

เอกสารแนบ 4

เอกสารผลการตรวจวัดคุณภาพสิ่งแวดล้อม

ANALYSIS REPORT

Customer Name : นิตินคคอาคารชุด เดอะ ซิตี้ มูเซอ
Address : เลขที่ 119 ซอยสุขุมวิท 26 ถนนสุขุมวิท แขวงคลองตัน เขตคลองเตย กรุงเทพมหานคร 10110
Sampling Source : Wastewater Sampling
Sampling Point : ปอพักน้ำทิ้งสุดท้ายก่อนปล่อยออกสู่สาธารณะ
GPS. Coordinate : UTM (WGS84) 47P 0669885 E, 1517928 N
Sampling Date : July 3, 2023
Sampling Time : 10:00
Sampling Method : Grab
Sampling By : 
Analyzed By : Environment Research & Technology Co., Ltd.
Physical Properties : Turbid, Light Yellow, Sediment, Odor

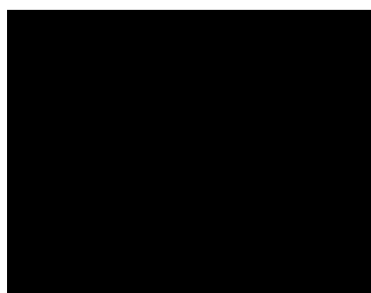
Quotation No. : 2022-01647
Analysis No. : 2023-AC727-001
Received Date : July 4, 2023
Analytical Date : July 4-12, 2023
Report No. : 2023-RAAN150
Report Date : July 12, 2023

Parameter	Unit	Method of Analysis ^{1'}	Result	Standard ^{2'}
pH	-	Electrometric	7.7	5-9
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode	7.7	30
Total Suspended Solids	mg/L	Dried at 103-105°C	9.4	40
Sulfide	mg/L	ZnS Precipitation, Iodometric	<0.4	1.0
Total Dissolved Solids	mg/L	Dried at 180°C	298	726*
Settleable Solids	mL/L	Volumetric	<0.1	0.5
Fat Oil and Grease	mg/L	Liquid-Liquid Partition, Gravimetric	<1.0	20
Total Kjeldahl Nitrogen	mg/L	Macro-Kjeldahl, Titrimetric	4.6	35

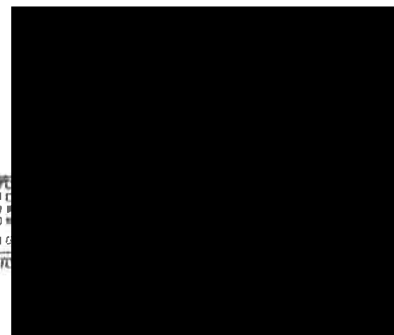
Remark : ^{1'} Standard Method for Examination of Water and Wastewater, 23rd Edition, 2017.

^{2'} Notification of the Ministry of Natural Resources and Environment B.E.2548 (2005), published in the Royal Government Gazette No.122 Part 125D dated December 29, B.E.2548 (2005), Maximum permitted value for building Type B.

* These values are in addition to the Total Dissolved Solids of water used. (The TDS value in the water used in July, 2023 was 226 mg/l)



Laboratory Reviewer



Laboratory Supervisor

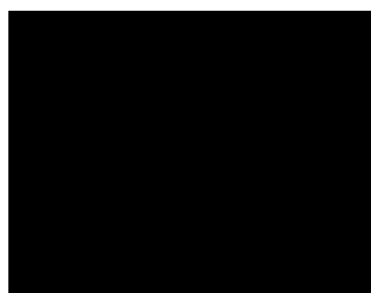
ANALYSIS REPORT

Customer Name : นิติบุคคลอาคารชุด เดอะ ซิตี้ มูชี่
Address : เลขที่ 119 ซอยสุขุมวิท 26 ถนนสุขุมวิท แขวงคลองตัน เขตคลองเตย กรุงเทพมหานคร 10110
Sampling Source : Water Supply Sampling
Sampling Point : จุดภาพน้ำใส
GPS. Coordinate : UTM (WGS84) 47P 0669878 E, 1517929 N
Sampling Date : July 3, 2023
Sampling Time : 10:10
Sampling Method : Grab
Sampling By : 
Analyzed By : Environment Research & Technology Co., Ltd.
Physical Properties : Clear, Colorless, No Sediment, Odorless

