

ภาคผนวก ง

ผลการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม



คุณภาพน้ำทิ้ง



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ฮาสู เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
 เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : น้ำเสียก่อนบำบัด (อาคาร A)
GPS. Coordinate : 47 P 673266 E 1516716 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

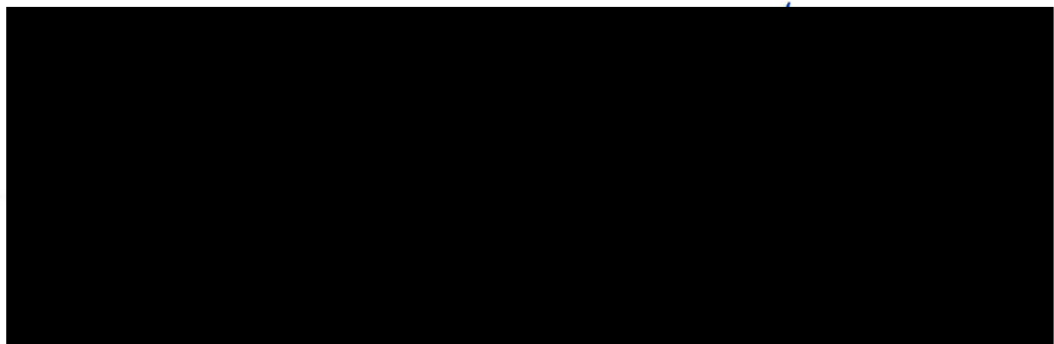
Report No. : W68025
Sample No. : W68025/1
Sample Type : Wastewater
Sampling Date : 29 January 2025
Sampling Time : 02.20 p.m.
Received Date : 30 January 2025
Analytical Date : 30 January – 10 February 2025
Report Date : 11 February 2025

Parameter	Unit	Analytical Method ^{1/}	Result
pH at 25 °C	-	Electrometric Method (4500-H ⁺ B)	7.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	31.1
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	369
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	202
Fat, Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	1.50
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	0.1
Total Kjeldahl Nitrogen* ^{2/}	mg/L	Based on Standard Methods for Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, part 4500-Norg B and part 4500-NH ₃ C	99.82
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 SGS (Thailand) Limited, Environmental Laboratory (Rayong Branch) registration number Wo-197.

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ฮาสู เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : น้ำเสียออกจากระบบบำบัด (อาคาร A)
GPS. Coordinate : 47 P 673268 E 1516699 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/2
Sample Type : Wastewater
Sampling Date : 29 January 2025
Sampling Time : 02.16 p.m.
Received Date : 30 January 2025
Analytical Date : 30 January – 10 February 2025
Report Date : 1 February 2025

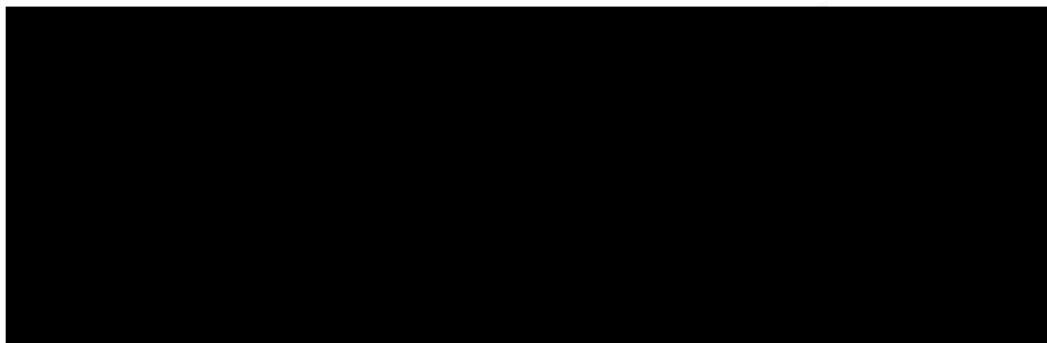
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 25 °C	-	Electrometric Method (4500-H ⁺ B)	7.4	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	12.0	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	218	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	23.0	≤ 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)	0.1	-
Total Kjeldahl Nitrogen * ^{2/}	mg/L	Based on Standard Methods for Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, part 4500-Norg B and part 4500-NH ₃ C	30.55	≤ 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 SGS (Thailand) Limited, Environmental Laboratory (Rayong Branch) registration number Wo-197.

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ฮาสู เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
 เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : น้ำเสียก่อนบำบัด (อาคาร B)
GPS. Coordinate : 47 P 673288 E 1516680 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

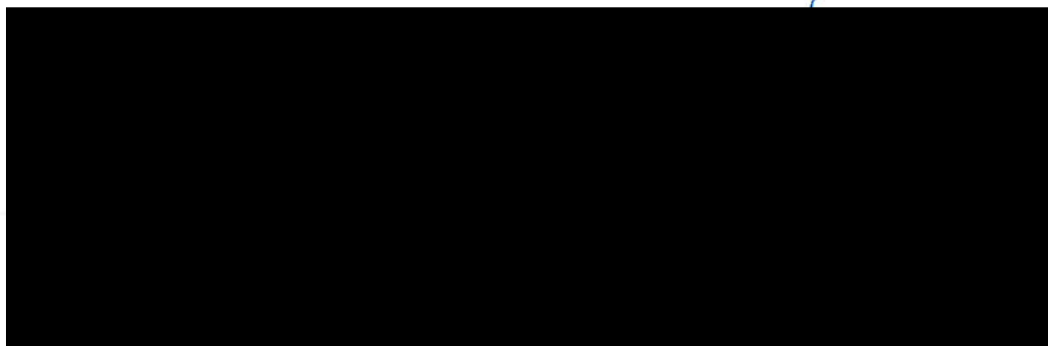
Report No. : W68025
Sample No. : W68025/3
Sample Type : Wastewater
Sampling Date : 29 January 2025
Sampling Time : 02.29 p.m.
Received Date : 30 January 2025
Analytical Date : 30 January – 10 February 2025
Report Date : 11 February 2025

Parameter	Unit	Analytical Method ^{1/}	Result
pH at 25 °C	-	Electrometric Method (4500-H ⁺ B)	6.5
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	41.4
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	484
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	179
Fat, Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	1.02
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	< 0.1
Total Kjeldahl Nitrogen* ^{2/}	mg/L	Based on Standard Methods for Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, part 4500-Norg B and part 4500-NH ₃ C	83.64
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 SGS (Thailand) Limited, Environmental Laboratory (Rayong Branch) registration number Wo-197.

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ฮาสู เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : น้ำเสียออกจากระบบบำบัด (อาคาร B)
GPS. Coordinate : 47 P 673282 E 1516687 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/4
Sample Type : Wastewater
Sampling Date : 29 January 2025
Sampling Time : 02.26 p.m.
Received Date : 30 January 2025
Analytical Date : 30 January – 10 February 2025
Report Date : 11 February 2025

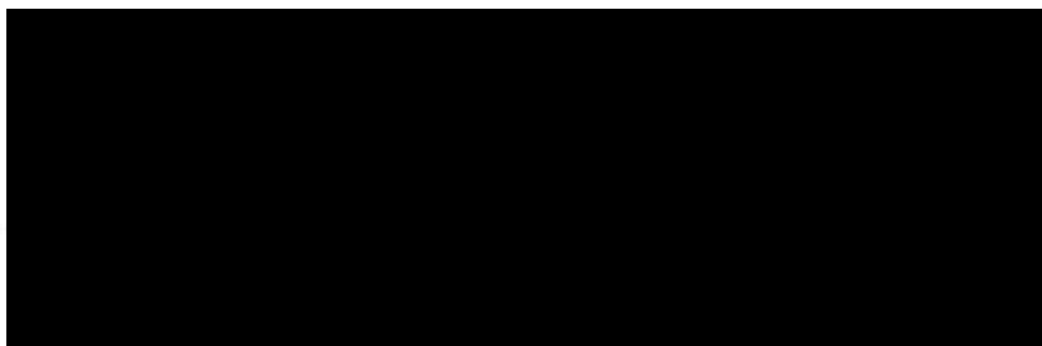
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 25 °C	-	Electrometric Method (4500-H ⁺ B)	6.7	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	27.8	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	144	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	21.4	≤ 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)	0.1	-
Total Kjeldahl Nitrogen * ^{2/}	mg/L	Based on Standard Methods for Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, part 4500-Norg B and part 4500-NH ₃ C	24.33	≤ 35
Sample Appearance		Yellow/Turbid/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 SGS (Thailand) Limited, Environmental Laboratory (Rayong Branch) registration number Wo-197.

