00 - 17:00	59.7	57.6	59.8	dB(A)
17:00 - 18:00	56.5	56.4	56.5	dB(A)
18:00 - 19:00	56.9	56.5	55.9	dB(A)
19:00 - 20:00	59.4	58.8	56.3	dB(A)
20:00 - 21:00	59.3	59.5	58.3	dB(A)
21:00 - 22:00	57.6	55.0	58.2	dB(A)
22:00 - 23:00	57.7	58.4	57.2	dB(A)
23:00 - 00:00	58.9	58.7	57.5	dB(A)
00:00 - 01:00	55.4	56.0	57.3	dB(A)
01:00 - 02:00	54.9	54.8	54.5	dB(A)
02:00 - 03:00	55.1	56.3	54.6	dB(A)
03:00 - 04:00	58.0	58.5	54.4	dB(A)
04:00 - 05:00	58.4	58.1	51.0	dB(A)
05:00 - 06:00	56.6	55.8	52.1	dB(A)
06:00 - 07:00	57.9	57.3	57.1	dB(A)
07:00 - 08:00	59.7	59.9	59.7	dB(A)
08:00 - 09:00	59.9	59.8	58.9	dB(A)
09:00 - 10:00	58.7	59.5	60.4	dB(A)
10:00 - 11:00	56.0	56.6	58.1	dB(A)
$L_{eq}$ 24 hr.	58.3	58.2	57.6	dB(A)
$L_{dn}$	63.9	63.9	62.6	dB(A)
Standard	70 <sup>1/1</sup> , 70 <sup>2/2</sup>	70 <sup>1/1</sup> , 70 <sup>2/2</sup>	70 <sup>1/1</sup> , 70 <sup>2/2</sup>	dB(A)

REMARK : <sup>1/</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)<sup>2/</sup> Notification of Ministry of the Industry B.E. 2548 (2005)


\* Parameter Outside The Scope of The Regulation of The Department of Industrial Works

(Measurement By Mr. Tummarut Phomakham)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

  
(MRS. WANPEN LHAOCHINDAWAT)

27/07/2023

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Request No. LA66-R0773

Report No. R6607-3776 - R6607-3778

## 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 01120947 : Class 1

SAMPLE NO. : 20962-20964

MEASURING DATE : 19-22/07/2023

RECEIVED DATE : 22/07/2023

REPORTED DATE : 27/07/2023

TIME \ DATE	19-20/07/2023 ( $L_{eq}$ )	20-21/07/2023 ( $L_{eq}$ )	21-22/07/2023 ( $L_{eq}$ )	UNIT
11:00 - 12:00 <sup>3</sup>	45.6	40.7	43.7	dB(A)
12:00 - 13:00	46.4	44.8	45.3	dB(A)
13:00 - 14:00	46.8	44.0	44.1	dB(A)
14:00 - 15:00	44.9	44.9	47.7	dB(A)
15:00 - 16:00	49.3	45.7	47.8	dB(A)
16:00 - 17:00	46.8	54.5	49.9	dB(A)
17:00 - 18:00	47.8	47.9	47.8	dB(A)
18:00 - 19:00	49.8	48.2	53.5	dB(A)
19:00 - 20:00	55.2	59.7	61.0	dB(A)
20:00 - 21:00	49.5	61.0	58.6	dB(A)
21:00 - 22:00	54.4	52.5	50.9	dB(A)
22:00 - 23:00	57.8	53.5	55.0	dB(A)
23:00 - 00:00	54.1	60.0	54.0	dB(A)
00:00 - 01:00	53.2	51.1	58.4	dB(A)
01:00 - 02:00	55.2	49.0	50.9	dB(A)
02:00 - 03:00	52.3	50.8	47.2	dB(A)
03:00 - 04:00	59.2	47.6	46.9	dB(A)
04:00 - 05:00	43.2	43.5	45.4	dB(A)
05:00 - 06:00	45.7	45.9	46.0	dB(A)
06:00 - 07:00	49.4	46.9	45.5	dB(A)
07:00 - 08:00	46.7	48.9	44.7	dB(A)
08:00 - 09:00	53.6	46.7	45.5	dB(A)
09:00 - 10:00	52.2	44.7	44.1	dB(A)
10:00 - 11:00	46.5	45.4	50.1	dB(A)
$L_{eq}$ 24 hr.	52.4	53.0	52.7	dB(A)
$L_{dn}$	60.5	59.3	58.9	dB(A)
Standard	$70^{1/1}, 70^{1/2}$	$70^{1/1}, 70^{1/2}$	$70^{1/1}, 70^{1/2}$	dB(A)

**REMARK :** <sup>1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)<sup>2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)

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

(Measurement By Mr. Tummarut Photanahunt)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

27/07/2023

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## Test Report

Request No : W6607231

Report No : 6607-1841

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : WWTP\*\*

Sample No : W 66070913

Sample Name : Influent\*\*

Sampling Date : 07/07/2023\*\*

Sampling By : ETC\*\*

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

Sampling Method : Composit\*\*

Received Date : 08/07/2023

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

Reported Date : 24/07/2023

Parameter	Unit	Method	Result	Standard/I
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)	31.5	≤ 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)	108	≤ 750
Copper *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04	≤ 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, 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 Mr. Parkpoom Buasawad (จ-003-ก-7280)\*

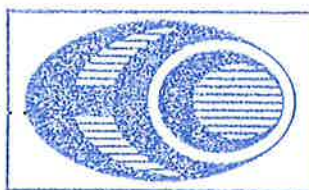
5. \*\* = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

24/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-4367)

24/07/2023

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## Test Report

Request No : W 6607231

Report No : 6607-1841

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : WWTP\*\*

Sample No : W 66070913

Sample Name : Influent\*\*

Sampling Date : 07/07/2023\*\*

Sampling By : ETC\*\*

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

Sampling Method : Composit\*\*

Received Date : 08/07/2023

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

Reported Date : 24/07/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
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)	0.039	≤1
Temperature *	°C	Laboratory and Field Method	35	≤45
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	18	≤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. /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 Mr. Parkpoom Buasawad (จ-003-ก-7280)\*

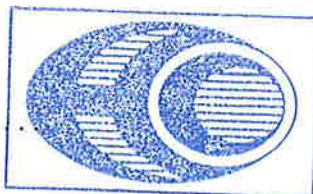
5. \*\* = These data are non laboratory data.

Examined By : .....

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

24/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-4367)

24/07/2023

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## Test Report

Request No : W6607231

Report No : 6607-1841

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66070913

Sample Name : Influent

Sampling Date : 07/07/2023

Sampling By : ETC

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

Sampling Method : Composit

Received Date : 08/07/2023

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

Reported Date : 24/07/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Ammonia Nitrogen	mg/L as NH <sub>3</sub> -N	Distillation and Titrimetric Method (SM:4500 -NH <sub>3</sub> B,4500 -NH <sub>3</sub> C)	12	-
Flow Rate	m <sup>3</sup> /day	Calculation Method	6,588	-

Physical Apperance : 1. Sample : yellow, lightly SS

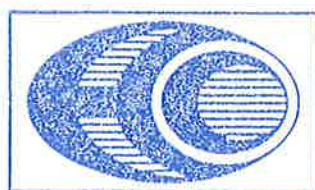
2. Container : Normal [ PE 0.5 L(4 Bottlc), PE 1.0 L, PE 1.8 L, G 1.0 L ]

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. Parkpoom Buasawad (๖-003-๓-7280)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....

(Miss Apiradee Chuen-arom)

24/07/2023

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WITHOUT THE WRITTEN APPROVAL LABORATORY

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## Test Report

Request No : W6607233

Report No : 6607-1492

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66070918

Sample Name : Influent

Sampling Date : 07/07/2023

Sampling By : ETC

Sampling Time : 3:00 PM

Sampling Method : Grab

Received Date : 08/07/2023

Tested Date : 17/07/2023

Reported Date : 19/07/2023

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

Physical Apperance : 1. Sample : yellow, turbid

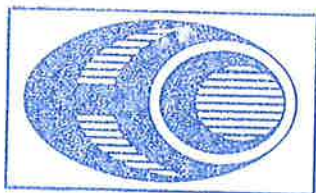
2. Container : Normal [ G 0.25 L]

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

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

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

4. Sampling By Mr. Parkpoom Buasawad (๖-003-๓-๗280)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....

(Miss Apiradee Chuen-arom)

19/07/2023

COPY

## Test Report

Request No : W6608105

Report No : 6608-1516

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : WWTP\*\*

Sample No : W 66080433

Sample Name : Influent\*\*

Sampling Date : 04/08/2023\*\*

Sampling By : ETC\*\*

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

Sampling Method : Composit\*\*

Received Date : 05/08/2023

Tested Date : 05/08/2023 - 15/08/2023

Reported Date : 21/08/2023

Parameter	Unit	Method	Result	Standard/I
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)	23.4	≤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)	86	≤750
Copper *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.05	≤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 1.0 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.