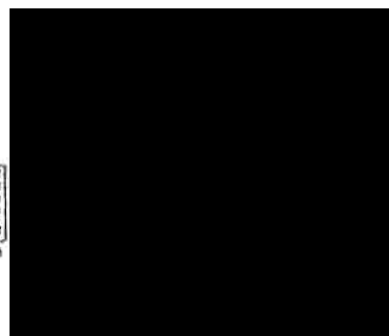
Quotation No. : 2022-01647
Analysis No. : 2023-AC727-002
Received Date : July 4, 2023
Analytical Date : July 4-7, 2023
Report No. : 2023-RAAN157
Report Date : July 12, 2023

Parameter	Unit	Method of Analysis ^{1'}	Result
Total Dissolved Solids	mg/L	Dried at 180°C	226

Remark : ^{1'} Standard Method for Examination of Water and Wastewater, 23rd Edition, 2017.

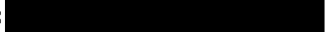


Laboratory Reviewer



Laboratory Supervisor

ANALYSIS REPORT

Customer Name : นิติบุคคลอาคารชุด เดอะ ซิตี้ นูซี่
Address : เลขที่ 119 ซอยสุขุมวิท 26 ถนนสุขุมวิท แขวงคลองตัน เขตคลองเตย กรุงเทพมหานคร 10110
Sampling Source : Wastewater Sampling
Sampling Point : ปลั๊กน้ำทิ้งสุดท้ายก่อนปล่อยออกสู่สาธารณะ
GPS. Coordinate : UTM (WGS84) 47P 0669885 E, 1517928 N
Sampling Date : August 3, 2023
Sampling Time : 10:12
Sampling Method : Grab
Sampling By : 
Analyzed By : Environment Research & Technology Co., Ltd.
Physical Properties : Turbid, Light Yellow, Sediment, Odor

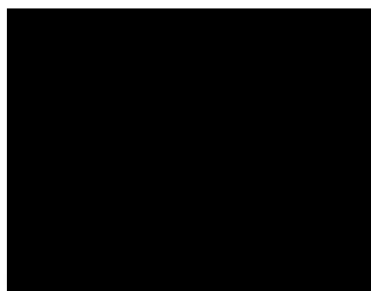
Quotation No. : 2022-01647
Analysis No. : 2023-AD235-001
Received Date : August 4, 2023
Analytical Date : August 4-11, 2023
Report No. : 2023-RAAP349
Report Date : August 11, 2023

Parameter	Unit	Method of Analysis ^{1'}	Result	Standard ^{2'}
pH	-	Electrometric	7.2	5-9
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode	25	30
Total Suspended Solids	mg/L	Dried at 103-105°C	17	40
Sulfide	mg/L	ZnS Precipitation, Iodometric	<0.4	1.0
Total Dissolved Solids	mg/L	Dried at 180°C	392	814*
Settleable Solids	mL/L	Volumetric	<0.1	0.5
Fat Oil and Grease	mg/L	Liquid-Liquid Partition, Gravimetric	2.1	20
Total Kjeldahl Nitrogen	mg/L	Macro-Kjeldahl, Titrimetric	6.8	35

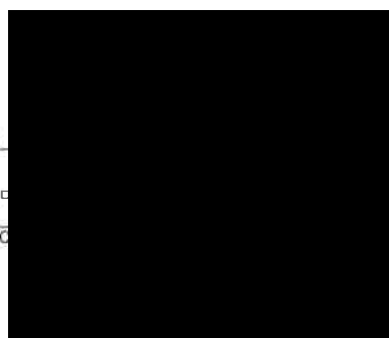
Remark : ^{1'} Standard Method for Examination of Water and Wastewater, 23rd Edition, 2017.