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ฮาสุ เฮาส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : น้ำเสียก่อนบำบัด (อาคาร A)
GPS. Coordinate : 47 P 673272 E 1516715 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/1
Sample Type : Wastewater
Sampling Date : 21 February 2025
Sampling Time : 10.29 a.m.
Received Date : 22 February 2025
Analytical Date : 22 February – 05 March 2025
Report Date : 06 March 2025

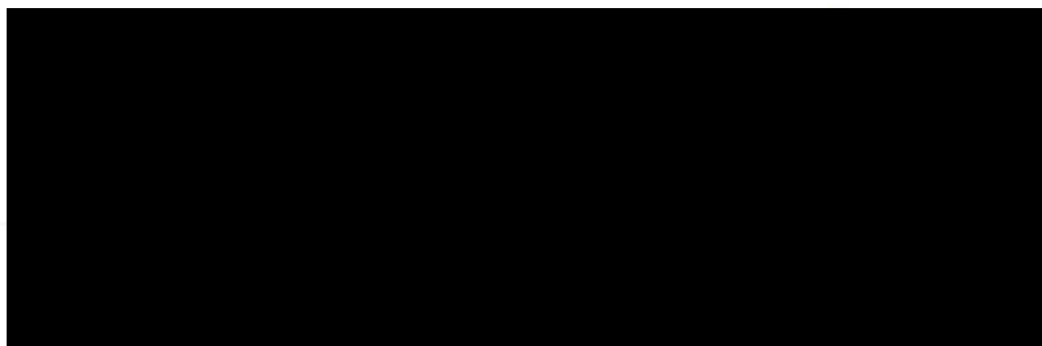
Parameter	Unit	Analytical Method ^{1/}	Result
pH at 22.7 °C	-	Electrometric Method (4500-H ⁺ B)	7.4
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	72.7
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	378
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	38.2
Fat, Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	2.3
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	1.80
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	0.1
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B)	63
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 SGS (Thailand) Limited, Environmental Laboratory (Rayong Branch) registration number Wo-197.

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

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ฮาสุ เฮาส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : น้ำเสียก่อนบำบัด (อาคาร B)
GPS. Coordinate : 47 P 673289 E 1516680 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/3
Sample Type : Wastewater
Sampling Date : 21 February 2025
Sampling Time : 10.20 a.m.
Received Date : 22 February 2025
Analytical Date : 22 February – 05 March 2025
Report Date : 06 March 2025

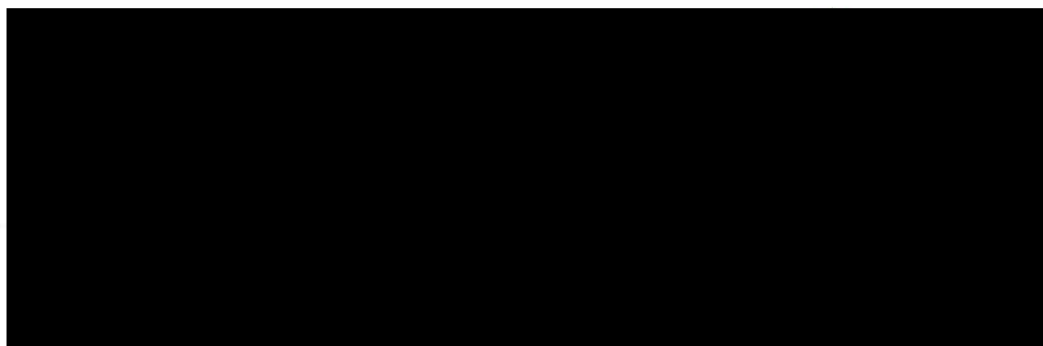
Parameter	Unit	Analytical Method ^{1/}	Result
pH at 23.0 °C	-	Electrometric Method (4500-H ⁺ B)	7.8
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	66.7
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	374
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	18.4
Fat, Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	< 0.60
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	0.4
Total Kjeldahl Nitrogen ^{2/}	mg/L	APHA:4500-Norg (B)	21
Sample Appearance		Yellow/Turbid/Sediment/Odorless	

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

^{2/} Analyzed by SGS (Thailand) Limited, Environmental Laboratory (Rayong Branch) registration number Wo-197.

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

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ฮาสู เฮาส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : น้ำเสียออกจากระบบบำบัด (อาคาร A)
GPS. Coordinate : 47 P 673270 E 1516707 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/2
Sample Type : Wastewater
Sampling Date : 21 February 2025
Sampling Time : 10.24 a.m.
Received Date : 22 February 2025
Analytical Date : 22 February – 05 March 2025
Report Date : 06 March 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.1 °C	-	Electrometric Method (4500-H ⁺ B)	7.3	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	41.5	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	376	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	19.9	≤ 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)	0.1	-
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B)	39	≤ 35
Sample Appearance		Yellow/Turbid/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 SGS (Thailand) Limited, Environmental Laboratory (Rayong Branch) registration number Wo-197.

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

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

ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ฮาสู เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
 เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : น้ำเสียออกจากระบบบำบัด (อาคาร B)
GPS. Coordinate : 47 P 673288 E 1516696 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/4
Sample Type : Wastewater
Sampling Date : 21 February 2025
Sampling Time : 10.13 a.m.
Received Date : 22 February 2025
Analytical Date : 22 February – 05 March 2025
Report Date : 06 March 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.4 °C	-	Electrometric Method (4500-H ⁺ B)	7.2	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	25.9	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	364	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	13.1	≤ 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)	0.6	-
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B)	7.8	≤ 35
Sample Appearance		Yellow/Turbid/Sediment/Odorless		

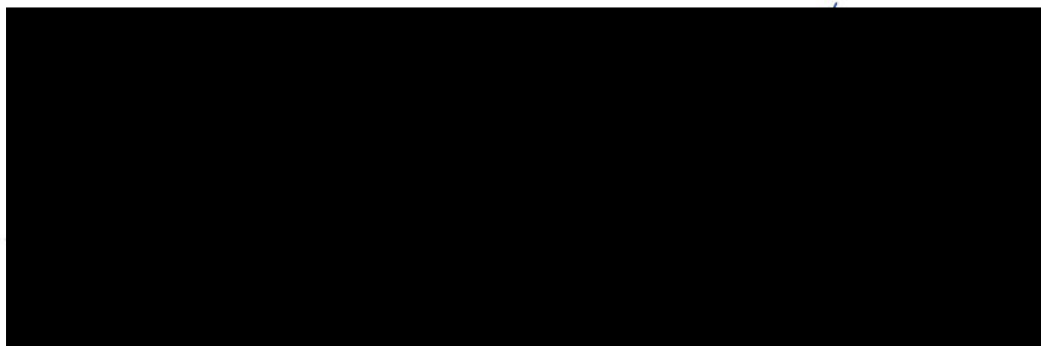
Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024). , Building type B.

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

^{2/} Analyzed by SGS (Thailand) Limited, Environmental Laboratory (Rayong Branch) registration number Wo-197.