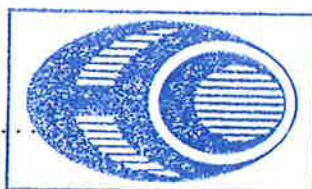
3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. \* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ก-0017)\*

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

Examined By :

(Miss Apiradee Chuen-arom)  
(จ-003-ก-0007)  
21/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)  
(จ-003-ก-0005)  
21/08/2023

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## Test Report

Request No : W6608105

Report No : 6608-1516

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : WWTP\*\*

Sample No : W 66080433

Sample Name : Influent\*\*

Sampling Date : 04/08/2023\*\*

Sampling By : ETC\*\*

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

Sampling Method : Composit\*\*

Received Date : 05/08/2023

Tested Date : 05/08/2023 - 15/08/2023

Reported Date : 21/08/2023

Parameter	Unit	Method	Result	Standard/ <sup>1</sup>
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)	4.4	≤ 10
pH (on site) *		Electrometric Method	7.2	5.5 - 9.0
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	0.032	≤ 1
Temperature *	°C	Laboratory and Field Method	31	≤ 45
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	18	≤ 200

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. # = 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 Mr. Parkpoom Buasawad (จ-003-ก-0017)\*

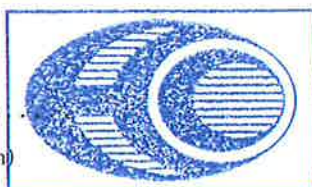
5. \*\* = These data are non laboratory data.

Examined By : .....

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

21/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

21/08/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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**COPY**

## Test Report

Request No : W6608105

Report No : 6608-1516

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66080433

Sample Name : Influent

Sampling Date : 04/08/2023

Sampling By : ETC

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

Sampling Method : Composit

Received Date : 05/08/2023

Tested Date : 05/08/2023 - 15/08/2023

Reported Date : 21/08/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Ammonia Nitrogen	mg/L as NH <sub>3</sub> -N	Distillation and Titrimetric Method (SM:4500 -NH <sub>3</sub> B,4500 -NH <sub>3</sub> C)	17	-
Flow Rate	m <sup>3</sup> /day	Calculation Method	5,301	-

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 Mr. Parkpoom Buasawad



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

21/08/2023



## Test Report

Request No : W6608106

Report No : 6608-1129

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66080437

Sample Name : Influent

Sampling Date : 04/08/2023

Sampling By : ETC

Sampling Time : 3:00 PM

Sampling Method : Grab

Received Date : 05/08/2023

Tested Date : 09/08/2023

Reported Date : 16/08/2023

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

Physical Apperance : 1. Sample : yellow, turbid

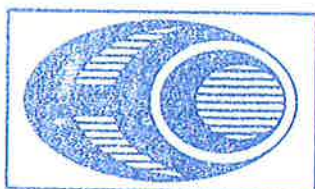
2. Container : Normal [ G 0.25 L ]

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

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

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

4. Sampling By Mr. Parkpoom Buasawad



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

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Examined By : .....

(Miss Apiradee Chuen-arom)

16/08/2023

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## Test Report

Request No : W6609036

Report No : 6609-0640

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : WWTP\*\*

Sample No : W 66090144

Sample Name : Influent\*\*

Sampling Date : 01/09/2023\*\*

Sampling By : ETC\*\*

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

Sampling Method : Composit\*\*

Received Date : 02/09/2023

Tested Date : 02/09/2023 - 09/09/2023

Reported Date : 15/09/2023

Parameter	Unit	Method	Result	Standard/l
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)	22.5	≤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)	105	≤750
Copper *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.08	≤2

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 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.

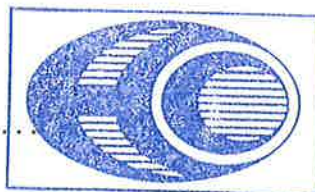
3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. \* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ก-0031)\*

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

Examined By : .....

(Miss Apiradee Chuen-arom)  
(จ-003-ก-0007)  
15/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)  
(จ-003-ก-0005)  
15/09/2023

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## Test Report

Request No : W6609036

Report No : 6609-0640

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : WWTP\*\*

Sample No : W 66090144

Sample Name : Influent\*\*

Sampling Date : 01/09/2023\*\*

Sampling By : ETC\*\*

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

Sampling Method : Composit\*\*

Received Date : 02/09/2023

Tested Date : 02/09/2023 - 09/09/2023

Reported Date : 15/09/2023

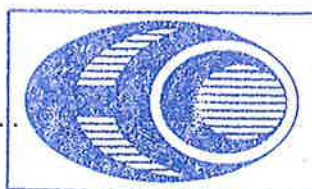
Parameter	Unit	Method	Result	Standard <sup>1</sup>
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.2
Mercury *	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Oil and Grease *	mg/L	Partition-Gravimetric Method (SM:5520B)	3.0	≤ 10
pH (on site) *		Electrometric Method	7.1	5.5 - 9.0
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	0.033	≤ 1
Temperature *	°C	Laboratory and Field Method	32	≤ 45
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	38	≤ 200

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 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 Mr. Supharerk Phatklang (จ-003-ก-0031)\*  
5. \*\* = These data are non laboratory data.

Examined By : 

(Miss Apiradee Chuen-arom)  
(จ-003-ก-0007)  
15/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)  
(จ-003-ก-0005)  
15/09/2023

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## Test Report

Request No : W6609036

Report No : 6609-0640

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66090144

Sample Name : Influent

Sampling Date : 01/09/2023

Sampling By : ETC

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

Sampling Method : Composit

Received Date : 02/09/2023

Tested Date : 02/09/2023 - 09/09/2023

Reported Date : 15/09/2023

Parameter	Unit	Method	Result	Standard/ <sup>1</sup>
Ammonia Nitrogen	mg/L as NH <sub>3</sub> -N	Distillation and Titrimetric Method (SM:4500 -NH <sub>3</sub> B,4500 -NH <sub>3</sub> C)	18	-
Flow Rate	m <sup>3</sup> /day	Calculation Method	6,952	-

Physical Apperance : 1. Sample : yellowish, lightly SS

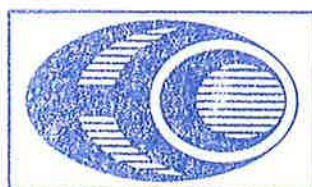
2. Container : Normal [ PE 0.5 L [ 4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L ]

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

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

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

4. Sampling By Mr. Supharek Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : .....

(Miss Apiradee Chuen-arom)

15/09/2023

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## Test Report

Request No : W6609038

Report No : 6609-0638

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66090150

Sample Name : Influent

Sampling Date : 01/09/2023

Sampling By : ETC

Sampling Time : 3:10 PM

Sampling Method : Grab

Received Date : 02/09/2023

Tested Date : 07/09/2023

Reported Date : 14/09/2023

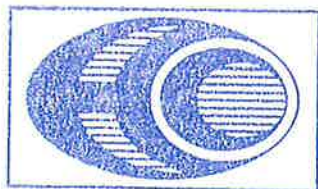
Parameter	Unit	Method	Result	Standard <sup>1</sup>
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	>160,000	-

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [ G 0.25 L ]

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

- 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. Supharerk Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....

(Miss Apiradee Chuen-arom)

14/09/2023

## Test Report

Request No : W6610196

Report No : 6610-1824

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : WWTP\*\*

Sample No : W 66100769

Sample Name : Influent\*\*

Sampling Date : 06/10/2023\*\*

Sampling By : ETC\*\*

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

Sampling Method : Composit\*\*

Received Date : 07/10/2023

Tested Date : 07/10/2023 - 21/10/2023

Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
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)	21.3	≤ 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)	60	≤ 750
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.03	≤ 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, 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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. \* = Test Report/Sampling marked Not Accredited, Sampling By Miss Pompinan Viriyakusolkul (ว-003-ก-0036)\*

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

Examined By : .....

(Miss Apiradee Chuen-arom)  
(ว-003-ก-0007)  
26/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)  
(ว-003-ก-0005)  
26/10/2023

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## 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



### Test Report

Request No : W6610196

Report No : 6610-1824

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : WWTP\*\*

Sample No : W 66100769

Sample Name : Influent\*\*

Sampling Date : 06/10/2023\*\*

Sampling By : ETC\*\*

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

Sampling Method : Compositi\*\*

Received Date : 07/10/2023

Tested Date : 07/10/2023 - 21/10/2023

Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Lead <sup>@</sup>	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
Mercury *	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Oil and Grease <sup>@</sup>	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.1	5.5 - 9.0
Phenol *	mg/L	Distillation,Direct Photometric Method (SM:5530B,D)	< 0.005	≤1
Temperature *	°C	Laboratory and Field Method	28	≤45
Total Suspended Solids <sup>#</sup>	mg/L	Dried at 103-105 degree celsius (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 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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. \* = Test Report/Sampling marked Not Accredited, Sampling By Miss Pornpinan Viriyakusolkul (7-003-ก-0036)\*

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

Examined By : .....