^{2'} Notification of the Ministry of Natural Resources and Environment B.E.2548 (2005), published in the Royal Government Gazette No.122 Part 125D dated December 29, B.E.2548 (2005), Maximum permitted value for building Type B.

* These values are in addition to the Total Dissolved Solids of water used. (The TDS value in the water used in August, 2023 was 314 mg/l)



Laboratory Reviewer



Laboratory Supervisor

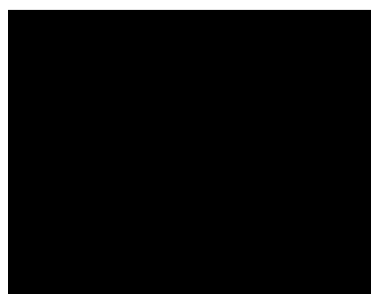
ANALYSIS REPORT

Customer Name : นิติบุคคลอาคารชุด เดอะ ซิตี้ มูวี่
Address : เลขที่ 119 ซอยสุขุมวิท 26 ถนนสุขุมวิท แขวงคลองตัน เขตคลองเตย กรุงเทพมหานคร 10110
Sampling Source : Water Supply Sampling
Sampling Point : คุณภาพน้ำใช้
GPS. Coordinate : UTM (WGS84) 47P 0669878 E, 1517929 N
Sampling Date : August 3, 2023
Sampling Time : 10:18
Sampling Method : Grab
Sampling By : 
Analyzed By : Environment Research & Technology Co., Ltd.
Physical Properties : Clear, Colorless, No Sediment, Odorless

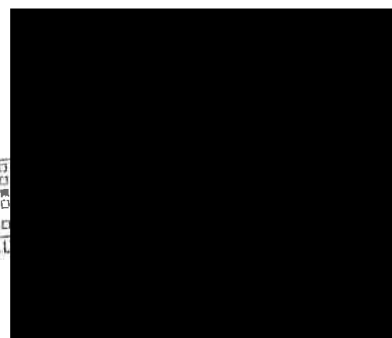
Quotation No. : 2022-01647
Analysis No. : 2023-AD235-002
Received Date : August 4, 2023
Analytical Date : August 4-11, 2023
Report No. : 2023-RAAP350
Report Date : August 11, 2023

Parameter	Unit	Method of Analysis ^{1'}	Result
Total Dissolved Solids	mg/L	Dried at 180°C	314

Remark : ^{1'} Standard Method for Examination of Water and Wastewater, 23rd Edition, 2017.



Laboratory Reviewer



Laboratory Supervisor

ANALYSIS REPORT

Customer Name : นิติบุคคลอาคารชุด เดอะ ซิตี้ มูเซ่
Address : เลขที่ 119 ซอยสุขุมวิท 26 ถนนสุขุมวิท แขวงคลองตัน เขตคลองเตย กรุงเทพมหานคร 10110
Sampling Source : Wastewater Sampling
Sampling Point : ปอพักน้ำทิ้งสุดท้ายก่อนปล่อยออกสู่สาธารณะ
GPS. Coordinate : UTM (WGS84) 47P 0669885 E, 1517928 N
Sampling Date : September 8, 2023
Sampling Time : 09:51
Sampling Method : Grab
Sampling By : 
Analyzed By : Environment Research & Technology Co., Ltd.
Physical Properties : Turbid, Light Yellow, No Sediment, Odor

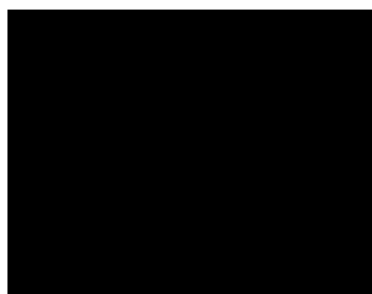
Quotation No. : 2022-01647
Analysis No. : 2023-AD779-001
Received Date : September 8, 2023
Analytical Date : September 8-19, 2023
Report No. : 2023-RAAR645
Report Date : September 19, 2023