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

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ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ฮาสู เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : น้ำเสียก่อนบำบัด (อาคาร A)
GPS. Coordinate : 47 P 673272 E 1516715 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/1
Sample Type : Wastewater
Sampling Date : 21 March 2025
Sampling Time : 02.15 p.m.
Received Date : 22 March 2025
Analytical Date : 22 March – 01 April 2025
Report Date : 02 April 2025

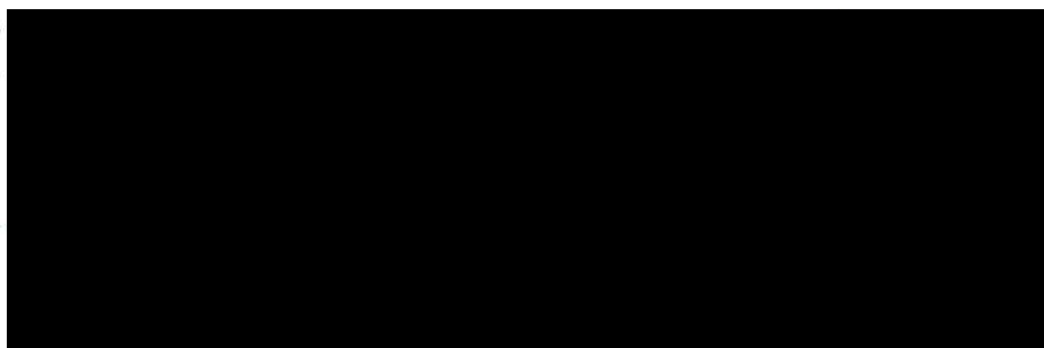
Parameter	Unit	Analytical Method ^{1/}	Result
pH at 22.6 °C	-	Electrometric Method (4500-H ⁺ B)	8.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	82.6
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	392
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	19.4
Fat, Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	2.4
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	< 0.60
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	0.1
Total Kjeldahl Nitrogen* ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	65
Sample Appearance		Yellow/Turbid/Sediment/Odorless	

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 ฮาสู เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : น้ำเสียออกจากระบบบำบัด (อาคาร A)
GPS. Coordinate : 47 P 673270 E 1516707 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/2
Sample Type : Wastewater
Sampling Date : 21 March 2025
Sampling Time : 02.12 p.m.
Received Date : 22 March 2025
Analytical Date : 22 March – 01 April 2025
Report Date : 02 April 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 22.9 °C	-	Electrometric Method (4500-H ⁺ B)	7.3	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	48.0	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	344	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	17.2	≤ 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)	< 0.1	-
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	15	≤ 35
Sample Appearance		Yellow/Turbid/Sediment/Odorless		

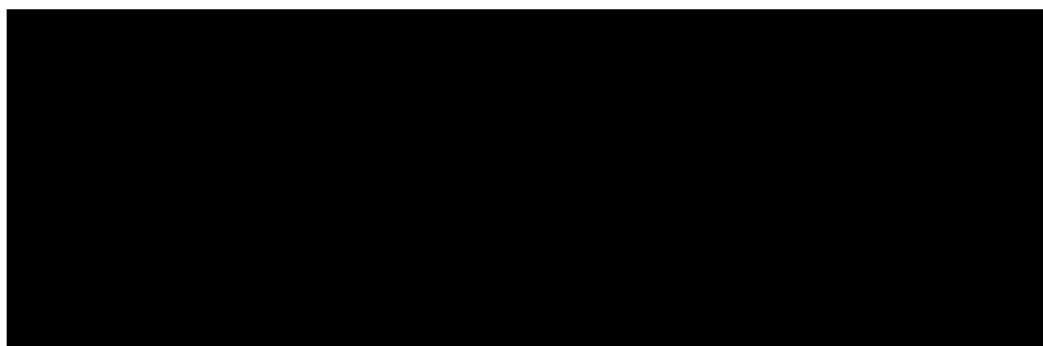
Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024)., Building type B.

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 ฮาสู เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
 เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : น้ำเสียก่อนบำบัด (อาคาร B)
GPS. Coordinate : 47 P 673289 E 1516680 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/3
Sample Type : Wastewater
Sampling Date : 21 March 2025
Sampling Time : 02.07 p.m.
Received Date : 22 March 2025
Analytical Date : 22 March – 01 April 2025
Report Date : 02 April 2025

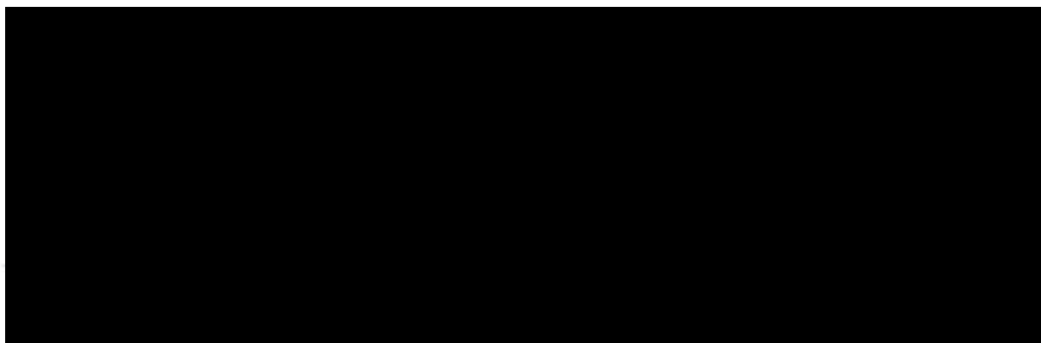
Parameter	Unit	Analytical Method ^{1/}	Result
pH at 23.0 °C	-	Electrometric Method (4500-H ⁺ B)	7.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	636
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	378
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	115
Fat, Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	2.8
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	0.81
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	70
Total Kjeldahl Nitrogen* ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	19
Sample Appearance		Brown/Turbid/Sediment/Odorless	

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 ฮั่วสู เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
 เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : น้ำเสียออกจากระบบบำบัด (อาคาร B)
GPS. Coordinate : 47 P 673288 E 1516696 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/4
Sample Type : Wastewater
Sampling Date : 21 March 2025
Sampling Time : 02.07 p.m.
Received Date : 22 March 2025
Analytical Date : 22 March – 01 April 2025
Report Date : 02 April 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 22.6 °C	-	Electrometric Method (4500-H ⁺ B)	6.4	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	26.2	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	514	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	11.7	≤ 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	APHA:4500-Norg (B) ^{3/}	< 0.28	≤ 35
Sample Appearance		Yellow/Turbid/Sediment/Odorless		

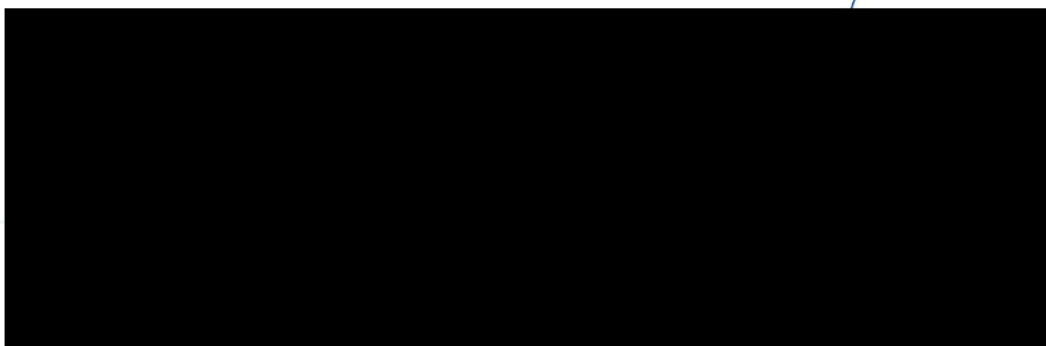
Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024)., Building type B.

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 ฮาสู เอ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
 เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : น้ำเสียก่อนบำบัด (อาคาร A)
GPS. Coordinate : 47 P 673272 E 1516715 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/1
Sample Type : Wastewater
Sampling Date : 22 April 2025
Sampling Time : 04.20 p.m.
Received Date : 23 April 2025
Analytical Date : 23 April – 06 May 2025
Report Date : 07 May 2025

