

ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ณ รีวา เจริญนคร
Project Name : โครงการ ณ รีวา เจริญนคร
Address Project : เลขที่ 366 ชั้นที่ 1 ถนนเจริญนคร แขวงสำเหร่
เขตธนบุรี กรุงเทพมหานคร 10600
Sampling Point : ถังกรอง (น้ำเสียก่อนการบำบัด)
GPS. Coordinate : 47 P 661222 E 1515822 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68057
Sample No. : W68057/1
Sample Type : Wastewater
Sampling Date : 21 January 2025
Sampling Time : 11.30 a.m.
Received Date : 22 January 2025
Analytical Date : 22 – 31 January 2025
Report Date : 03 February 2025

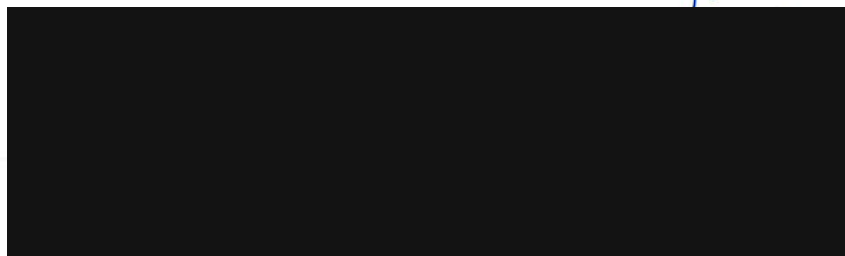
Parameter	Unit	Analytical Method ^{1/}	Result
pH at 25 °C	-	Electrometric Method (4500-H ⁺ B)	7.9
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	19.3
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	340
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	48.6
Fat, Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	2.4
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	0.91
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	< 0.1
Total Kjeldahl Nitrogen * ^{2/}	mg/L N	APHA:4500-Norg (B) ^{3/}	40.02
Sample Appearance		Yellow/Turbid/Little Sediment/Smelly	

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ณ รีวา เจริญนคร
Project Name : โครงการ ณ รีวา เจริญนคร
Address Project : เลขที่ 366 ชั้นที่ 1 ถนนเจริญนคร แขวงสำเหร่
 เขตธนบุรี กรุงเทพมหานคร 10600
Sampling Point : บ่อตรวจคุณภาพน้ำ (หลังการบำบัด)
 บริเวณบ่อกักน้ำสุดท้ายก่อนปล่อยออกถนนสาธารณะ
GPS. Coordinate : 47 P 661234 E 1515815 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68057
Sample No. : W68057/2
Sample Type : Wastewater
Sampling Date : 21 January 2025
Sampling Time : 11.35 a.m.
Received Date : 22 January 2025
Analytical Date : 22 – 31 January 2025
Report Date : 03 February 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 25 °C	-	Electrometric Method (4500-H ⁺ B)	7.8	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	16.4	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	332	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	19.3	≤ 30
Fat, Oil and Grease	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0	≤ 20
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	< 0.60	-
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	0.1	≤ 1.0
Total Kjeldahl Nitrogen * ^{2/}	mg/L N	APHA:4500-Norg (B) ^{3/}	10.58	≤ 35
Sample Appearance		Yellow/Turbid/Little Sediment/Odorless		

Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024), Building type B.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคณาการชุด ณ รีวา เจริญนคร
Project Name : โครงการ ณ รีวา เจริญนคร
Address Project : เลขที่ 366 ชั้นที่ 1 ถนนเจริญนคร แขวงสำเหร่
 เขตธนบุรี กรุงเทพมหานคร 10600
Sampling Point : สระว่ายน้ำ
GPS. Coordinate : 47 P 661201 E 1515816 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