Parameter	Unit	Method of Analysis ^{1'}	Result	Standard ^{2'}
pH	-	Electrometric	7.3	5-9
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode	7.8	30
Total Suspended Solids	mg/L	Dried at 103-105°C	8.9	40
Sulfide	mg/L	ZnS Precipitation, Iodometric	1.3	1.0
Total Dissolved Solids	mg/L	Dried at 180°C	433	785*
Settleable Solids	mL/L	Volumetric	0.4	0.5
Fat Oil and Grease	mg/L	Liquid-Liquid Partition, Gravimetric	4.5	20
Total Kjeldahl Nitrogen	mg/L	Macro-Kjeldahl, Titrimetric	28	35

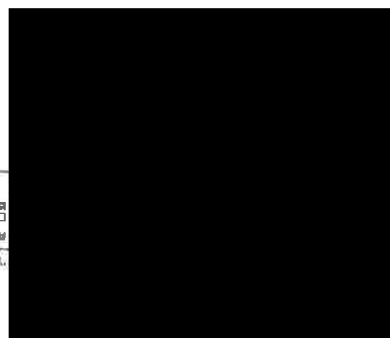
Remark : ^{1'} Standard Method for Examination of Water and Wastewater, 23rd Edition, 2017.

^{2'} Notification of the Ministry of Natural Resources and Environment B.E.2548 (2005), published in the Royal Government Gazette No.122 Part 125D dated December 29, B.E.2548 (2005), Maximum permitted value for building Type B.

* These values are in addition to the Total Dissolved Solids of water used. (The TDS value in the water used in September, 2023 was 285 mg/l)

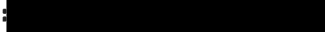


Laboratory Reviewer



Laboratory Supervisor

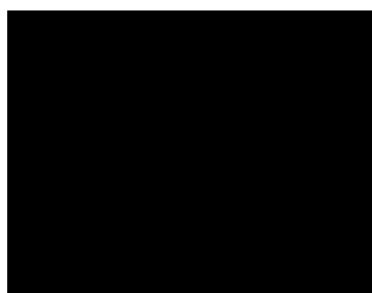
ANALYSIS REPORT

Customer Name : นิติบุคคลอาคารชุด เดอะ ซิตี้ มูชี่
Address : เลขที่ 119 ซอยสุขุมวิท 26 ถนนสุขุมวิท แขวงคลองตัน เขตคลองเตย กรุงเทพมหานคร 10110
Sampling Source : Water Supply Sampling
Sampling Point : คุณภาพน้ำใช้
GPS. Coordinate : UTM (WGS84) 47P 0669878 E, 1517929 N
Sampling Date : September 8, 2023
Sampling Time : 09:58
Sampling Method : Grab
Sampling By : 
Analyzed By : Environment Research & Technology Co., Ltd.
Physical Properties : Clear, Colorless, No Sediment, Odorless

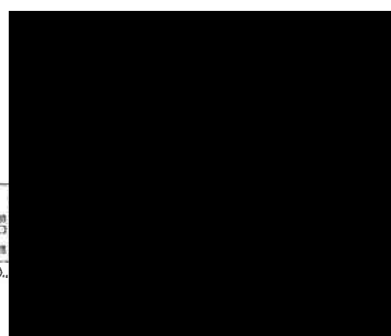
Quotation No. : 2022-01647
Analysis No. : 2023-AD779-002
Received Date : September 8, 2023
Analytical Date : September 8-14, 2023
Report No. : 2023-RAAR652
Report Date : September 19, 2023

Parameter	Unit	Method of Analysis ^{1'}	Result
Total Dissolved Solids	mg/L	Dried at 180°C	285

Remark : ^{1'} Standard Method for Examination of Water and Wastewater, 23rd Edition, 2017.