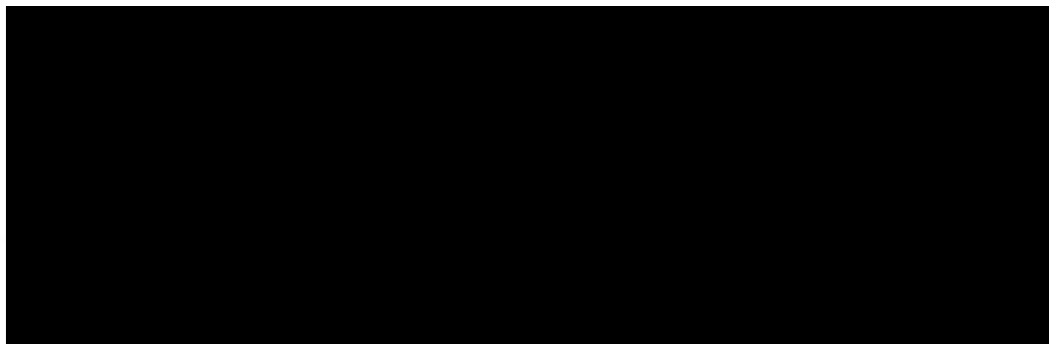
Parameter	Unit	Analytical Method ^{1/}	Result
pH at 22.9 °C	-	Electrometric Method (4500-H ⁺ B)	7.2
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	46.6
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	440
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	63.6
Fat, Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	2.2
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	0.99
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	< 0.1
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	54
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 ฮาสุ เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : น้ำเสียออกจากระบบบำบัด (อาคาร A)
GPS. Coordinate : 47 P 673270 E 1516707 N
Sampling By : TNP ENVIRONMENT CO.,LTD. *
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/2
Sample Type : Wastewater
Sampling Date : 22 April 2025
Sampling Time : 04.16 p.m.
Received Date : 23 April 2025
Analytical Date : 23 April – 06 May 2025
Report Date : 07 May 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.1 °C	-	Electrometric Method (4500-H ⁺ B)	7.0	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	31.0	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	369	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	7.4	≤ 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)	0.1	-
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	2.8	≤ 35
Sample Appearance		Yellow/Turbid/Sediment/Odorless		

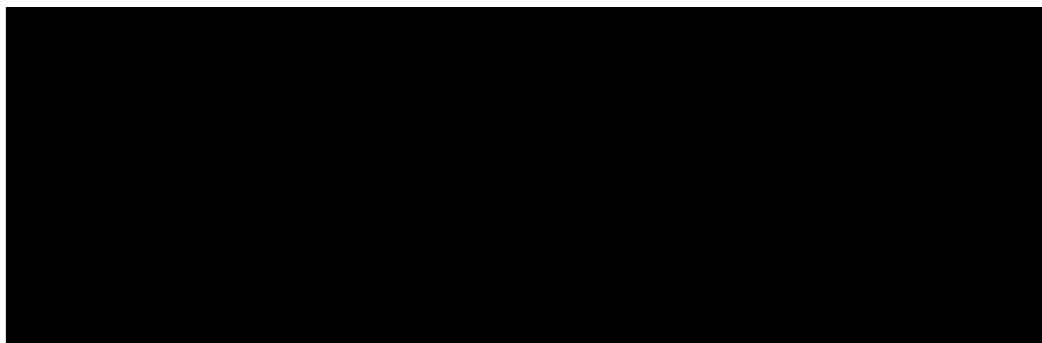
Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024)., Building type B

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 ฮาสู เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
 เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : น้ำเสียก่อนบำบัด (อาคาร B)
GPS. Coordinate : 47 P 673289 E 1516680 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/3
Sample Type : Wastewater
Sampling Date : 22 April 2025
Sampling Time : 04.12 p.m.
Received Date : 23 April 2025
Analytical Date : 23 April – 06 May 2025
Report Date : 07 May 2025

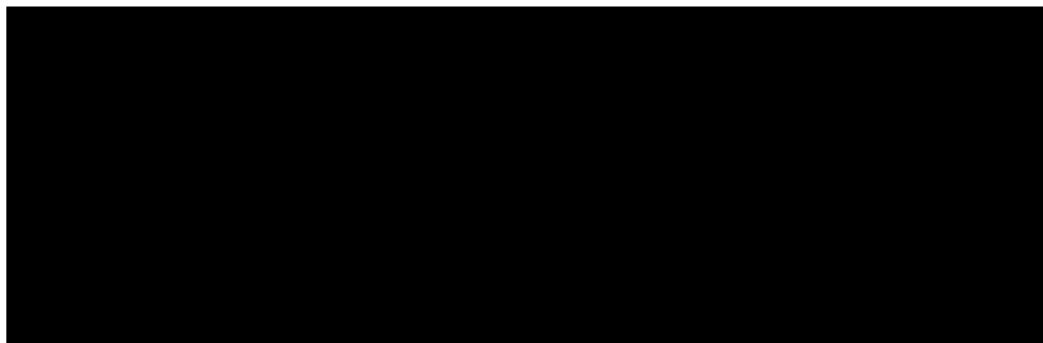
Parameter	Unit	Analytical Method ^{1/}	Result
pH at 22.8 °C	-	Electrometric Method (4500-H ⁺ B)	7.1
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	39.4
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	752
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	19.7
Fat, Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	3.3
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	0.89
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	1.5
Total Kjeldahl Nitrogen ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	22
Sample Appearance		Yellow/Turbid/Sediment/Odorless	

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 ฮาสู เอ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
 เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : น้ำเสียออกจากระบบบำบัด (อาคาร B)
GPS. Coordinate : 47 P 673288 E 1516696 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/4
Sample Type : Wastewater
Sampling Date : 22 April 2025
Sampling Time : 04.08 p.m.
Received Date : 23 April 2025
Analytical Date : 23 April – 06 May 2025
Report Date : 07 May 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 22.7 °C	-	Electrometric Method (4500-H ⁺ B)	6.9	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	17.5	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	312	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	8.5	≤ 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)	0.1	-
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	3.4	≤ 35
Sample Appearance		Yellow/Clear/Little Sediment /Odorless		

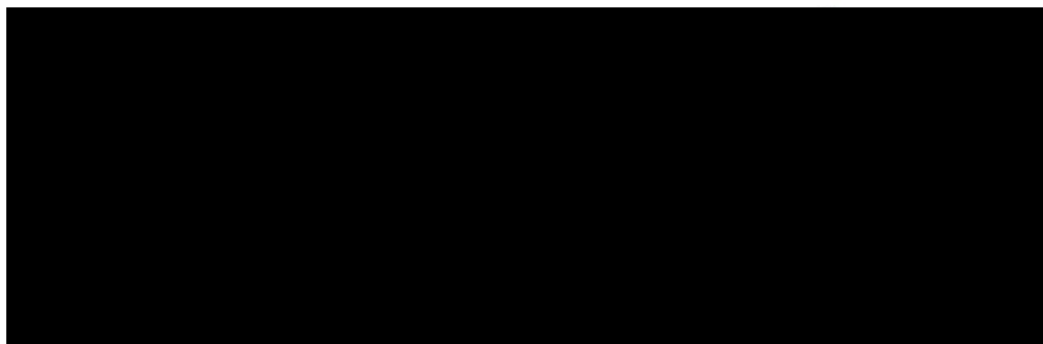
Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024), Building type B.

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 Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23th edition 2017.

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ฮาสุ เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : น้ำเสียก่อนบำบัด (อาคาร A)
GPS. Coordinate : 47 P 673272 E 1516715 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/1
Sample Type : Wastewater
Sampling Date : 29 May 2025
Sampling Time : 01.30 p.m.
Received Date : 30 May 2025
Analytical Date : 30 May – 13 June 2025
Report Date : 14 June 2025

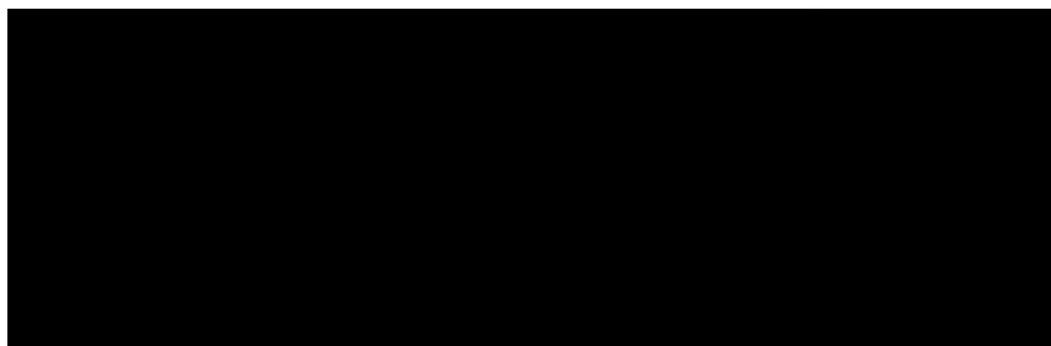
Parameter	Unit	Analytical Method ^{1/}	Result
pH at 22.7 °C	-	Electrometric Method (4500-H ⁺ B)	7.4
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	35.9
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	352
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test (5210 B), Azide Modification (4500-O C)	75.0
Fat, Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	2.5
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	1.73
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	0.1
Total Kjeldahl Nitrogen* ^{2/}	mg/L	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 ฮาสู เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
 เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : น้ำเสียออกจากระบบบำบัด (อาคาร A)
GPS. Coordinate : 47 P 673270 E 1516707 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/2
Sample Type : Wastewater
Sampling Date : 29 May 2025
Sampling Time : 01.34 p.m.
Received Date : 30 May 2025
Analytical Date : 30 May – 13 June 2025
Report Date : 14 June 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 22.8 °C	-	Electrometric Method (4500-H ⁺ B)	6.7	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	30.4	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	300	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test (5210 B), Azide Modification (4500-O C)	17.5	≤ 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)	< 0.1	-
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	5.0	≤ 35
Sample Appearance		Yellow/Turbid/Sediment/Odorless		