(Miss Apiradee Chuen-arom)

(7-003-ก-0007)

26/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)

(7-003-ก-0005)

26/10/2023

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**Test Report**

Request No : W6610196

Report No : 6610-1824

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66100769

Sample Name : Influent

Sampling Date : 06/10/2023

Sampling By : ETC

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

Sampling Method : Composit

Received Date : 07/10/2023

Tested Date : 07/10/2023 - 21/10/2023

Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Ammonia Nitrogen	mg/L as NH <sub>3</sub> -N	Distillation and Titrimetric Method (SM:4500 -NH <sub>3</sub> B,4500 -NH <sub>3</sub> C)	13	-
Flow Rate	m <sup>3</sup> /day	Calculation Method	7,178	-

Physical Apperance : 1. Sample : yellow, lightly SS

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

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

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

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

4. Sampling By Miss Pornpina Viriyakusolkul



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

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(Miss Apiradee Chuen-arom)

26/10/2023

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## Test Report

Request No : W6610198

Report No : 6610-1709

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66100774

Sample Name : Influent

Sampling Date : 06/10/2023

Sampling By : ETC

Sampling Time : 3:10 PM

Sampling Method : Grab

Received Date : 07/10/2023

Tested Date : 19/10/2023

Reported Date : 24/10/2023

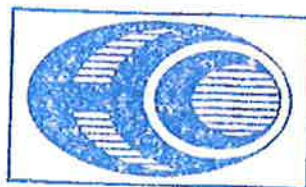
Parameter	Unit	Method	Result	Standard <sup>1</sup>
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	>160,000	-

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [ G 0.25 L ]

Remark : 1. /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 Porupinan Viriyakusolkul



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

24/10/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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WITHOUT THE WRITTEN APPROVAL LABORATORY

## Test Report

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : WWTP\*\*

Sample Name : Influent\*\*

Sampling By : ETC\*\*

Sampling Method : Composit\*\*

Tested Date : 06/11/2023 - 11/11/2023

Sample No : W 66110527

Sampling Date : 03/11/2023\*\*

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

Received Date : 04/11/2023

Reported Date : 22/11/2023

Request No : W6611111

Report No : 6611-1722

Parameter	Unit	Method	Result	Standard <sup>1</sup>
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)	28.9	≤500
Cadmium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Chemical Oxygen Demand #	mg/L	Closed Reflux,Titrimetric Method (SM:5220C)	82	≤750
Copper @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤2

Physical Apperance : 1. Sample : yellowish, lightly SS

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

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

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

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

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

4. \* = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthanee Saiphan (จ-003-ก-0018)\*

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

Examined By :   
(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)  
22/11/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :   
(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)  
22/11/2023

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

## Test Report

Request No : W6611111

Report No : 6611-1722

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : WWTP\*\*

Sample No : W 66110527

Sample Name : Influent\*\*

Sampling Date : 03/11/2023\*\*

Sampling By : ETC\*\*

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

Sampling Method : Composit\*\*

Received Date : 04/11/2023

Tested Date : 06/11/2023 - 11/11/2023

Reported Date : 22/11/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.2
Mercury *	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Oil and Grease @	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 10
pH (on site) *		Electrometric Method	7.2	5.5 - 9.0
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	0.044	≤ 1
Temperature *	°C	Laboratory and Field Method	36	≤ 45
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	11	≤ 200

Physical Apperance : 1. Sample : yellowish, lightly SS

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

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

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

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

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

4. \* = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthanee Saiphan (จ-003-ค-0018)\*

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

Examined By : .....

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

22/11/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

22/11/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
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## Test Report

Request No : W6611111

Report No : 6611-1722

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66110527

Sample Name : Influent

Sampling Date : 03/11/2023

Sampling By : ETC

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

Sampling Method : Composit

Received Date : 04/11/2023

Tested Date : 06/11/2023 - 11/11/2023

Reported Date : 22/11/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Ammonia Nitrogen	mg/L as NH <sub>3</sub> -N	Distillation and Titrimetric Method (SM:4500 -NH <sub>3</sub> B,4500 -NH <sub>3</sub> C)	15	-
Flow Rate	m <sup>3</sup> /day	Calculation Method	6,132	-

Physical Apperance : 1. Sample : yellowish, lightly SS

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

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

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

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

4. Sampling By Miss Janthanee Saiphan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....

(Miss Apiradee Chuen-arom)

22/11/2023

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

## Test Report

Request No : W6611112

Report No : 6611-1405

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66110531

Sample Name : Influent

Sampling Date : 03/11/2023

Sampling By : ETC

Sampling Time : 3:10 PM

Sampling Method : Grab

Received Date : 04/11/2023

Tested Date : 17/11/2023

Reported Date : 20/11/2023

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. /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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....

(Miss Apiradee Chuen-arom)

20/11/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

## Test Report

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : WWTP\*\*

Sample Name : Influent\*\*

Sampling By : ETC\*\*

Sampling Method : Composit\*\*

Tested Date : 04/12/2023 - 12/12/2023

Sample No : W 66120242

Sampling Date : 01/12/2023\*\*

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

Received Date : 02/12/2023

Reported Date : 21/12/2023

Request No : W6612044

Report No : 6612-0931

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0026	≤0.25
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	16.9	≤500
Cadmium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Chemical Oxygen Demand #	mg/L	Closed Reflux,Titrimetric Method (SM:5220C)	74	≤750
Copper @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.07	≤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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. \* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ค-0017)\*

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

Examined By : .....

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

21/12/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

21/12/2023

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THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

## Test Report


Customer : MDX Public Co.,Ltd.\*\*  
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110\*\*  
Sampling Source : WWTP\*\*  
Sample Name : Influent\*\*  
Sampling By : ETC\*\*  
Sampling Method : Composit\*\*  
Tested Date : 04/12/2023 - 12/12/2023

Request No : W6612044  
Report No : 6612-0931  
Sample No : W 6612042  
Sampling Date : 01/12/2023\*\*  
Sampling Time : 9:05 AM - 3:05 PM\*\*  
Received Date : 02/12/2023  
Reported Date : 21/12/2023

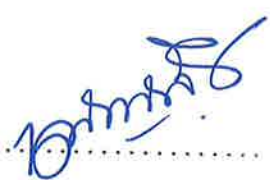
Parameter	Unit	Method	Result	Standard <sup>1</sup>
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.2
Mercury #	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Oil and Grease @	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 10
pH (on site) *		Elctrometric Method	7.4	5.5 - 9.0
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	< 0.005	≤ 1
Temperature *	°C	Laboratory and Field Method	31	≤ 45
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	18	≤ 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. /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 / Miss Nunnaphat Bakhuntod is Technical Management.  
4. \* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ค-0017)\*  
5. \*\* = These data are non laboratory data.

Examined By :   
(Miss Apiradee Chuen-arom)  
(จ-003-ค-0007)  
21/12/2023



Approved By :   
(Miss Nunnaphat Bakhuntod)  
(จ-003-ค-0005)  
21/12/2023

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

## Test Report

Request No : W6612044

Report No : 6612- 0931

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66120242

Sample Name : Influent

Sampling Date : 01/12/2023

Sampling By : ETC

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

Sampling Method : Composit

Received Date : 02/12/2023

Tested Date : 04/12/2023 - 12/12/2023

Reported Date : 21/12/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Ammonia Nitrogen	mg/L as NH <sub>3</sub> -N	Distillation and Titrimetric Method (SM:4500 -NH <sub>3</sub> B,4500 -NH <sub>3</sub> C)	17	
Flow Rate	m <sup>3</sup> /day	Calculation Method	6,094	

Physical Apperance : 1. Sample : yellow, lightly SS

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

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

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

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

4. Sampling By Mr. Supharerk Phatklang



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Examined By : .....

(Miss Apiradee Chuen-arom)

21/12/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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WITHOUT THE WRITTEN APPROVAL LABORATORY



## Test Report

Request No : W6612045

Report No : 6612-0406

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66120246

Sample Name : Influent

Sampling Date : 01/12/2023

Sampling By : ETC

Sampling Time : 3:05 PM

Sampling Method : Grab

Received Date : 02/12/2023

Tested Date : 06/12/2023

Reported Date : 09/12/2023

Parameter	Unit	Method	Result	Standard <sup>1/</sup>
Coliform Bacteria	MPN:100 mL	MPN Test Method (SI:4:9221B)	>160,000	

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

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

09/12/2023

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

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## Test Report

Request No : W 6607231

Report No : 6607-1842

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : WWTP\*\*

Sample No : W 66070914

Sample Name : Effluent \*\*

Sampling Date : 07/07/2023\*\*

Sampling By : ETC\*\*

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

Sampling Method : Composit\*\*

Received Date : 08/07/2023


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

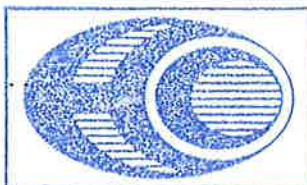
Reported Date : 24/07/2023


Parameter	Unit	Method	Result	Standard <sup>1</sup>
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.25
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.7	≤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)	0.05	≤2
Hexavalent Chromium *	mg/L as Cr <sup>6+</sup>	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 (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 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 Mr. Parkpoom Buasawad (จ-003-ก-7280)\*  
5. \*\* = These data are non laboratory data.