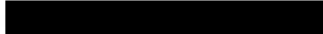


Laboratory Reviewer



Laboratory Supervisor

ANALYSIS REPORT

Customer Name : นิติบุคคลอาคารชุด เดอะ ซิตี้ มูวี่
Address : เลขที่ 119 ซอยสุขุมวิท 26 ถนนสุขุมวิท แขวงคลองตัน เขตคลองเตย กรุงเทพมหานคร 10110
Sampling Source : Wastewater Sampling
Sampling Point : ปอพักน้ำทิ้งสุดท้ายก่อนปล่อยออกสู่สาธารณะ
GPS. Coordinate : UTM (WGS84) 47P 0669885 E, 1517928 N
Sampling Date : October 19, 2023
Sampling Time : 13:21
Sampling Method : Grab
Sampling By : 
Analyzed By : Environment Research & Technology Co., Ltd.
Physical Properties : Turbid, Light Yellow, Sediment, Odor

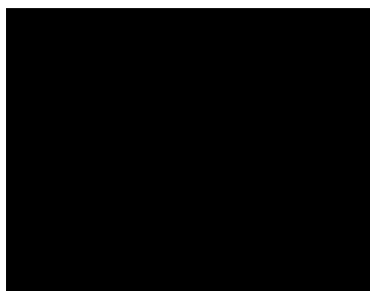
Quotation No. : 2022-01647
Analysis No. : 2023-AE494-001
Received Date : October 20, 2023
Analytical Date : October 20-27, 2023
Report No. : 2023-RAAU582
Report Date : October 31, 2023

Parameter	Unit	Method of Analysis ^{1'}	Result	Standard ^{2'}
pH	-	Electrometric	7.0	5-9
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode	32	30
Total Suspended Solids	mg/L	Dried at 103-105°C	9.0	40
Sulfide	mg/L	ZnS Precipitation, Iodometric	<0.4	1.0
Total Dissolved Solids	mg/L	Dried at 180°C	315	642*
Settleable Solids	mL/L	Volumetric	0.1	0.5
Fat Oil and Grease	mg/L	Liquid-Liquid Partition, Gravimetric	2.6	20
Total Kjeldahl Nitrogen	mg/L	Macro-Kjeldahl, Titrimetric	42	35

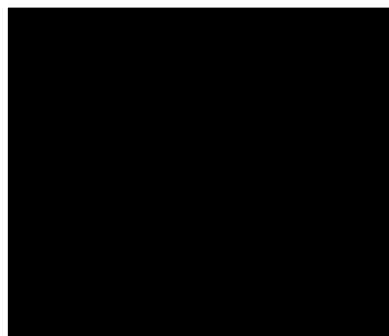
Remark : ^{1'} Standard Method for Examination of Water and Wastewater, 23rd Edition, 2017.

^{2'} Notification of the Ministry of Natural Resources and Environment B.E.2548 (2005), published in the Royal Government Gazette No.122 Part 125D dated December 29, B.E.2548 (2005), Maximum permitted value for building Type B.

* These values are in addition to the Total Dissolved Solids of water used. (The TDS value in the water used in October, 2023 was 142 mg/l)



Laboratory Reviewer



Laboratory Supervisor

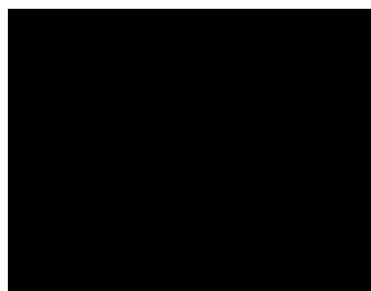
ANALYSIS REPORT

Customer Name : ดิฉันคณลาการชุด เดอะซี้ด มูซี่
Address : เลขที่ 119 ซอยสุขุมวิท 26 ถนนสุขุมวิท แขวงคลองตัน เขตคลองเตย กรุงเทพมหานคร 10110
Sampling Source : Water Supply Sampling
Sampling Point : คุณภาพน้ำไข
GPS. Coordinate : UTM (WGS84) 47P 0669878 E, 1517929 N
Sampling Date : October 19, 2023
Sampling Time : 13:29
Sampling Method : Grab
Sampling By : 
Analyzed By : Environment Research & Technology Co., Ltd.
Physical Properties : Clear, Colorless, No Sediment, Odorless