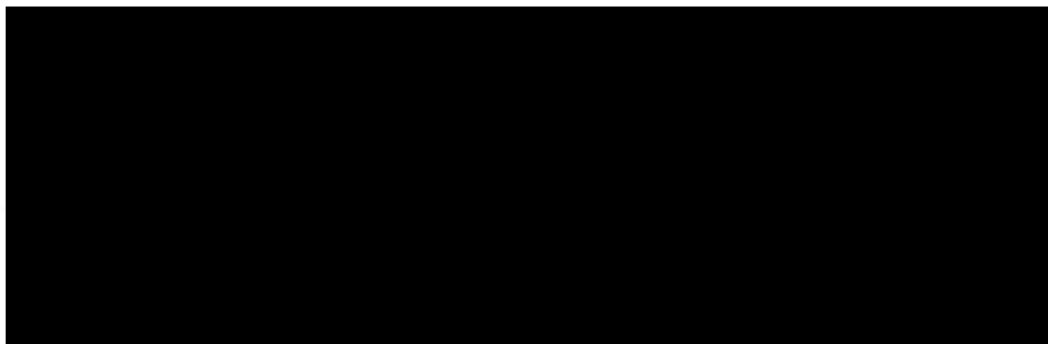
Standard : Notification of the Ministry of Natural Resources and Environment, under., Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024)., Building type B

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 ฮาสู เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : น้ำเสียก่อนบำบัด (อาคาร B)
GPS. Coordinate : 47 P 673289 E 1516680 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/3
Sample Type : Wastewater
Sampling Date : 29 May 2025
Sampling Time : 01.22 p.m.
Received Date : 30 May 2025
Analytical Date : 30 May – 13 June 2025
Report Date : 14 June 2025

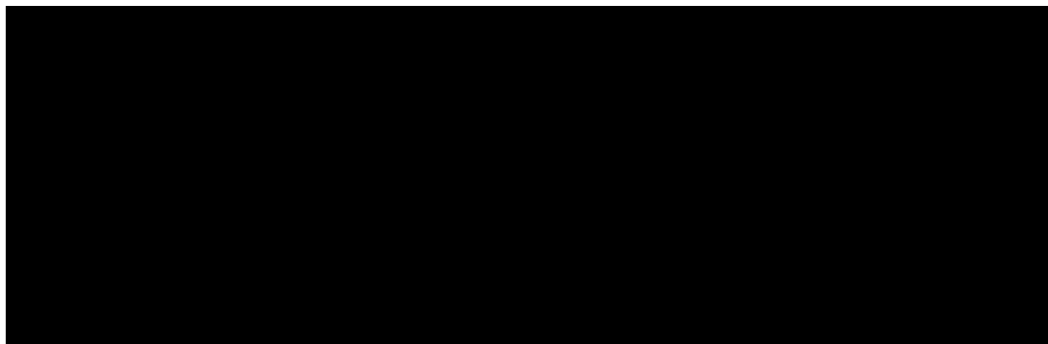
Parameter	Unit	Analytical Method ^{1/}	Result
pH at 22.7 °C	-	Electrometric Method (4500-H ⁺ B)	5.8
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	23.5
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	420
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test (5210 B), Azide Modification (4500-O C)	6.5
Fat, Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	< 0.60
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	0.1
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	2.8
Sample Appearance		Yellow/Turbid/Sediment/Odorless	

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 ฮาสู เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
 เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : น้ำเสียออกจากระบบบำบัด (อาคาร B)
GPS. Coordinate : 47 P 673288 E 1516696 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

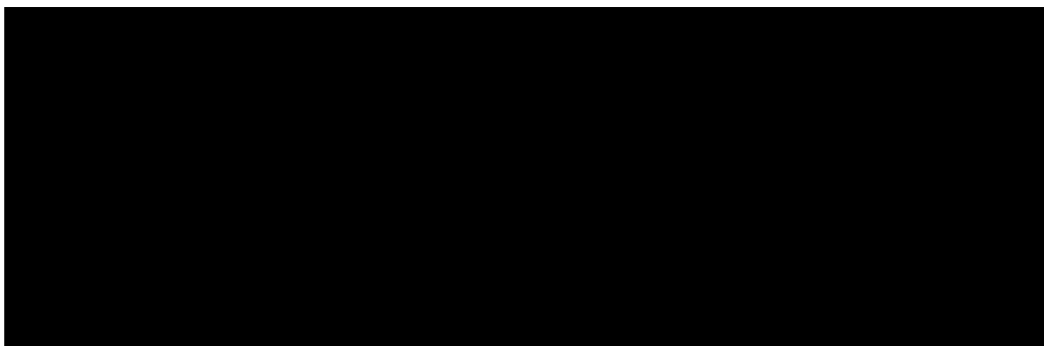
Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/4
Sample Type : Wastewater
Sampling Date : 29 May 2025
Sampling Time : 01.26 p.m.
Received Date : 30 May 2025
Analytical Date : 30 May – 13 June 2025
Report Date : 14 June 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.0 °C	-	Electrometric Method (4500-H ⁺ B)	7.1	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	< 5.0	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	418	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test (5210 B), Azide Modification (4500-O C)	2.3	≤ 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	≤ 1.0
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	< 0.1	-
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	< 0.28	≤ 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 Method 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 ฮาสู เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : น้ำเสียก่อนบำบัด (อาคาร A)
GPS. Coordinate : 47 P 673267 E 1516715 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/1
Sample Type : Wastewater
Sampling Date : 17 June 2025
Sampling Time : 11.32 a.m.
Received Date : 18 June 2025
Analytical Date : 18 – 02 July 2025
Report Date : 03 July 2025

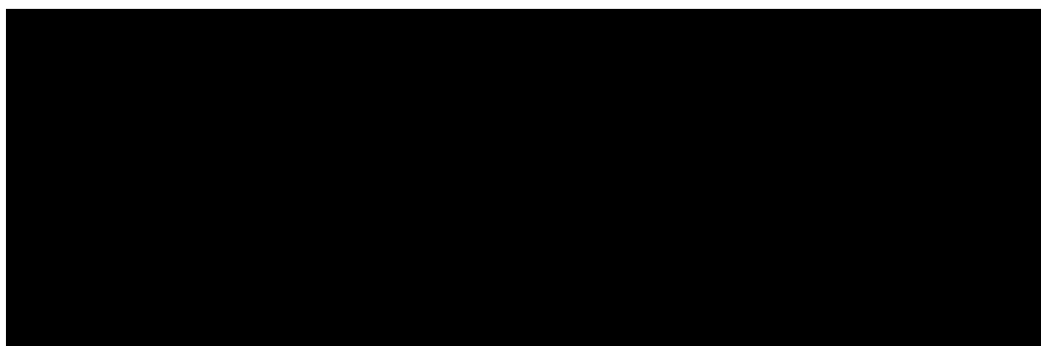
Parameter	Unit	Analytical Method ^{1/}	Result
pH at 23.5 °C	-	Electrometric Method (4500-H ⁺ B)	7.3
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	70.6
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	314
Biochemical Oxygen Demand *	mg/L	5 Day BOD Test, Azide Modification METHOD (4500-O C-5210 B)	65.2
Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	2.8
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	1.61
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	0.1
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	62
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 : นิตินุคคณาการชุด ฮาสู แฮัส
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : น้ำเสียออกจากระบบบำบัด (อาคาร A)
GPS. Coordinate : 47 P 673271 E 1516703 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/2
Sample Type : Wastewater
Sampling Date : 17 June 2025
Sampling Time : 11.38 a.m.
Received Date : 18 June 2025
Analytical Date : 18 – 02 July 2025
Report Date : 03 July 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.9 °C	-	Electrometric Method (4500-H ⁺ B)	6.7	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	26.9	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	294	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5 Day BOD Test, Azide Modification METHOD (4500-O C-5210 B)	18.2	≤ 30
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)	0.3	-
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	6.2	≤ 35
Sample Appearance		Yellow/Turbid/Sediment/Odorless		