Examined By :   
(Miss Apiradee Chuen-arom)  
(จ-003-ก-4377)  
24/07/2023



Approved By :   
(Miss Nunnaphat Bakhuntod)  
(จ-003-ก-4367)  
24/07/2023

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

## Test Report

Request No : W6607231

Report No : 6607-1842

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : WWTP\*\*

Sample No : W 66070914

Sample Name : Effluent \*\*

Sampling Date : 07/07/2023\*\*

Sampling By : ETC\*\*

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

Sampling Method : Composit\*\*

Received Date : 08/07/2023

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

Reported Date : 24/07/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
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	7.3	5.5-9.0
Phenol *	mg/L	Distillation,Direct Photometric Method (SM:5530B,D)	< 0.005	≤1
Temperature *	°C	Laboratory and Field Method	33	≤40
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	< 5	≤50

Physical Apperance : 1. Sample : yellowish, lightly SS

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

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

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

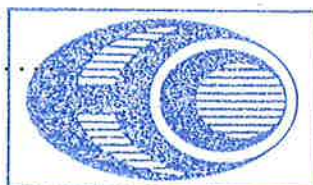
3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

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

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

Examined By : 

(Miss Apiradee Chuen-arom)  
(จ-003-ก-4377)  
24/07/2023



Approved By : 

(Miss Nunnaphat Bakhuntod)  
(จ-003-ก-4367)  
24/07/2023

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

## Test Report

Request No : W6607231

Report No : 6607-1842

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : WWTP\*\*

Sample No : W 66070914

Sample Name : Effluent \*\*

Sampling Date : 07/07/2023\*\*

Sampling By : ETC\*\*

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

Sampling Method : Composit\*\*

Received Date : 08/07/2023

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

Reported Date : 24/07/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
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 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 Mr. Parkpoom Buasawad (จ-003-ก-7280)\*

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

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

24/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-4367)

24/07/2023

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

## Test Report

Request No : W6607231

Report No : 6607-1842

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66070914

Sample Name : Effluent

Sampling Date : 07/07/2023

Sampling By : ETC

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

Sampling Method : Composit

Received Date : 08/07/2023

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

Reported Date : 24/07/2023

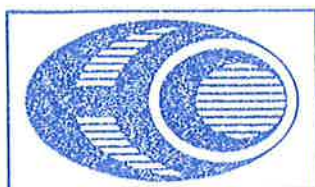
Parameter	Unit	Method	Result	Standard <sup>1</sup>
Ammonia Nitrogen	mg/L as NH <sub>3</sub> -N	Distillation and Titrimetric Method (SM:4500 -NH <sub>3</sub> B,4500 -NH <sub>3</sub> C)	< 2.00	-
Flow Rate	m <sup>3</sup> /day	Calculation Method	6,588	-

Physical Apperance : 1. Sample : yellowish, lightly SS

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

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

- SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
- Parameter Outside The Scope of The Registration of Department of Industrial Works
- Sampling By Mr. Parkpoom Buasawad (๖-003-๓-7280)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORYExamined By : (Miss Apiradee Chuen-arom)  
24/07/2023

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## Test Report

Request No : W6607233

Report No : 6607-1493

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66070919

Sample Name : Effluent

Sampling Date : 07/07/2023

Sampling By : ETC

Sampling Time : 3:00 PM

Sampling Method : Grab

Received Date : 08/07/2023

Tested Date : 17/07/2023

Reported Date : 19/07/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	79	-

Physical Apperance : 1. Sample : yellow, lightly SS

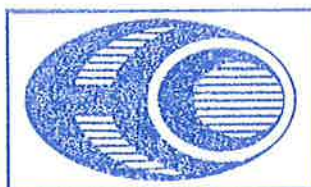
2. Container : Normal [ G 0.25 L]

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. Parkpoom Buasawad (๖-003-๙-7280)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

19/07/2023

## Test Report

Request No : W6608105

Report No : 6608-1517

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : WWTP\*\*

Sample No : W 66080434

Sample Name : Effluent\*\*

Sampling Date : 04/08/2023\*\*

Sampling By : ETC\*\*

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

Sampling Method : Composit\*\*

Received Date : 05/08/2023

Tested Date : 05/08/2023 - 15/08/2023

Reported Date : 21/08/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
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 <sup>6+</sup>	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25

Physical Appearance : 1. Sample : yellowish, lightly SS

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

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

2. # = ISO/IEC 17025:2017 Accredited by 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 Mr. Parkpoom Buasawad (จ-003-ก-0017)\*

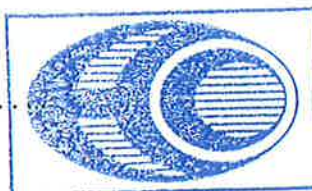
5. \*\* = These data are non laboratory data.

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

21/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

21/08/2023

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

## Test Report

Request No : W6608105

Report No : 6608-1517

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : WWTP\*\*

Sample No : W 66080434

Sample Name : Effluent\*\*

Sampling Date : 04/08/2023\*\*

Sampling By : ETC\*\*

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

Sampling Method : Composit\*\*

Received Date : 05/08/2023

Tested Date : 05/08/2023 - 15/08/2023

Reported Date : 21/08/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
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	7.2	5.5-9.0
Phenol *	mg/L	Distillation,Direct Photometric Method (SM:5530B,D)	0.005	≤1
Temperature *	°C	Laboratory and Field Method	33	≤40
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	< 5	≤50

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. /I 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 Mr. Parkpoom Buasawad (จ-003-ก-0017)\*

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

Examined By : .....

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

21/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

21/08/2023

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## Test Report

Request No : W6608105

Report No : 6608-1517

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : WWTP\*\*

Sample No : W 66080434

Sample Name : Effluent\*\*

Sampling Date : 04/08/2023\*\*

Sampling By : ETC\*\*

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

Sampling Method : Composit\*\*

Received Date : 05/08/2023

Tested Date : 05/08/2023 - 15/08/2023

Reported Date : 21/08/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Zinc *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04	≤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 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 Mr. Parkpoom Buasawad (จ-003-ก-0017)\*

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

Examined By : .....

(Miss Apiradee Chuen-arom)  
(จ-003-ก-0007)  
21/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)  
(จ-003-ก-0005)  
21/08/2023

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

## Test Report

Request No : W6608105

Report No : 6608-1517

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66080434

Sample Name : Effluent

Sampling Date : 04/08/2023

Sampling By : ETC

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

Sampling Method : Composit

Received Date : 05/08/2023

Tested Date : 05/08/2023 - 15/08/2023

Reported Date : 21/08/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Ammonia Nitrogen	mg/L as NH <sub>3</sub> -N	Distillation and Titrimetric Method (SM:4500 -NH <sub>3</sub> B,4500 -NH <sub>3</sub> C)	<2.00	-
Flow Rate	m <sup>3</sup> /day	Calculation Method	5,301	-

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

- SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
- Parameter Outside The Scope of The Registration of Department of Industrial Works
- Sampling By Mr. Parkpoom Buasawad



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

21/08/2023



## Test Report

Request No : W6608106

Report No : 6608-1130

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66080438

Sample Name : Effluent

Sampling Date : 04/08/2023

Sampling By : ETC

Sampling Time : 3:05 PM

Sampling Method : Grab

Received Date : 05/08/2023

Tested Date : 09/08/2023

Reported Date : 16/08/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	13	-

Physical Apperance : 1. Sample : yellowish, lightly SS

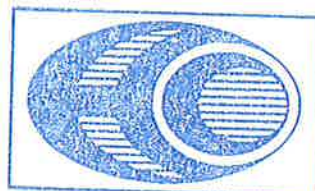
2. Container : Normal [ G 0.25 L ]

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. Parkpoom Buasawad

Examined By : 

(Miss Apiradee Chuen-arom)

16/08/2023

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## Test Report

Request No : W6609036

Report No : 6609-0641

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : WWTP\*\*

Sample No : W 66090145

Sample Name : Effluent\*\*

Sampling Date : 01/09/2023\*\*

Sampling By : ETC\*\*

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

Sampling Method : Composit\*\*

Received Date : 02/09/2023

Tested Date : 02/09/2023 - 09/09/2023

Reported Date : 15/09/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
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 <sup>6+</sup>	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤ 0.25

Physical Appearance : 1. Sample : yellow, lightly SS

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

Remark : 1. /1 Notification of 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 Mr. Supharek Phatklang (จ-003-ก-0031)\*

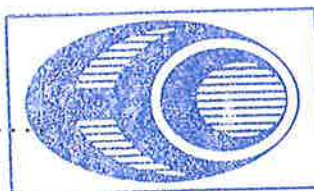
5. \*\* = These data are non laboratory data.

Examined By : .....