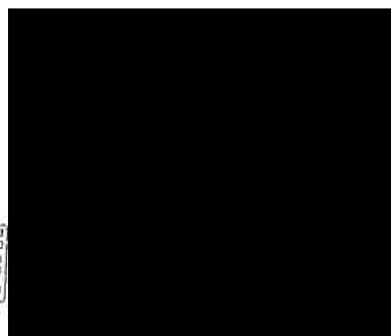
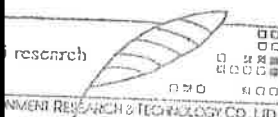
Quotation No. : 2022-01647
Analysis No. : 2023-AE494-002
Received Date : October 20, 2023
Analytical Date : October 20-27, 2023
Report No. : 2023-RAAU583
Report Date : October 31, 2023

Parameter	Unit	Method of Analysis ^{1'}	Result
Total Dissolved Solids	mg/L	Dried at 180°C	142

Remark : ^{1'} Standard Method for Examination of Water and Wastewater, 23rd Edition, 2017.



Laboratory Reviewer



Laboratory Supervisor

ANALYSIS REPORT

Customer Name : นิติบุคคลอาคารชุด เดอะ ซิตี้ มูซี่
Address : เลขที่ 119 ซอยสุขุมวิท 26 ถนนสุขุมวิท แขวงคลองตัน เขตคลองเตย กรุงเทพมหานคร 10110
Sampling Source : Wastewater Sampling
Sampling Point : ปอพักน้ำทิ้งสุดท้ายก่อนปล่อยออกสู่สาธารณะ
GPS. Coordinate : UTM (WGS84) 47P 0669885 E, 1517928 N
Sampling Date : November 28, 2023
Sampling Time : 11:08
Sampling Method : Grab
Sampling By : 
Analyzed By : Environment Research & Technology Co., Ltd.
Physical Properties : Turbid, Light Yellow, Sediment, Odor

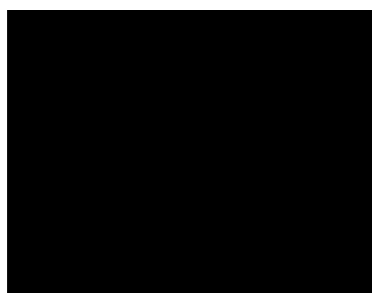
Quotation No. : 2022-01647
Analysis No. : 2023-AF268-001
Received Date : November 29, 2023
Analytical Date : November 29-December 9, 2023
Report No. : 2023-RAAX938
Report Date : December 11, 2023

Parameter	Unit	Method of Analysis ^{1'}	Result	Standard ^{2'}
pH	-	Electrometric	6.6	5-9
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode	87	30
Total Suspended Solids	mg/L	Dried at 103-105°C	56	40
Sulfide	mg/L	ZnS Precipitation, Iodometric	<0.4	1.0
Total Dissolved Solids	mg/L	Dried at 180°C	318	679*
Settleable Solids	mL/L	Volumetric	0.6	0.5
Fat Oil and Grease	mg/L	Liquid-Liquid Partition, Gravimetric	9.8	20
Total Kjeldahl Nitrogen	mg/L	Macro-Kjeldahl, Titrimetric	38	35

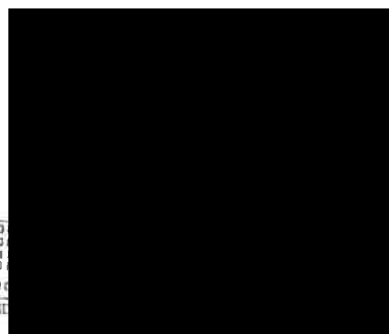
Remark : ^{1'} Standard Method for Examination of Water and Wastewater, 23rd Edition, 2017.