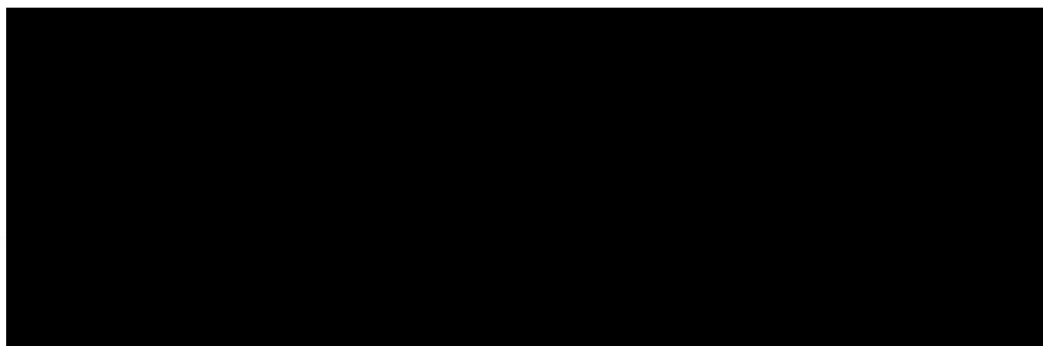
Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024), Building type B

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 ฮาสู แฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
 เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : น้ำเสียก่อนบำบัด (อาคาร B)
GPS. Coordinate : 47 P 673300 E 1516682 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/3
Sample Type : Wastewater
Sampling Date : 17 June 2025
Sampling Time : 11.47 a.m.
Received Date : 18 June 2025
Analytical Date : 18 – 02 July 2025
Report Date : 03 July 2025

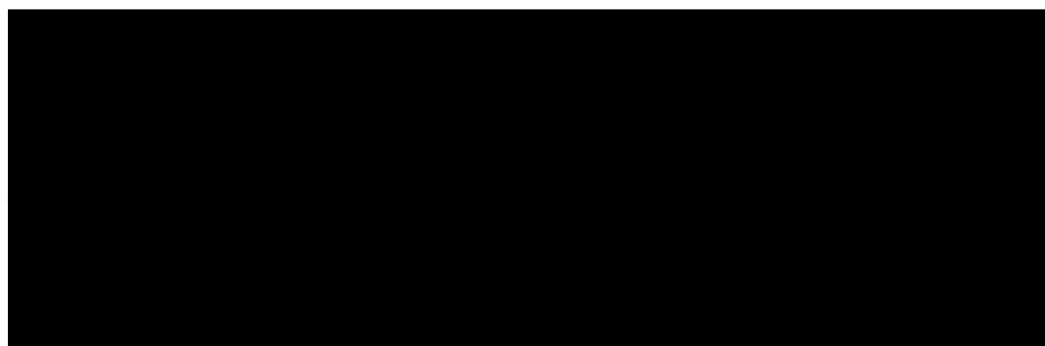
Parameter	Unit	Analytical Method ^{1/}	Result
pH at 24.0 °C	-	Electrometric Method (4500-H ⁺ B)	6.5
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	332
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	414
Biochemical Oxygen Demand *	mg/L	5 Day BOD Test, Azide Modification METHOD (4500-O C-5210 B)	58.0
Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	2.7
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	0.94
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	44
Total Kjeldahl Nitrogen* ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	26
Sample Appearance		Brown/Turbid/Sediment/Odorless	

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 : นิตินุคคณาการชุด ฮาสู แฮัส
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : น้ำเสียออกจากระบบบำบัด (อาคาร B)
GPS. Coordinate : 47 P 673283 E 1516687 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/4
Sample Type : Wastewater
Sampling Date : 17 June 2025
Sampling Time : 11.43 a.m.
Received Date : 18 June 2025
Analytical Date : 18 – 02 July 2025
Report Date : 03 July 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.9 °C	-	Electrometric Method (4500-H ⁺ B)	6.4	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	9.9	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	318	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5 Day BOD Test, Azide Modification METHOD (4500-O C-5210 B)	7.9	≤ 30
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)	< 0.1	-
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	2.8	≤ 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 Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23th edition 2017.

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

คุณภาพน้ำสระว่ายน้ำ



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ฮาสு เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
 เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : สระว่ายน้ำส่วนลึก
GPS. Coordinate : 47 P 673255 E 1516658 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68025
Sample No : W68025/6
Sample Type : Swimming pool Water
Sampling Date : 29 January 2025
Sampling Time : 02.11 p.m.
Received Date : 30 January 2025
Analytical Date : 30 January – 10 February 2025
Report Date : 11 February 2025

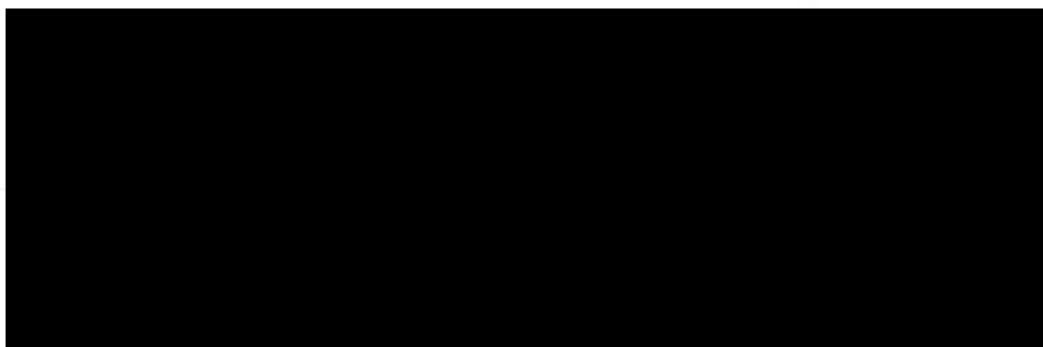
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	Not Detected	Not Detected
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
<i>Staphylococcus aureus</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 B	Not Detected	Not Detected
<i>Pseudomonas aeruginosa</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 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 Bureau Veritas AQ Lab (Thailand) Company Limited registration number Wo-313.

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิตินุคคณาการชุด ฮาสู เฮาส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : สระว่ายน้ำส่วนต้น
GPS. Coordinate : 47 P 673268 E 1516661 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68025
Sample No : W68025/7
Sample Type : Swimming pool Water
Sampling Date : 29 January 2025
Sampling Time : 02.11 p.m.
Received Date : 30 January 2025
Analytical Date : 30 January – 10 February 2025
Report Date : 11 February 2025

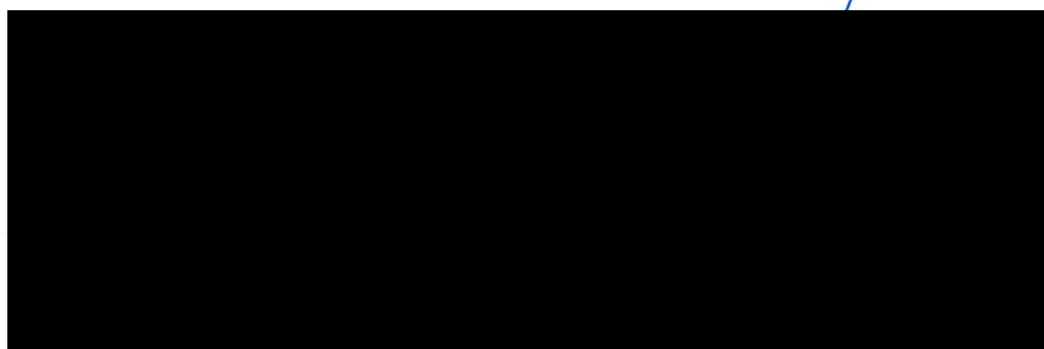
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	Not Detected	Not Detected
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
<i>Staphylococcus aureus</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 B	Not Detected	Not Detected
<i>Pseudomonas aeruginosa</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 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 Bureau Veritas AQ Lab (Thailand) Company Limited registration number Wo-313.