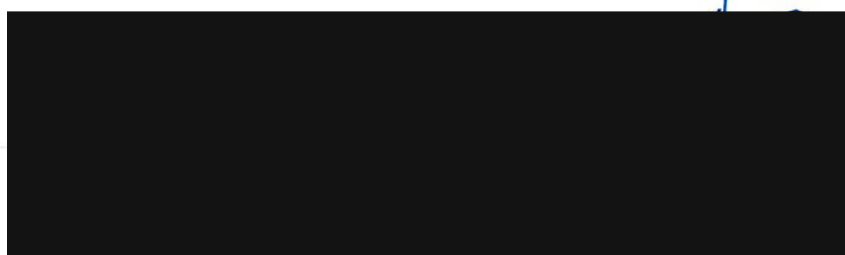
Customer Code : W68057
Sample No : W68057/3
Sample Type : Swimming pool Water
Sampling Date : 21 January 2025
Sampling Time : 11.15 a.m.
Received Date : 22 January 2025
Analytical Date : 22 – 24 January 2025
Report Date : 27 January 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Sample Appearance		Clear/Odorless		

Standard : Public Health Commission Recommendation (No. 1) B.E. 2550 (2007), on the control of the operation swimming pools or other.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ณ รีวา เจริญนคร
Project Name : โครงการ ณ รีวา เจริญนคร
Address Project : เลขที่ 366 ชั้นที่ 1 ถนนเจริญนคร แขวงสำเหร่
เขตธนบุรี กรุงเทพมหานคร 10600
Sampling Point : ถังเกรอะ (น้ำเสียก่อนการบำบัด)
GPS. Coordinate : 47 P 661222 E 1515822 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68057
Sample No. : W68057/1
Sample Type : Wastewater
Sampling Date : 18 February 2025
Sampling Time : 02.20 p.m.
Received Date : 19 February 2025
Analytical Date : 19 – 28 February 2025
Report Date : 03 March 2025

Parameter	Unit	Analytical Method ^{1/}	Result
pH at 25.7 °C	-	Electrometric Method (4500-H ⁺ B)	8.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	18.7
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	355
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	50.2
Fat, Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	2.3
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	0.91
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	< 0.1
Total Kjeldahl Nitrogen * ^{2/}	mg/L N	APHA:4500-Norg (B) ^{3/}	45.44
Sample Appearance		Yellow/Turbid/Little Sediment/Smelly	

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.

ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ณ รีวา เจริญนคร
Project Name : โครงการ ณ รีวา เจริญนคร
Address Project : เลขที่ 366 ชั้นที่ 1 ถนนเจริญนคร แขวงสำเหร่
 เขตธนบุรี กรุงเทพมหานคร 10600
Sampling Point : บ่อตรวจคุณภาพน้ำ (หลังการบำบัด)
 บริเวณบ่อกักน้ำสุดท้ายก่อนปล่อยออกถนนสาธารณะ
GPS. Coordinate : 47 P 661234 E 1515815 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68057
Sample No. : W68057/2
Sample Type : Wastewater
Sampling Date : 18 February 2025
Sampling Time : 02.30 p.m.
Received Date : 19 February 2025
Analytical Date : 19 – 28 February 2025
Report Date : 03 March 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 25.4 °C	-	Electrometric Method (4500-H ⁺ B)	7.9	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	15.6	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	347	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	18.0	≤ 30
Fat, Oil and Grease	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0	≤ 20
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	< 0.60	≤ 1.0
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	0.2	-
Total Kjeldahl Nitrogen * ^{2/}	mg/L N	APHA:4500-Norg (B) ^{3/}	11.52	≤ 35
Sample Appearance		Yellow/Turbid/Little Sediment/Odorless		

Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024)., Building type B.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคณาการชุด ณ รีวา เจริญนคร
Project Name : โครงการ ณ รีวา เจริญนคร
Address Project : เลขที่ 366 ชั้นที่ 1 ถนนเจริญนคร แขวงสำเหร่
เขตธนบุรี กรุงเทพมหานคร 10600
Sampling Point : สระว่ายน้ำ
GPS. Coordinate : 47 P 661201 E 1515816 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