^{2'} Notification of the Ministry of Natural Resources and Environment B.E.2548 (2005), published in the Royal Government Gazette No.122 Part 12SD dated December 29, B.E.2548 (2005), Maximum permitted value for building Type B.

* These values are in addition to the Total Dissolved Solids of water used. (The TDS value in the water used in November, 2023 was 179 mg/l)



Laboratory Reviewer



Laboratory Supervisor

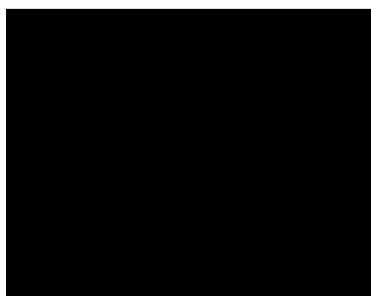
ANALYSIS REPORT

Customer Name : นิติบุคคลอาคารชุด เดอะ ซิตี้ มูวี่
Address : เลขที่ 119 ซอยสุขุมวิท 26 ถนนสุขุมวิท แขวงคลองตัน เขตคลองเตย กรุงเทพมหานคร 10110
Sampling Source : Water Supply Sampling
Sampling Point : คุณภาพน้ำใช้
GPS. Coordinate : UTM (WGS84) 47P 0669878 E, 1517929 N
Sampling Date : November 28, 2023
Sampling Time : 11:16
Sampling Method : Grab
Sampling By : 
Analyzed By : Environment Research & Technology Co., Ltd.
Physical Properties : Clear, Colorless, No Sediment, Odorless

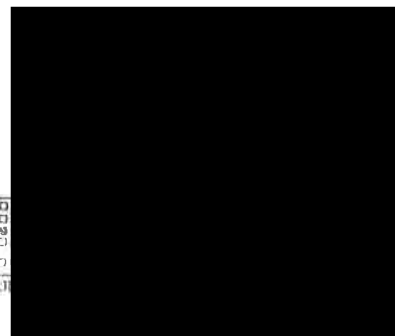
Quotation No. : 2022-01647
Analysis No. : 2023-AF268-002
Received Date : November 29, 2023
Analytical Date : November 29-December 6, 2023
Report No. : 2023-RAAX939
Report Date : December 11, 2023

Parameter	Unit	Method of Analysis ^{1'}	Result
Total Dissolved Solids	mg/L	Dried at 180°C	179

Remark : ^{1'} Standard Method for Examination of Water and Wastewater, 23rd Edition, 2017.



Laboratory Reviewer



Laboratory Supervisor

ANALYSIS REPORT

Customer Name : นิติบุคคลอาคารชุด เดอะ ซิตี้ มูเซ่
Address : เลขที่ 119 ซอยสุขุมวิท 26 ถนนสุขุมวิท แขวงคลองตัน เขตคลองเตย กรุงเทพมหานคร 10110
Sampling Source : Wastewater Sampling
Sampling Point : ปอฟักน้ำทิ้งสุดท้ายก่อนปล่อยออกสู่สาธารณะ
GPS. Coordinate : UTM (WGS84) 47P 0669885 E, 1517928 N
Sampling Date : December 22, 2023
Sampling Time : 09:50
Sampling Method : Grab
Sampling By : 
Analyzed By : Environment Research & Technology Co., Ltd.
Physical Properties : Turbid, Light Yellow, Sediment, Odor

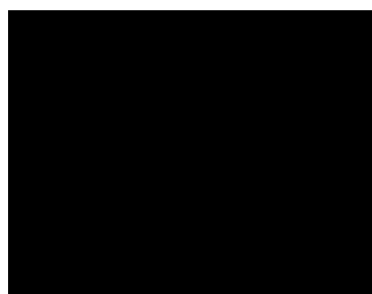
Quotation No. : 2022-01647
Analysis No. : 2023-AF765-001
Received Date : December 22, 2023
Analytical Date : December 22, 2023-January 8, 2024
Report No. : 2024-RAAA302
Report Date : January 9, 2024