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ฮาสุ เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : สระว่ายน้ำส่วนลึก
GPS. Coordinate : 47 P 673255 E 1516670 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68025
Sample No : W68025/6
Sample Type : Swimming pool Water
Sampling Date : 21 February 2025
Sampling Time : 10.43 a.m.
Received Date : 22 February 2025
Analytical Date : 22 February – 06 March 2025
Report Date : 07 March 2025

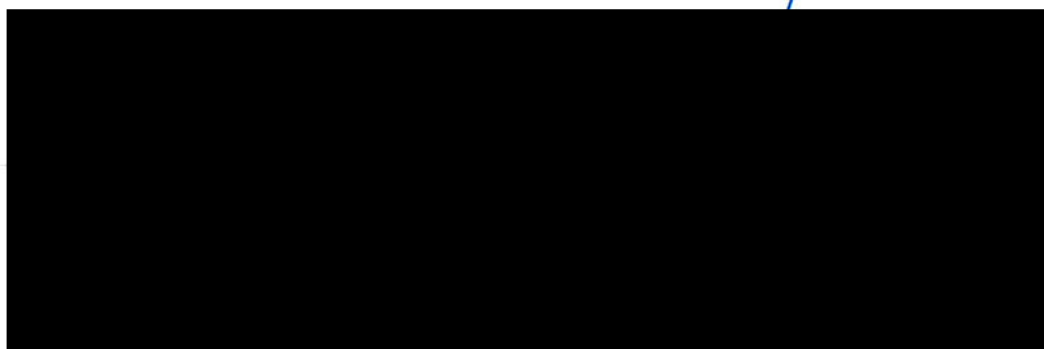
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	Not Detected	Not Detected
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
<i>Staphylococcus aureus</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 B	Not Detected	Not Detected
<i>Pseudomonas aeruginosa</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 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 Bureau Veritas AQ Lab (Thailand) Company Limited registration number Wo-313.

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ฮาสู เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : สระว่ายน้ำส่วนต้น
GPS. Coordinate : 47 P 673255 E 1516670 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68025
Sample No : W68025/7
Sample Type : Swimming pool Water
Sampling Date : 21 February 2025
Sampling Time : 10.44 a.m.
Received Date : 22 February 2025
Analytical Date : 22 February – 06 March 2025
Report Date : 07 March 2025

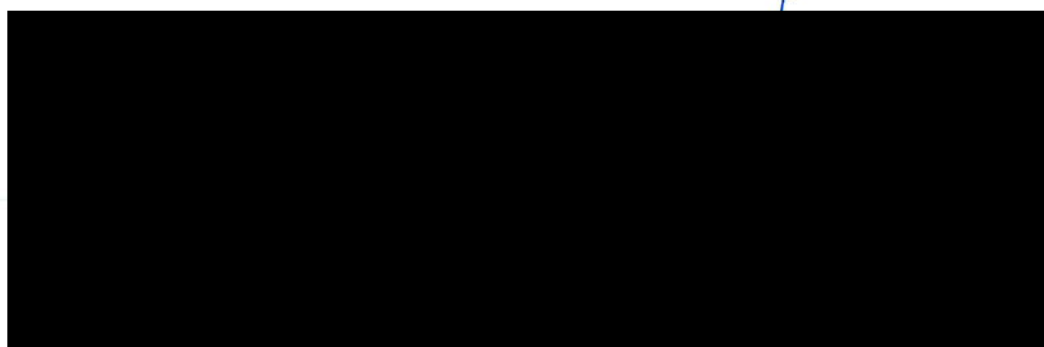
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	Not Detected	Not Detected
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
<i>Staphylococcus aureus</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 B	Not Detected	Not Detected
<i>Pseudomonas aeruginosa</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 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 Bureau Veritas AQ Lab (Thailand) Company Limited registration number Wo-313.

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ฮาสู เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : สระว่ายน้ำส่วนลึก
GPS. Coordinate : 47 P 673255 E 1516670 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68025
Sample No : W68025/6
Sample Type : Swimming pool Water
Sampling Date : 21 March 2025
Sampling Time : 02.21 p.m.
Received Date : 22 March 2025
Analytical Date : 22 March – 01 April 2025
Report Date : 02 April 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
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
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
<i>Staphylococcus aureus</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 B	Not Detected	Not Detected
<i>Pseudomonas aeruginosa</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 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 Bureau Veritas AQ Lab (Thailand) Company Limited registration number Wo-313.

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

ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิตบุคคโลอาคารชุด ฮาสู เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
 เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : สระว่ายน้ำส่วนต้น
GPS. Coordinate : 47 P 673255 E 1516670 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68025
Sample No : W68025/7
Sample Type : Swimming pool Water
Sampling Date : 21 March 2025
Sampling Time : 02.20 p.m.
Received Date : 22 March 2025
Analytical Date : 22 March – 01 April 2025
Report Date : 02 April 2025

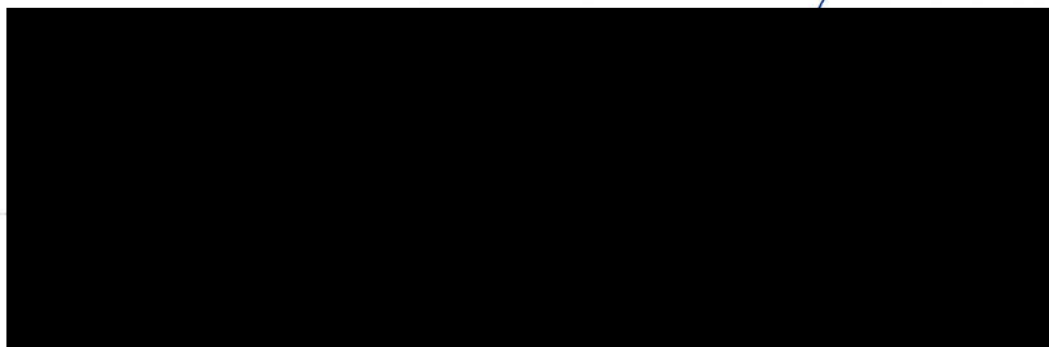
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	Not Detected	Not Detected
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
<i>Staphylococcus aureus</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 B	Not Detected	Not Detected
<i>Pseudomonas aeruginosa</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 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 Bureau Veritas AQ Lab (Thailand) Company Limited registration number Wo-313.

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ฮาสู แฮาส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
 เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : สระว่ายน้ำส่วนลึก
GPS. Coordinate : 47 P 673255 E 1516670 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68025
Sample No : W68025/6
Sample Type : Swimming pool Water
Sampling Date : 22 April 2025
Sampling Time : 04.01 p.m.
Received Date : 23 April 2025
Analytical Date : 23 April – 06 May 2025
Report Date : 07 May 2025

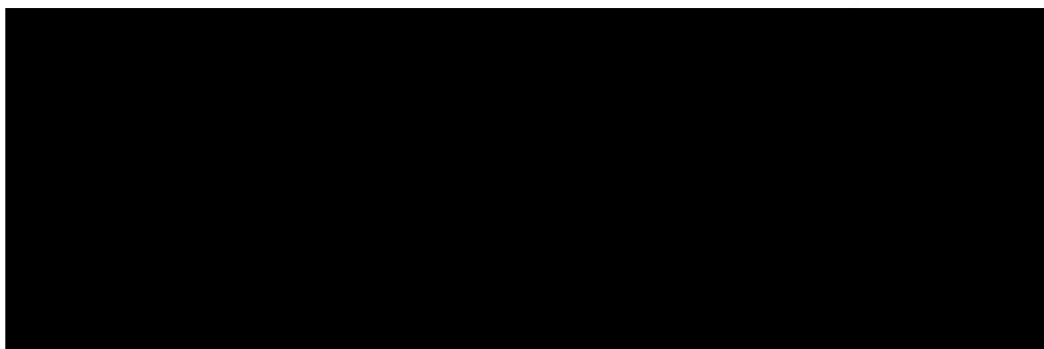
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	Not Detected	Not Detected
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
<i>Staphylococcus aureus</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 B	Not Detected	Not Detected
<i>Pseudomonas aeruginosa</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 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 Bureau Veritas AQ Lab (Thailand) Company Limited registration number Wo-313.