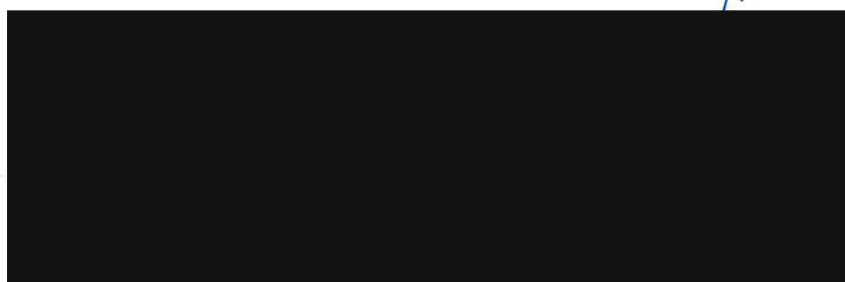
Customer Code : W68057
Sample No : W68057/3
Sample Type : Swimming pool Water
Sampling Date : 18 February 2025
Sampling Time : 02.10 p.m.
Received Date : 19 February 2025
Analytical Date : 19 – 21 February 2025
Report Date : 24 February 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Sample Appearance		Clear/Odorless		

Standard : Public Health Commission Recommendation (No. 1) B.E. 2550 (2007), on the control of the operation swimming pools or other.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

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ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ณ รีวา เจริญนคร
Project Name : โครงการ ณ รีวา เจริญนคร
Address Project : เลขที่ 366 ชั้นที่ 1 ถนนเจริญนคร แขวงสำเหร่
เขตธนบุรี กรุงเทพมหานคร 10600
Sampling Point : ถังเกราะ (น้ำเสียก่อนการบำบัด)
GPS. Coordinate : 47 P 661222 E 1515822 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68057
Sample No. : W68057/1
Sample Type : Wastewater
Sampling Date : 26 March 2025
Sampling Time : 11.17 a.m.
Received Date : 27 March 2025
Analytical Date : 27 March – 04 April 2025
Report Date : 07 April 2025

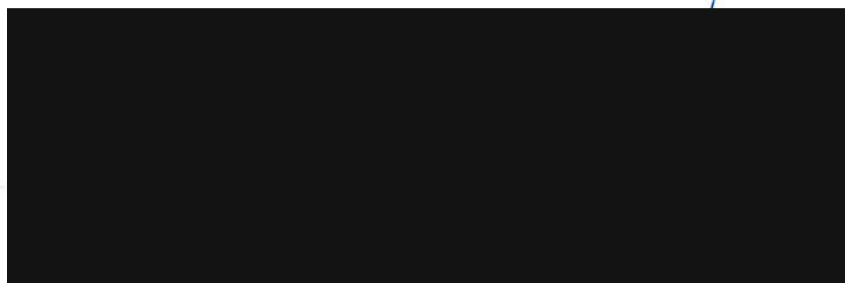
Parameter	Unit	Analytical Method ^{1/}	Result
pH at 25.7 °C	-	Electrometric Method (4500-H ⁺ B)	8.1
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	19.6
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	318
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	51.3
Fat, Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	2.2
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	1.00
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	< 0.1
Total Kjeldahl Nitrogen * ^{2/}	mg/L N	APHA:4500-Norg (B) ^{3/}	57
Sample Appearance		Yellow/Turbid/Little Sediment/Smelly	

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ณ รีวา เจริญนคร
 Project Name : โครงการ ณ รีวา เจริญนคร
 Address Project : เลขที่ 366 ชั้นที่ 1 ถนนเจริญนคร แขวงลำแหร
 เขตธนบุรี กรุงเทพมหานคร 10600
 Sampling Point : บ่อตรวจคุณภาพน้ำ (หลังการบำบัด)
 บริเวณบ่อพักน้ำสุดท้ายก่อนปล่อยออกถนนสาธารณะ
 GPS. Coordinate : 47 P 661234 E 1515815 N
 Sampling By : TNP ENVIRONMENT CO.,LTD.
 Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68057
 Sample No. : W68057/2
 Sample Type : Wastewater
 Sampling Date : 26 March 2025
 Sampling Time : 11.09 a.m.
 Received Date : 27 March 2025
 Analytical Date : 27 March – 04 April 2025
 Report Date : 07 April 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 25.4 °C	-	Electrometric Method (4500-H ⁺ B)	8.2	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	15.0	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	348	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	18.4	≤ 30
Fat, Oil and Grease	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0	≤ 20
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	< 0.60	≤ 1.0
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	0.5	-
Total Kjeldahl Nitrogen ^{2/}	mg/L N	APHA:4500-Norg (B) ^{3/}	49	≤ 35
Sample Appearance		Yellow/Turbid/Little Sediment/Odorless		

Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024), Building type B.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

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ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิตินุศลาคารชุด ณ รีวา เจริญนคร
 Project Name : โครงการ ณ รีวา เจริญนคร
 Address Project : เลขที่ 366 ชั้นที่ 1 ถนนเจริญนคร แขวงสำเหร่
 เขตธนบุรี กรุงเทพมหานคร 10600
 Sampling Point : สระว่ายน้ำ
 GPS. Coordinate : 47 P 661201 E 1515816 N
 Sampling By : TNP ENVIRONMENT CO.,LTD.
 Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68057
 Sample No : W68057/3
 Sample Type : Swimming pool Water
 Sampling Date : 26 March 2025
 Sampling Time : 11.28 a.m.
 Received Date : 27 March 2025
 Analytical Date : 27 – 29 March 2025
 Report Date : 31 March 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Sample Appearance		Clear/Odorless		

Standard : Public Health Commission Recommendation (No. 1) B.E. 2550 (2007), on the control of the operation swimming pools or other.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

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ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ณ รีวา เจริญนคร
Project Name : โครงการ ณ รีวา เจริญนคร
Address Project : เลขที่ 366 ชั้นที่ 1 ถนนเจริญนคร แขวงสำเหร่
เขตธนบุรี กรุงเทพมหานคร 10600
Sampling Point : ถังเกราะ (น้ำเสียก่อนการบำบัด)
GPS. Coordinate : 47 P 661220 E 1515821 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68057
Sample No. : W68057/1
Sample Type : Wastewater
Sampling Date : 21 April 2025
Sampling Time : 04.16 p.m.
Received Date : 22 April 2025
Analytical Date : 22 April – 02 May 2025
Report Date : 05 May 2025

Parameter	Unit	Analytical Method ^{1/}	Result
pH at 27.4 °C	-	Electrometric Method (4500-H ⁺ B)	7.7
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	18.7
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	402
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	34.4
Fat, Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	1.19
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	0.2
Total Kjeldahl Nitrogen ^{*2/}	mg/L N	APHA:4500-Norg (B) ^{3/}	52
Sample Appearance		Yellow/Turbid/Little Sediment/Smelly	

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th edition 2023.
^{2/} Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.
^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.
* This item is out the scope ISO/IEC 17025:2017 Accreditation.



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ณ ริ้วา เจริญนคร
Project Name : โครงการ ณ ริ้วา เจริญนคร
Address Project : เลขที่ 366 ชั้นที่ 1 ถนนเจริญนคร แขวงสำเหร่
เขตธนบุรี กรุงเทพมหานคร 10600
Sampling Point : บ่อตรวจคุณภาพน้ำ (หลังการบำบัด) บริเวณบ่อกักน้ำ
สุดท้ายก่อนปล่อยออกถนนสาธารณะหน้าโครงการ
GPS. Coordinate : 47 P 661237 E 1515810 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68057
Sample No. : W68057/2
Sample Type : Wastewater
Sampling Date : 21 April 2025
Sampling Time : 04.28 p.m.
Received Date : 22 April 2025
Analytical Date : 22 April – 02 May 2025
Report Date : 05 May 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 26.2 °C	-	Electrometric Method (4500-H ⁺ B)	7.8	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	7.4	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	371	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	18.0	≤ 30
Fat, Oil and Grease	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0	≤ 20
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	< 0.60	≤ 1.0
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	0.2	-
Total Kjeldahl Nitrogen ^{2/}	mg/L N	APHA:4500-Norg (B) ^{3/}	43	≤ 35
Sample Appearance		Yellow/Turbid/Little Sediment/Odorless		

Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024), Building type B.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ณ รีวา เจริญนคร
Project Name : โครงการ ณ รีวา เจริญนคร
Address Project : เลขที่ 366 ชั้นที่ 1 ถนนเจริญนคร แขวงสำเหร่
เขตธนบุรี กรุงเทพมหานคร 10600
Sampling Point : สระว่ายน้ำ
GPS. Coordinate : 47 P 661203 E 1515798 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68057
Sample No : W68057/3
Sample Type : Swimming pool Water
Sampling Date : 21 April 2025
Sampling Time : 04.37 p.m.
Received Date : 22 April 2025
Analytical Date : 22 April – 02 May 2025
Report Date : 05 May 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Sample Appearance		Clear/Odorless		

Standard : Public Health Commission Recommendation (No. 1) B.E. 2550 (2007), on the control of the operation swimming pools or other.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ณ ริ้วา เจริญนคร
Project Name : โครงการ ณ ริ้วา เจริญนคร
Address Project : เลขที่ 366 ชั้นที่ 1 ถนนเจริญนคร แขวงสำเหร่
เขตธนบุรี กรุงเทพมหานคร 10600
Sampling Point : บ่อตรวจคุณภาพน้ำ (หลังการบำบัด) บริเวณบ่อกักน้ำ
สุดท้ายก่อนปล่อยออกถนนสาธารณะหน้าโครงการ
GPS. Coordinate : 47 P 661236 E 1515814 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68057
Sample No. : W68057/2
Sample Type : Wastewater
Sampling Date : 06 May 2025
Sampling Time : 11.37 a.m.
Received Date : 07 May 2025
Analytical Date : 07 – 20 May 2025
Report Date : 21 May 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 24.2 °C	-	Electrometric Method (4500-H ⁺ B)	8.1	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	6.4	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	228	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	19.4	≤ 30
Fat, Oil and Grease	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0	≤ 20
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	< 0.60	≤ 1.0
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	0.2	-
Total Kjeldahl Nitrogen ^{2/}	mg/L N	APHA:4500-Norg (B) ^{3/}	51	≤ 35
Sample Appearance		Yellow/Clear/Little Sediment/Odorless		

Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024)., Building type B.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ณ รีวา เจริญนคร
 Project Name : โครงการ ณ รีวา เจริญนคร
 Address Project : เลขที่ 366 ชั้นที่ 1 ถนนเจริญนคร แขวงสำเหร่
 เขตธนบุรี กรุงเทพมหานคร 10600
 Sampling Point : สระว่ายน้ำ
 GPS. Coordinate : 47 P 661197 E 1515814 N
 Sampling By : TNP ENVIRONMENT CO.,LTD.
 Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68057
 Sample No : W68057/3
 Sample Type : Swimming pool Water
 Sampling Date : 06 May 2025
 Sampling Time : 11.13 a.m.
 Received Date : 07 May 2025
 Analytical Date : 07 – 19 May 2025
 Report Date : 20 May 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Sample Appearance		Clear/Odorless		

Standard : Public Health Commission Recommendation (No. 1) B.E. 2550 (2007), on the control of the operation swimming pools or other.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