Parameter	Unit	Method of Analysis ^{1'}	Result	Standard ^{2'}
pH	-	Electrometric	7.3	5-9
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode	86	30
Total Suspended Solids	mg/L	Dried at 103-105°C	23	40
Sulfide	mg/L	ZnS Precipitation, Iodometric	<0.4	1.0
Total Dissolved Solids	mg/L	Dried at 180°C	386	757*
Settleable Solids	mL/L	Volumetric	<0.1	0.5
Fat Oil and Grease	mg/L	Liquid-Liquid Partition, Gravimetric	2.2	20
Total Kjeldahl Nitrogen	mg/L	Macro-Kjeldahl, Titrimetric	23	35

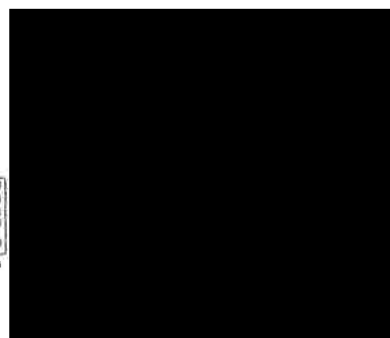
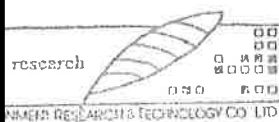
Remark : ^{1'} Standard Method for Examination of Water and Wastewater, 23rd Edition, 2017.

^{2'} Notification of the Ministry of Natural Resources and Environment B.E.2548 (2005), published in the Royal Government Gazette No.122 Part 125D dated December 29, B.E.2548 (2005), Maximum permitted value for building Type B.

* These values are in addition to the Total Dissolved Solids of water used. (The TDS value in the water used in December, 2023 was 257 mg/l)



Laboratory Reviewer



Laboratory Supervisor

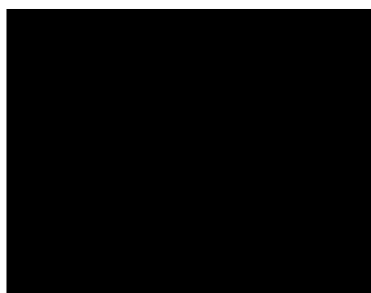
ANALYSIS REPORT

Customer Name : นิติบุคคลอาคารชุด เดอะ ซิตี้ มูชี่
Address : เลขที่ 119 ซอยสุขุมวิท 26 ถนนสุขุมวิท แขวงคลองตัน เขตคลองเตย กรุงเทพมหานคร 10110
Sampling Source : Water Supply Sampling
Sampling Point : คุณภาพน้ำใช้
GPS. Coordinate : UTM (WGS84) 47P 0669878 E, 1517929 N
Sampling Date : December 22, 2023
Sampling Time : 09:55
Sampling Method : Grab
Sampling By : 
Analyzed By : Environment Research & Technology Co., Ltd.
Physical Properties : Clear, Colorless, No Sediment, Odorless

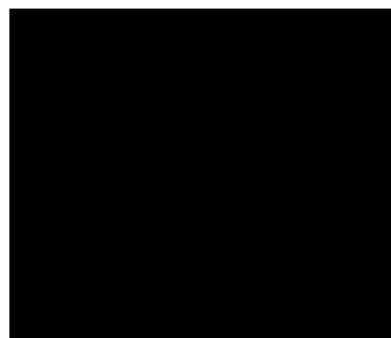
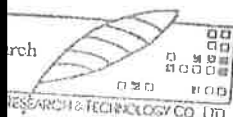
Quotation No. : 2022-01647
Analysis No. : 2023-AF765-002
Received Date : December 22, 2023
Analytical Date : December 22, 2023-January 5, 2024
Report No. : 2024-RAAA303
Report Date : January 9, 2024

Parameter	Unit	Method of Analysis ^{1'}	Result
Total Dissolved Solids	mg/L	Dried at 180°C	257

Remark : ^{1'} Standard Method for Examination of Water and Wastewater, 23rd Edition, 2017.



Laboratory Reviewer



Laboratory Supervisor