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

15/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

15/09/2023

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

**Test Report**

Request No : W6609036

Report No : 6609-0641

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : WWTP\*\*

Sample No : W 66090145

Sample Name : Effluent\*\*

Sampling Date : 01/09/2023\*\*

Sampling By : ETC\*\*

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

Sampling Method : Composit\*\*

Received Date : 02/09/2023

Tested Date : 02/09/2023 - 09/09/2023

Reported Date : 15/09/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Lead *	mg/L	Digestion,Inductively Coupled Plasma Method (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	7.0	5.5-9.0
Phenol *	mg/L	Distillation,Direct Photometric Method (SM:5530B,D)	< 0.005	≤1
Temperature *	°C	Laboratory and Field Method	29	≤40

Physical 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 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 Mr. Supharerk Phatklang (จ-003-ก-0031)\*

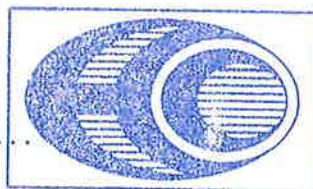
5. \*\* = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

15/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

15/09/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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## Test Report

Request No : W6609036

Report No : 6609-0641

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : WWTP\*\*

Sample No : W 66090145

Sample Name : Effluent\*\*

Sampling Date : 01/09/2023\*\*

Sampling By : ETC\*\*

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

Sampling Method : Composit\*\*

Received Date : 02/09/2023

Tested Date : 02/09/2023 - 09/09/2023

Reported Date : 15/09/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	< 5	≤ 50
Zinc *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.08	≤ 5

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 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 Mr. Supharerk Phatklang (จ-003-ก-0031)\*

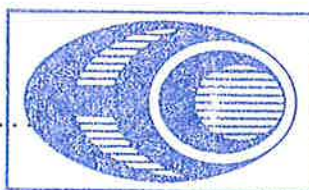
5. \*\* = These data are non laboratory data.

Examined By : .....

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

15/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

15/09/2023

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## Test Report

Request No : W6609036

Report No : 6609-0641

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66090145

Sample Name : Effluent

Sampling Date : 01/09/2023

Sampling By : ETC

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

Sampling Method : Composit

Received Date : 02/09/2023

Tested Date : 02/09/2023 - 09/09/2023

Reported Date : 15/09/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Ammonia Nitrogen	mg/L as NH <sub>3</sub> -N	Distillation and Titrimetric Method (SM:4500 -NH <sub>3</sub> B,4500 -NH <sub>3</sub> C)	< 2.00	-
Flow Rate	m <sup>3</sup> /day	Calculation Method	6,952	-

Physical Apperance : 1. Sample : yellow, lightly SS

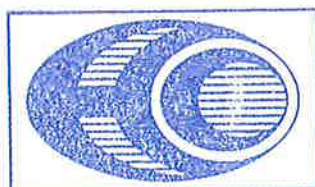
2. Container : Normal [ PE 0.5 L [ 4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L ]

Remark : 1. /1 Notification of 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



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : .....

(Miss Apiradee Chuen-arom)

15/09/2023

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## Test Report

Request No : W6609038

Report No : 6609-0639

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66090151

Sample Name : Effluent

Sampling Date : 01/09/2023

Sampling By : ETC

Sampling Time : 3:00 PM

Sampling Method : Grab

Received Date : 02/09/2023

Tested Date : 07/09/2023

Reported Date : 14/09/2023

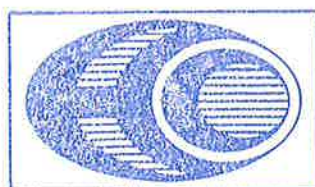
Parameter	Unit	Method	Result	Standard <sup>1</sup>
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	13	-

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. 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

Examined By : 

(Miss Apiradee Chuen-arom)

14/09/2023

บริษัท อีสเทิร์น ไทย คอนซัลติ้ง 1992 จำกัด  
REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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## Test Report

Request No : W6610196

Report No : 6610-1825

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : WWTP\*\*

Sample No : W 66100770

Sample Name : Effluent\*\*

Sampling Date : 06/10/2023\*\*

Sampling By : ETC\*\*

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

Sampling Method : Composit\*\*

Received Date : 07/10/2023

Tested Date : 07/10/2023 - 21/10/2023

Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard <sup>1)</sup>
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)	6.3	≤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 <sup>6+</sup>	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 [ 4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L ]

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


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

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


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

4. \* = Test Report/Sampling marked Not Accredited, Sampling By Miss Pornpinan Viriyakusolkul (7-003-ก-0036)\*

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

Examined By :   
(Miss Apiradee Chuen-arom)  
(7-003-ก-0007)  
26/10/2023



Approved By :   
(Miss Nunnaphat Bakhuntod)  
(7-003-ก-0005)  
26/10/2023

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

## Test Report

Request No : W6610196

Report No : 6610-1825

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : WWTP\*\*

Sample No : W 66100770

Sample Name : Effluent\*\*

Sampling Date : 06/10/2023\*\*

Sampling By : ETC\*\*

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

Sampling Method : Composit\*\*

Received Date : 07/10/2023

Tested Date : 07/10/2023 - 21/10/2023

Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (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	7.4	5.5-9.0
Phenol *	mg/L	Distillation, Direct Photometric Method (SM:5530B,D)	< 0.005	≤ 1
Temperature *	°C	Laboratory and Field Method	28	≤ 40

Physical Apperance : 1. Sample : yellowish, lightly SS

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

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

2. @ = ISO/IEC 17025:2017 Accredited by 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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. \* = Test Report/Sampling marked Not Accredited. Sampling By Miss Pompinan Viriyakusolkul (1-003-ก-0036)\*

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

Examined By :

(Miss Apiradee Chuen-arom)

(1-003-ก-0007)

26/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(1-003-ก-0005)

26/10/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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## Test Report

Request No : W6610196

Report No : 6610-1825

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : WWTP\*\*

Sample No : W 66100770

Sample Name : Effluent\*\*

Sampling Date : 06/10/2023\*\*

Sampling By : ETC\*\*

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

Sampling Method : Composit\*\*

Received Date : 07/10/2023

Tested Date : 07/10/2023 - 21/10/2023

Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Total Suspended Solids <sup>#</sup>	mg/L	Dried at 103-105 degree celsius (SM:2540D)	18	≤50
Zinc <sup>@</sup>	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.05	≤5

Physical Apperance : 1. Sample : yellowish, lightly SS

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

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

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

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

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

4. \* = Test Report/Sampling marked Not Accredited, Sampling By Miss Pompinan Viriyakusolkul (1-003-ก-0036)\*

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

Examined By : .....

(Miss Apiradee Chuen-arom)  
(1-003-ก-0007)  
26/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)  
(1-003-ก-0005)  
26/10/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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## Test Report

Request No : W6610196

Report No : 6610-1825

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66100770

Sample Name : Effluent

Sampling Date : 06/10/2023

Sampling By : ETC

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

Sampling Method : Composit

Received Date : 07/10/2023

Tested Date : 07/10/2023 - 21/10/2023

Reported Date : 26/10/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Ammonia Nitrogen	mg/L as NH <sub>3</sub> -N	Distillation and Titrimetric Method (SM:4500-NH <sub>3</sub> B,4500 -NH <sub>3</sub> C)	< 2.00	-
Flow Rate	m <sup>3</sup> /day	Calculation Method	7,178	-

Physical Apperance : 1. Sample : yellowish, lightly SS

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

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

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

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

4. Sampling By Miss Pornpinan Viriyakusolkul



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

26/10/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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 WITHOUT THE WRITTEN APPROVAL LABORATORY

Page 1 of 1

COPY



## Test Report

Request No : W6610198

Customer : MDX Public Co.,Ltd.

Report No : 6610-1710

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

Sampling Source : WWTP

Sample No : W 66100775

Sample Name : Effluent

Sampling Date : 06/10/2023

Sampling By : ETC

Sampling Time : 3:05 PM

Sampling Method : Grab

Received Date : 07/10/2023

Tested Date : 19/10/2023

Reported Date : 24/10/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	1,300	-

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 Pompinan Viriyakusolkul



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....

(Miss Apiradee Chuen-arom)  
24/10/2023

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

## Test Report


Customer : MDX Public Co.,Ltd.\*\*  
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110\*\*  
Sampling Source : WWTP\*\*  
Sample Name : Effluent\*\*  
Sampling By : ETC\*\*  
Sampling Method : Composit\*\*  
Tested Date : 06/11/2023 - 11/11/2023

Request No : W6611111  
Report No : 6611-1723  
Sample No : W 66110528  
Sampling Date : 03/11/2023\*\*  
Sampling Time : 9:00 AM - 3:00 PM\*\*  
Received Date : 04/11/2023  
Reported Date : 22/11/2023

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)	7.1	≤20
Cadmium @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Chemical Oxygen Demand #	mg/L	Closed Reflux,Titrimetric Method (SM:5220C)	< 40	≤120
Copper @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04	≤2
Hexavalent Chromium *	mg/L as Cr <sup>6+</sup>	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 1.0 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 / Miss Nunnaphat Bakhuntod is Technical Management.  
4. \* = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthanee Saiphan (จ-003-ค-0018)\*  
5. \*\* = These data are non laboratory data.