ANALYSIS REPORT

Data Provided by Customer

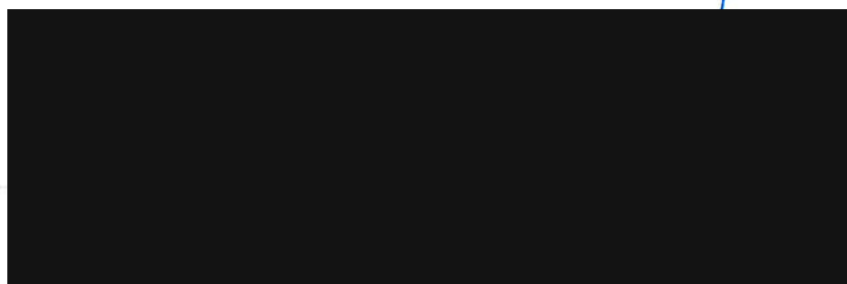
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Project Name : โครงการ ณ รีวา เจริญนคร
Address Project : เลขที่ 366 ชั้นที่ 1 ถนนเจริญนคร แขวงสำเหร่
เขตธนบุรี กรุงเทพมหานคร 10600
Sampling Point : ถังเกรอะ (น้ำเสียก่อนการบำบัด)
GPS. Coordinate : 47 P 661217 E 1515822 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68057
Sample No. : W68057/1
Sample Type : Wastewater
Sampling Date : 06 May 2025
Sampling Time : 11.26 a.m.
Received Date : 07 May 2025
Analytical Date : 07 – 20 May 2025
Report Date : 21 May 2025

Parameter	Unit	Analytical Method ^{1/}	Result
pH at 24.3 °C	-	Electrometric Method (4500-H ⁺ B)	7.8
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	12.6
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	444
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	76.0
Fat, Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	1.45
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	1.0
Total Kjeldahl Nitrogen * ^{2/}	mg/L N	APHA:4500-Norg (B) ^{3/}	74
Sample Appearance		Yellow/Turbid/Sediment/Smelly	

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th edition 2023.
^{2/} Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.
^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.
* This item is out the scope ISO/IEC 17025:2017 Accreditation.



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบুদ্ধคลอการชุด ณ รีวา เจริญนคร
Project Name : โครงการ ณ รีวา เจริญนคร
Address Project : เลขที่ 366 ชั้นที่ 1 ถนนเจริญนคร แขวงลำแหร
เขตธนบุรี กรุงเทพมหานคร 10600
Sampling Point : สระว่ายน้ำ
GPS. Coordinate : 47 P 661208 E 1515804 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68057
Sample No : W68057/3
Sample Type : Swimming pool Water
Sampling Date : 04 June 2025
Sampling Time : 12.23 p.m.
Received Date : 05 June 2025
Analytical Date : 05 – 20 June 2025
Report Date : 23 June 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.3 °C	-	Electrometric Method (4500-H ⁺ B)	8.4	7.2-8.4
Free Chlorine *	mg/L	Iodometric Method (4500-Cl B)	0.8	0.6-1.0
Alkalinity *	mg/L as CaCO ₃	Titration Method (2320 B)	98.6	80-100
Calcium Hardness *	mg/L as CaCO ₃	EDTA Titrimetric Method (3500-Ca B)	160	250-600
Chloride *	mg/L	Argentometric Method (4500-Cl ⁻ B)	> 1,000	≤ 600
Cyanuric Acid ^{2/}	mg/L	Colorimetric ^{3/}	16	30-60
Ammonia ^{2/}	mg/L	APHA:4500-NH ₃ (C) ^{3/}	< 0.14	≤ 20
Nitrate ^{2/}	mg/L	APHA:4500-NO ₃ (D) ^{3/}	1.8	≤ 50
Combine Chlorine ^{2/}	mg/L	APHA:4500-Cl (G) ^{3/}	< 0.1	0.5-1.0
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	Not Detected	Not Detected
Sample Appearance		Clear/Odorless		

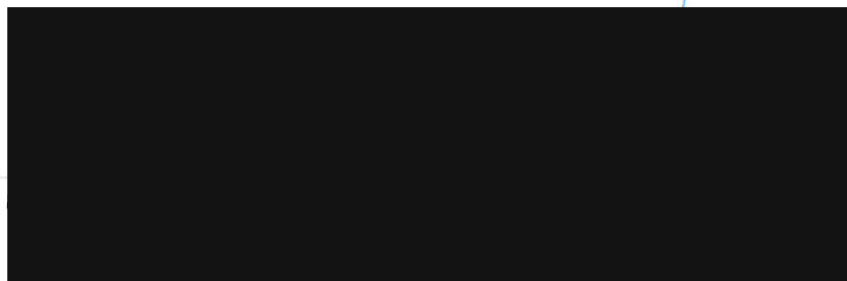
Standard : Public Health Commission Recommendation (No. 1) B.E. 2550 (2007), on the control of the operation swimming pools or other.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



ANALYSIS REPORT

Data Provided by Customer

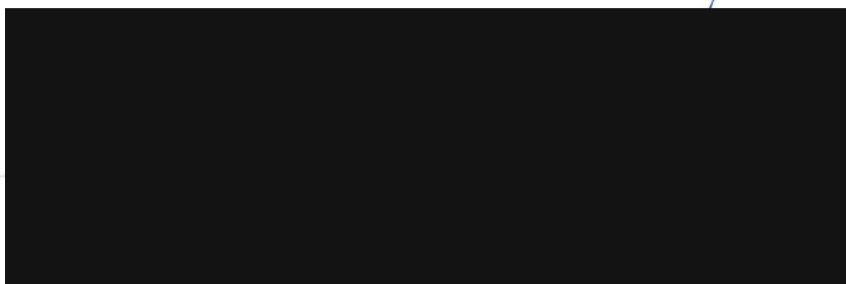
Customer Name : นิติบุคคลอาคารชุด ณ รีวา เจริญนคร
Project Name : โครงการ ณ รีวา เจริญนคร
Address Project : เลขที่ 366 ชั้นที่ 1 ถนนเจริญนคร แขวงสำเหร่
เขตธนบุรี กรุงเทพมหานคร 10600
Sampling Point : ถังเกราะ (น้ำเสียก่อนการบำบัด)
GPS. Coordinate : 47 P 661222 E 1515821 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68057
Sample No. : W68057/1
Sample Type : Wastewater
Sampling Date : 04 June 2025
Sampling Time : 12.36 p.m.
Received Date : 05 June 2025
Analytical Date : 05 – 20 June 2025
Report Date : 23 June 2025

Parameter	Unit	Analytical Method ^{1/}	Result
pH at 23.5 °C	-	Electrometric Method (4500-H ⁺ B)	7.9
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	14.6
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	412
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Azide Modification (4500-O C, 5210 B)	33.9
Fat, Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	1.31
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	< 0.1
Total Kjeldahl Nitrogen * ^{2/}	mg/L N	APHA:4500-Norg (B) ^{3/}	59
Sample Appearance		Yellow/Turbid/Sediment/Smelly	

- Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.
^{2/} Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.
^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.
* This item is out the scope ISO/IEC 17025:2017 Accreditation.



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ณ รีวา เจริญนคร
Project Name : โครงการ ณ รีวา เจริญนคร
Address Project : เลขที่ 366 ชั้นที่ 1 ถนนเจริญนคร แขวงสำเหร่
เขตธนบุรี กรุงเทพมหานคร 10600
Sampling Point : บ่อตรวจคุณภาพน้ำ (หลังการบำบัด)
บริเวณบ่อกักน้ำสุดท้ายก่อนปล่อยออกถนนสาธารณะหน้าโครงการ
GPS. Coordinate : 47 P 661249 E 1515796 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68057
Sample No. : W68057/2
Sample Type : Wastewater
Sampling Date : 04 June 2025
Sampling Time : 12.31 p.m.
Received Date : 05 June 2025
Analytical Date : 05 – 20 June 2025
Report Date : 23 June 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.3 °C	-	Electrometric Method (4500-H ⁺ B)	8.0	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	< 5.0	≤ 30
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	314	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Azide Modification (4500-O C, 5210 B)	15.3	≤ 20
Fat, Oil and Grease	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0	≤ 20
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	< 0.60	-
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	< 0.1	≤ 1.0
Total Kjeldahl Nitrogen ^{2/}	mg/L N	APHA:4500-Norg (B) ^{3/}	37	≤ 35
Sample Appearance		Yellow/Clear/Little Sediment/Odorless		

Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024), Building type A.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.