Examined By :   
(Miss Apiradee Chuen-arom)  
(จ-003-ค-0007)  
22/11/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :   
(Miss Nunnaphat Bakhuntod)  
(จ-003-ค-0005)  
22/11/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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## Test Report

Request No : W6611111

Report No : 6611-1723

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : WWTP\*\*

Sample No : W 66110528

Sample Name : Effluent\*\*

Sampling Date : 03/11/2023\*\*

Sampling By : ETC\*\*

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

Sampling Method : Composit\*\*

Received Date : 04/11/2023

Tested Date : 06/11/2023 - 11/11/2023

Reported Date : 22/11/2023

Parameter	Unit	Method	Result	Standard/ <sup>1</sup>
Lead @	mg/L	Digestion,Inductively Coupled Plasma Method (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	7.1	5.5-9.0
Phenol *	mg/L	Distillation,Direct Photometric Method (SM:5530B,D)	0.027	≤1
Temperature *	°C	Laboratory and Field Method	29	≤40

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

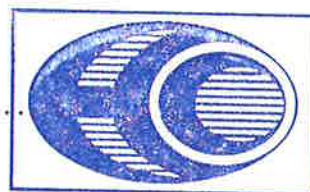
4. \* = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthanee Saiphan (จ-003-ก-0018)\*

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

Examined By : 

(Miss Apiradee Chuen-arom)  
(จ-003-ก-0007)

22/11/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)  
(จ-003-ก-0005)

22/11/2023

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 : WWTP\*\*  
Sample Name : Effluent\*\*  
Sampling By : ETC\*\*  
Sampling Method : Composit\*\*  
Tested Date : 06/11/2023 - 11/11/2023

Request No : W6611111  
Report No : 6611-1723  
Sample No : W 66110528  
Sampling Date : 03/11/2023\*\*  
Sampling Time : 9:00 AM - 3:00 PM\*\*  
Received Date : 04/11/2023  
Reported Date : 22/11/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	< 5	≤50
Zinc @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.05	≤5

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

4. \* = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthanee Saiphan (จ-003-ท-0018)\*

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

Examined By :   
(Miss Apiradee Chuen-arom)

(จ-003-ท-0007)

22/11/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ท-0005)

22/11/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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## Test Report

Request No : W6611111

Report No : 6611-1723

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66110528

Sample Name : Effluent

Sampling Date : 03/11/2023

Sampling By : ETC

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

Sampling Method : Composit

Received Date : 04/11/2023

Tested Date : 06/11/2023 - 11/11/2023

Reported Date : 22/11/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Ammonia Nitrogen	mg/L as NH <sub>3</sub> -N	Distillation and Titrimetric Method (SM:4500 -NH <sub>3</sub> B,4500 -NH <sub>3</sub> C)	< 2.00	-
Flow Rate	m <sup>3</sup> /day	Calculation Method	6,132	-

Physical Apperance : 1. Sample : lightly SS

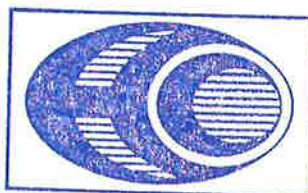
2. Container : Normal [ PE 0.5 L [ 4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L ]

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

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

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

4. Sampling By Miss Janthanee Saiphan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....

(Miss Apiradee Chuen-arom)

22/11/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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## Test Report

Request No : W6611112

Report No : 6611-1406

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66110532

Sample Name : Effluent

Sampling Date : 03/11/2023

Sampling By : ETC

Sampling Time : 3:00 PM

Sampling Method : Grab

Received Date : 04/11/2023

Tested Date : 17/11/2023

Reported Date : 20/11/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Coliform Bacteria	MPN:100 mL	MPN Test Method (SM:9221B)	110	-

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 Pompinan Viriyakusolkul



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....

(Miss Apiradee Chuen-arom)

20/11/2023

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

## Test Report


Customer : MDX Public Co.,Ltd.\*\*  
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110\*\*  
Sampling Source : WWTP\*\*  
Sample Name : Effluent\*\*  
Sampling By : ETC\*\*  
Sampling Method : Composit\*\*  
Tested Date : 04/12/2023 - 12/12/2023

Request No : W 6612044  
Report No : 6612-0932  
Sample No : W 66120243  
Sampling Date : 01/12/2023\*\*  
Sampling Time : 9:00 AM - 3:00 PM\*\*  
Received Date : 02/12/2023  
Reported Date : 21/12/2023

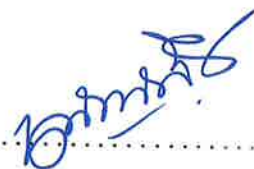
Parameter	Unit	Method	Result	Standard <sup>1</sup>
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤ 0.25
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.7	≤ 20
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 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)	0.03	≤ 2
Hexavalent Chromium *	mg/L as Cr <sup>6+</sup>	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤ 0.25

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 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 / Miss Nunnaphat Bakhuntod is Technical Management.  
4. \* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ค-0031)\*  
5. \*\* = These data are non laboratory data.

Examined By :   
(Miss Apiradee Chuen-arom)  
(จ-003-ค-0007)  
21/12/2023



Approved By :   
(Miss Nunnaphat Bakhuntod)  
(จ-003-ค-0005)  
21/12/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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**COPY**

## Test Report

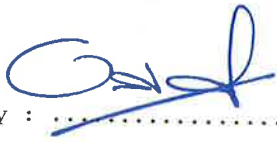
Customer : MDX Public Co.,Ltd.\*\*  
Address : 199 Ratchadapisek Road, 12 A Floor, Klongtoey, Bangkok 10110\*\*  
Sampling Source : WWTP\*\*  
Sample Name : Effluent\*\*  
Sampling By : ETC\*\*  
Sampling Method : Composit\*\*  
Tested Date : 04/12/2023 - 12/12/2023

Request No : W6612044  
Report No : 6612-0932  
Sample No : W 6612043  
Sampling Date : 01/12/2023\*\*  
Sampling Time : 9:00 AM - 3:00 PM\*\*  
Received Date : 02/12/2023  
Reported Date : 21/12/2023


Parameter	Unit	Method	Result	Standard <sup>1</sup>
Lead @	mg/L	Digestion,Inductively Coupled Plasma Method (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)	0.06	≤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)	< 0.005	≤1
Temperature *	°C	Laboratory and Field Method	30	≤40

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 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 / Miss Nunnaphat Bakhuntod is Technical Management.  
4. \* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ค-0031)\*  
5. \*\* = These data are non laboratory data.

Examined By :   
(Miss Apiradee Chuen-arom)  
(จ-003-ค-0007)  
21/12/2023



Approved By :   
(Miss Nunnaphat Bakhuntod)  
(จ-003-ค-0005)  
21/12/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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WITHOUT THE WRITTEN APPROVAL LABORATORY

## Test Report

Request No : W6612044

Report No : 6612-0932

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : WWTP\*\*

Sample No : W 66120243

Sample Name : Effluent\*\*

Sampling Date : 01/12/2023\*\*

Sampling By : ETC\*\*

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

Sampling Method : Composit\*\*

Received Date : 02/12/2023

Tested Date : 04/12/2023 - 12/12/2023

Reported Date : 21/12/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	< 5	≤50
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 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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. \* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (๖-๐๐3-๓-๐๐31)\*

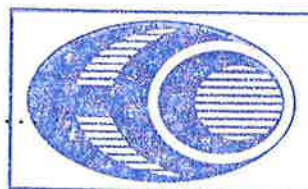
5. \*\* = These data are non laboratory data.

Examined By : 

(Miss Apiradee Chuen-arom)

(๖-๐๐3-๓-๐๐๐7)

21/12/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(๖-๐๐3-๓-๐๐๐5)

21/12/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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## Test Report

Request No : W6612044

Customer : MDX Public Co.,Ltd.

Report No : 6612-0932

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

Sampling Source : WWTP

Sample No : W 66120243

Sample Name : Effluent

Sampling Date : 01/12/2023

Sampling By : ETC

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

Sampling Method : Composit

Received Date : 02/12/2023

Tested Date : 04/12/2023 - 12/12/2023

Reported Date : 21/12/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Ammonia Nitrogen	mg/L as NH <sub>3</sub> -N	Distillation and Titrimetric Method (SM:4500 -NH <sub>3</sub> B,4500 -NH <sub>3</sub> C)	< 2	
Flow Rate	m <sup>3</sup> /day	Calculation Method	6,094	

Physical Apperance : 1. Sample : lightly SS

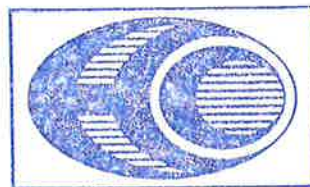
2. Container : Normal [ PE 0.5 L [ 5 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L ]

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 Mr. Parkpoom Buasawad



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

21/12/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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WITHOUT THE WRITTEN APPROVAL LABORATORY



## Test Report

Request No : W6612045

Report No : 6612-0407

Customer : MDX Public Co.,Ltd.

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

Sampling Source : WWTP

Sample No : W 66120247

Sample Name : Effluent

Sampling Date : 01/12/2023

Sampling By : ETC

Sampling Time : 3:00 PM

Sampling Method : Grab

Received Date : 02/12/2023

Tested Date : 06/12/2023

Reported Date : 09/12/2023

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

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. Parkpoom Buasawad



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

09/12/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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## Test Report

Request No : W6609039

Report No : 6609-1293

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : Surface Water\*\*

Sample No : W 66090154

Sample Name : ดินน้ำของพื้นที่โครงการ 200 เมตร\*\*

Sampling Date : 01/09/2023\*\*

Sampling By : ETC\*\*

Sampling Time : 9:55 AM\*\*

Sampling Method : Grab\*\*

Received Date : 02/09/2023

Tested Date : 02/09/2023 - 02/10/2023

Reported Date : 04/10/2023

Parameter	Unit	Method	Result	Standard <sup>2</sup>	Standard <sup>1</sup>
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤ 0.01	≤ 0.01
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.1	≤ 4	≤ 2
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	2.0	≥ 2	≥ 4
Fecal Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221E)	35,000	-	≤ 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 [ 4 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. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

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

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

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

6. \* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (ว-003-ท-0031)\*

7. ท \*\*\* = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิของอากาศเกิน 3 องศาเซลเซียส



Examined By : .....

(Miss Nunnaphat Bakhuntod)

04/10/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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## Test Report

Request No : W6609039

Report No : 6609-1293

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : Surface Water\*\*

Sample No : W 66090154

Sample Name : คำนวณของพื้นที่โครงการ 200 เมตร\*\*

Sampling Date : 01/09/2023\*\*

Sampling By : ETC\*\*

Sampling Time : 9:55 AM\*\*

Sampling Method : Grab\*\*

Received Date : 02/09/2023

Tested Date : 02/09/2023 - 02/10/2023

Reported Date : 04/10/2023

Parameter	Unit	Method	Result	Standard <sup>2</sup>	Standard <sup>1</sup>
Nitrate *	mg/L as NO <sub>3</sub> <sup>-</sup>	Cadmium Reduction Method (SM:4500 -NO3- E)	< 0.44	-	≤5
Nitrogen (Nitrate) *	mg/L as NO <sub>3</sub> <sup>-</sup> 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	7.1	5.0-9.0	5.0-9.0
Temperature *	°C	Laboratory and Field Method	28	๖***	๖***
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	5	-	-

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [ PE 0.5 L [ 4 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. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

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

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

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

6. \* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (๖-003-๓-0031)\*

7. ๖ \*\*\* = คุณภาพของน้ำจะต้องไม่สูงกว่าเกณฑ์มาตรฐานที่กำหนด 3 ของค่าเฉลี่ย



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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WITHOUT THE WRITTEN APPROVAL LABORATORY

Examined By : .....

(Miss Nunnaphat Bakhuntod)

04/10/2023

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## Test Report

Request No : W6609039

Report No : 6609-1293

Customer : MDX Public Co.,Ltd.

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

Sampling Source : Surface Water

Sample No : W 66090154

Sample Name : คำน้ําของพื้นที่โครงการ 200 เมตร

Sampling Date : 01/09/2023

Sampling By : ETC

Sampling Time : 9:55 AM

Sampling Method : Grab

Received Date : 02/09/2023

Tested Date : 02/09/2023 - 02/10/2023

Reported Date : 04/10/2023

Parameter	Unit	Method	Result	Standard <sup>2</sup>	Standard <sup>1</sup>
Ammonia Nitrogen #	mg/L	Spectrophotometer	0.28	≤ 0.5	≤ 0.5

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [ PE 0.5 L [ 4 Bottlc], 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 Phatkiang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

04/10/2023

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WITHOUT THE WRITTEN APPROVAL LABORATORY



## Test Report

Request No : W6609039

Report No : 6609-1292

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : Surface Water\*\*

Sample No : W 66090153

Sample Name : จุกระบายน้ำทิ้ง (จุดบรรจบท้ายอ่างเก็บน้ำ)\*\*

Sampling Date : 01/09/2023\*\*

Sampling By : ETC\*\*

Sampling Time : 9:25 AM\*\*

Sampling Method : Grab\*\*

Received Date : 02/09/2023

Tested Date : 02/09/2023 - 02/10/2023

Reported Date : 04/10/2023

Parameter	Unit	Method	Result	Standard <sup>2</sup>	Standard <sup>1</sup>
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤ 0.01	≤ 0.01
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.9	≤ 4	≤ 2
Dissolved Oxygen	mg/L	Membrane Electrode Method (SM:4500 -O G)	4.4	≥ 2	≥ 4
Fecal Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221E)	4,900	-	≤ 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 [ 4 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. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

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

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

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

6. \* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharek Phatklang (จ-003-ท-0031)\*

7. ท \*\*\* = คุณภาพของน้ำจะต้องไม่สูงกว่าคุณภาพตามบรรณานุกรม 3 องค์การวิจัย



Examined By : .....

(Miss Nunnaphat Bakhuntod)

04/10/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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## Test Report

Request No : W6609039

Report No : 6609-1292

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : Surface Water\*\*

Sample No : W 66090153

Sample Name : จุกระบายน้ำทิ้ง (จุดบรรจบท้ายอ่างเก็บน้ำ)\*\*

Sampling Date : 01/09/2023\*\*

Sampling By : ETC\*\*

Sampling Time : 9:25 AM\*\*

Sampling Method : Grab\*\*

Received Date : 02/09/2023

Tested Date : 02/09/2023 - 02/10/2023

Reported Date : 04/10/2023

Parameter	Unit	Method	Result	Standard <sup>2</sup>	Standard <sup>1</sup>
Nitrate *	mg/L as NO <sub>3</sub>	Cadmium Reduction Method (SM:4500-NO <sub>3</sub> -E)	45.2	-	≤5
Nitrogen (Nitrate) *	mg/L as NO <sub>3</sub> -N	Cadmium Reduction Method (SM:4500-NO <sub>3</sub> -B)	10.2	≤ 5	≤5
Oil and Grease @	mg/L	Partition-Gravimetric Method (SM:5520B)	<3.0	-	-
pH (on site) *		Electrometric Method	6.8	5.0-9.0	5.0-9.0
Temperature *	°C	Laboratory and Field Method	27	***	***
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	9	-	-

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [ PE 0.5 L [ 4 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. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,

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

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

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

6. \* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (T-003-ก-0031)\*

7. \*\*\* = คุณภาพของน้ำจะต้องไม่สูงกว่าเกณฑ์มาตรฐานระดับ 3 ของสากลเขียน



Examined By : 

(Miss Nunnaphat Bakhuntod)

04/10/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด  
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## Test Report

Request No : W6609039

Report No : 6609-1292

Customer : MDX Public Co.,Ltd.

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

Sampling Source : Surface Water

Sample No : W 66090153

Sample Name : จุดระบายน้ำทิ้ง (จุดบรรจบฟ้าอย่างเก็บน้ำ)

Sampling Date : 01/09/2023

Sampling By : ETC

Sampling Time : 9:25 AM

Sampling Method : Grab

Received Date : 02/09/2023

Tested Date : 02/09/2023 - 02/10/2023

Reported Date : 04/10/2023

Parameter	Unit	Method	Result	Standard <sup>/2</sup>	Standard <sup>/1</sup>
Ammonia Nitrogen #	mg/L	Spectrophotometer	0.36	≤ 0.5	≤ 0.5

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [ PE 0.5 L [ 4 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. Supharker Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....

(Miss Apiradee Chuen-arom)

04/10/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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## Test Report

Request No : W6609039

Report No : 6609-1291

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : Surface Water\*\*

Sample No : W 66090152

Sample Name : ฝายคลองวังด้วน\*\*

Sampling Date : 01/09/2023\*\*

Sampling By : ETC\*\*

Sampling Time : 8:55 AM\*\*

Sampling Method : Grab\*\*

Received Date : 02/09/2023

Tested Date : 02/09/2023 - 02/10/2023

Reported Date : 04/10/2023

Parameter	Unit	Method	Result	Standard <sup>2</sup>	Standard <sup>1</sup>
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤ 0.01	≤ 0.01
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤ 4	≤ 2
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	2.2	≥ 2	≥ 4
Fecal Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221E)	13,000	-	≤ 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 [ 4 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. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

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

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

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

6. \* = Test Report/Sampling marked Not Accredited. Sampling By Mr. Supharerk Phatklang (T-003-ค-0031)\*

7. ข \*\*\* = คุณภาพของน้ำจะต้องไม่สูงกว่าค่ามาตรฐานที่กำหนดใน 3 องค์การวิชาชีพ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....

(Miss Nunnaphat Bakhuntod)

04/10/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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WITHOUT THE WRITTEN APPROVAL LABORATORY

## Test Report

Request No : W 6609039

Report No : 6609-1291

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : Surface Water\*\*

Sample No : W 66090152

Sample Name : ฝายคลองวังควน\*\*

Sampling Date : 01/09/2023\*\*

Sampling By : ETC\*\*

Sampling Time : 8:55 AM\*\*

Sampling Method : Grab\*\*

Received Date : 02/09/2023

Tested Date : 02/09/2023 - 02/10/2023

Reported Date : 04/10/2023

Parameter	Unit	Method	Result	Standard <sup>2</sup>	Standard <sup>1</sup>
Nitrate *	mg/L as NO <sub>3</sub> <sup>-</sup>	Cadmium Reduction Method (SM:4500-NO <sub>3</sub> -E)	0.63	-	≤5
Nitrogen (Nitrate) *	mg/L as NO <sub>3</sub> <sup>-</sup> N	Cadmium Reduction Method (SM:4500-NO <sub>3</sub> -B)	0.14	≤ 5	≤5
Oil and Grease @	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	-	-
pH (on site) *		Electrometric Method	6.8	5.0-9.0	5.0-9.0
Temperature *	°C	Laboratory and Field Method	28	***	***
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	5	-	-

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [ PE 0.5 L [ 4 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. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

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

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

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

6. \* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (2-003-ท-0031)\*

7. \*\*\* = คุณภาพของน้ำจะต้องไม่สูงกว่าคุณภาพน้ำตามมาตรฐานที่ อบจ. ร้องกาชลชัย



บริษัท มีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Nunnaphat Bakhuntod)

04/10/2023

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## Test Report

Request No : W6609039

Report No : 6609-1291

Customer : MDX Public Co.,Ltd.

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

Sampling Source : Surface Water

Sample No : W 66090152

Sample Name : ฝายคลองวังด้วน

Sampling Date : 01/09/2023

Sampling By : ETC

Sampling Time : 8:55 AM

Sampling Method : Grab

Received Date : 02/09/2023

Tested Date : 02/09/2023 - 02/10/2023

Reported Date : 04/10/2023

Parameter	Unit	Method	Result	Standard <sup>2</sup>	Standard <sup>1</sup>
Ammonia Nitrogen #	mg/L	Spectrophotometer	0.45	≤ 0.5	≤ 0.5

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [ PE 0.5 L [ 4 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. Supharek Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

04/10/2023

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## Test Report

Request No : W6607235

Report No : 6607-1683

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : Ground Water \*\*

Sample No : W 66070922

Sample Name : น้ำประปา \*\*

Sampling Date : 07/07/2023\*\*

Sampling By : ETC\*\*

Sampling Time : 12:40 PM\*\*

Sampling Method : Grab\*\*

Received Date : 08/07/2023

Tested Date : 10/07/2023 - 18/07/2023

Reported Date : 21/07/2023

Parameter	Unit	Method	Result	Standard <sup>2</sup>	Standard <sup>1</sup>
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	None	≤ 0.01
Chloride *	mg/L as Cl <sub>2</sub>	Argentometric Method (SM:4500-Cl- B)	9.2	≤ 250	-
Coliform Bacteria *	MPN:100 mL	MPN Test Method (SM:9221B)	2.0	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)	< 0.03	≤ 0.5	-
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	None	≤ 0.01

Physical Apperance : 1. Sample : lightly SS

2. Container : Normal [ PE 0.5 L(2 Bottle), PE 1.0 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 from Deep Wells Quality Standards ,

Notification of the Ministry of Natural Resources and Environment B.E. 2551 (2008).

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

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

APHA, AWWA, WEF, 23rd Edition, 2017

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

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



Examined By : .....

(Miss Nunnaphat Bakhuntod)

21/07/2023

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## Test Report

Request No : W6607235

Report No : 6607-1683

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : Ground Water \*\*

Sample No : W 66070922

Sample Name : บำบัดน้ำ \*\*

Sampling Date : 07/07/2023\*\*

Sampling By : ETC\*\*

Sampling Time : 12:40 PM\*\*

Sampling Method : Grab\*\*

Received Date : 08/07/2023

Tested Date : 10/07/2023 - 18/07/2023

Reported Date : 21/07/2023

Parameter	Unit	Method	Result	Standard <sup>2</sup>	Standard <sup>1</sup>
M-Alkalinity *	mg/L as CaCO <sub>3</sub>	Titration Method (SM:2320B)	71.5	-	-
Mercury *	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	-	≤ 0.001
pH (on site) *		Electrometric Method	7.0	7.0 - 8.5	-
Temperature *	°C	Laboratory and Field Method	31	-	-
Total Dissolved Solids #	mg/L	Dried at 180 C (SM:2540C)	147	≤ 600	-
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	< 5	-	-
Turbidity *	NTU	Nephelometric Method (SM:2130B)	0.12	≤ 5	-

Physical Apperance : 1. Sample : lightly SS

2. Container : Normal [ PE 0.5 L(2 Bottle), PE 1.0 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 from Deep Wells Quality Standards ,

Notification of the Ministry of Natural Resources and Environment B.E. 2551 (2008).

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

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

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



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Examined By : 

(Miss Nunnaphat Bakhuntod)  
21/07/2023

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## Test Report

Request No : W6607235

Report No : 6607-1684

Customer : MDX Public Co.,Ltd.

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

Sampling Source : Ground Water

Sample No : W 66070923

Sample Name : Monitoring Well

Sampling Date : 07/07/2023

Sampling By : ETC

Sampling Time : 1:15 PM

Sampling Method : Grab

Received Date : 08/07/2023

Tested Date : 10/07/2023 - 18/07/2023

Reported Date : 21/07/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
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	7.1	-

Physical Apperance : 1. Sample : orange, turbid

2. Container : Normal [ PE 0.5 L(2 Bottle), PE 1.0 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. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

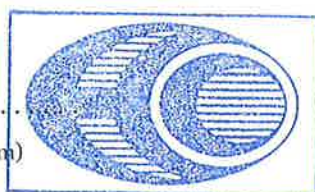
3. Sampling By Mr. Parkpoom Buasawad (จ-003-ค-7280)

Examined By : .....

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

21/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-4367)

21/07/2023

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## Test Report

Request No : W6607235, W6608107

Report No : 6607-1684-1, 6608-1131

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : Ground Water\*\*

Sample No : W 66070923, W 66080439

Sample Name : Monitoring Well\*\*

Sampling Date : 07/07/2023, 04/08/2023\*\*

Sampling By : ETC\*\*

Sampling Time : 1:15 PM, 10:45 AM\*\*

Sampling Method : Grab\*\*

Received Date : 08/07/2023, 05/08/2023

Tested Date : 07/07/2023 - 17/07/2023

Reported Date : 16/08/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Chloride *	mg/L as Cl <sub>2</sub>	Argentometric Method (SM:4500-Cl- B)	174	-
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)	0.59	-
M-Alkalinity *	mg/L as CaCO <sub>3</sub>	Titration Method (SM:2320B)	721	-
Temperature *	°C	Laboratory and Field Method	32	-
Total Bacteria */2	colonies/cm <sup>3</sup>	Pour Plate Count Method (SM:9215B)	6,600	-
Total Dissolved Solids #	mg/L	Dried at 180 C (SM:2540C)	740	-
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	120	-

Physical Apperance : 1. Sample : orange, turbid

2. Container : Normal [ PE 0.5 L(2 Bottle), PE 1.0 L, G 0.25 L]

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

2. /2 Sample No. W66080439 : Sampling Date 04/08/2023 (10:45 AM) : Tested Date 05/08/2023 - 09/08/2023

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

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

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

6. \* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (๓-๐๐3-๓-๗28๐)\*

SUPPLEMENT TO TEST REPORT NO. 6607-1684



Examined By : 

(Miss Nunnaphat Bakhuntod)

16/08/2023

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## Test Report

Request No : W 6607235, W6608107

Report No : 6607- 1684-1, 6608-1131

Customer : MDX Public Co.,Ltd.\*\*

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

Sampling Source : Ground Water\*\*

Sample No : W 66070923, W 66080439

Sample Name : Monitoring Well\*\*

Sampling Date : 07/07/2023, 04/08/2023\*\*

Sampling By : ETC\*\*

Sampling Time : 1:15 PM, 10:45\*\*

Sampling Method : Grab\*\*

Received Date : 08/07/2023, 05/08/2023

Tested Date : 07/07/2023 - 17/07/2023

Reported Date : 16/08/2023

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Turbidity *	NTU	Nephelometric Method (SM:2130B)	195	

Physical Apperance : 1. Sample : orange, turbid

2. Container : Normal [ PE 0.5 L(2 Bottle), PE 1.0 L, G 0.25 L]

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

2. /2 Sample No. W66080439 : Sampling Date 04/08/2023 (10:45 AM) : Tested Date 05/08/2023 - 09/08/2023

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

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

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

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

SUPPLEMENT TO TEST REPORT NO. 6607-1684



Examined By : ...

(Miss Nunnaphat Bakhuntod)

16/08/2023

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