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ฮาสู เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : สระว่ายน้ำส่วนต้น
GPS. Coordinate : 47 P 673255 E 1516670 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68025
Sample No : W68025/7
Sample Type : Swimming pool Water
Sampling Date : 22 April 2025
Sampling Time : 04.02 p.m.
Received Date : 23 April 2025
Analytical Date : 23 April – 06 May 2025
Report Date : 07 May 2025

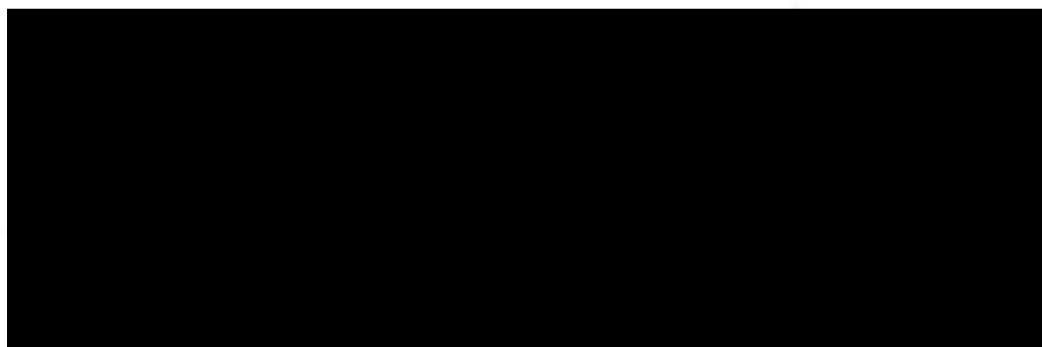
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	Not Detected	Not Detected
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
<i>Staphylococcus aureus</i> ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 B	Not Detected	Not Detected
<i>Pseudomonas aeruginosa</i> ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 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 Bureau Veritas AQ Lab (Thailand) Company Limited registration number Wo-313.

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ฮาสุ เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
 เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : สระว่ายน้ำส่วนลึก
GPS. Coordinate : 47 P 673255 E 1516670 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68025
Sample No : W68025/6
Sample Type : Swimming pool Water
Sampling Date : 29 May 2025
Sampling Time : 01.08 p.m.
Received Date : 30 May 2025
Analytical Date : 30 May – 11 June 2025
Report Date : 12 June 2025

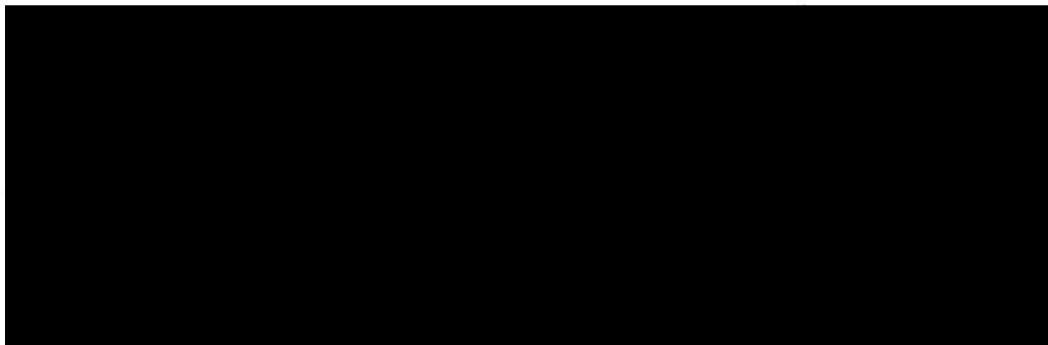
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	Not Detected	Not Detected
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
<i>Staphylococcus aureus</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 B	Not Detected	Not Detected
<i>Pseudomonas aeruginosa</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 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 Bureau Veritas AQ Lab (Thailand) Company Limited registration number Wo-313.

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ฮาสุ เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
 เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : สระว่ายน้ำส่วนต้น
GPS. Coordinate : 47 P 673255 E 1516670 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68025
Sample No : W68025/7
Sample Type : Swimming pool Water
Sampling Date : 29 May 2025
Sampling Time : 01.09 p.m.
Received Date : 30 May 2025
Analytical Date : 30 May – 11 June 2025
Report Date : 12 June 2025

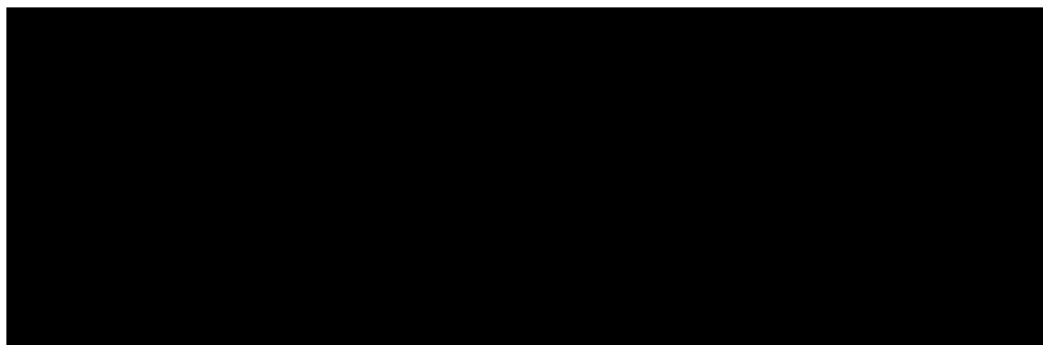
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	Not Detected	Not Detected
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
<i>Staphylococcus aureus</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 B	Not Detected	Not Detected
<i>Pseudomonas aeruginosa</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 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 Bureau Veritas AQ Lab (Thailand) Company Limited registration number Wo-313.

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ฮาสู เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : สระว่ายน้ำส่วนลึก
GPS. Coordinate : 47 P 673268 E 1516658 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68025
Sample No : W68025/6
Sample Type : Swimming pool Water
Sampling Date : 17 June 2025
Sampling Time : 11.20 a.m.
Received Date : 18 June 2025
Analytical Date : 18 – 30 June 2025
Report Date : 01 July 2025

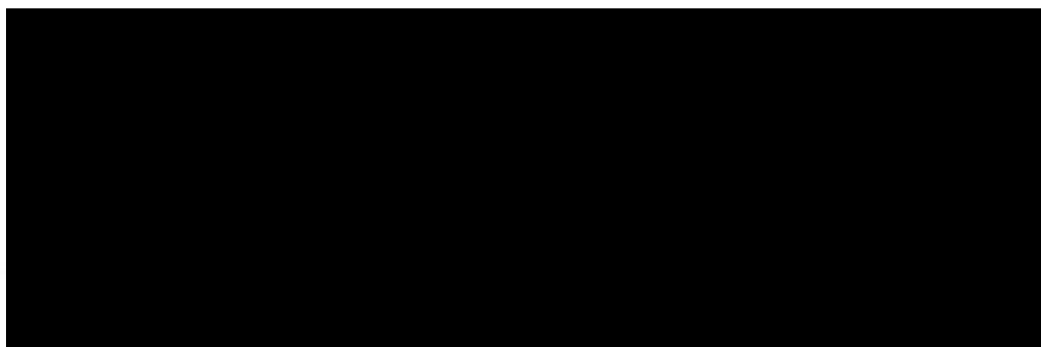
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	Not Detected	Not Detected
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
<i>Staphylococcus aureus</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 B	Not Detected	Not Detected
<i>Pseudomonas aeruginosa</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 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 Bureau Veritas AQ Lab (Thailand) Company Limited registration number Wo-313.

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ฮาสู แฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : สระว่ายน้ำส่วนต้น
GPS. Coordinate : 47 P 673270 E 1516661 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68025
Sample No : W68025/7
Sample Type : Swimming pool Water
Sampling Date : 17 June 2025
Sampling Time : 11.20 a.m.
Received Date : 18 June 2025
Analytical Date : 18 – 30 June 2025
Report Date : 01 July 2025

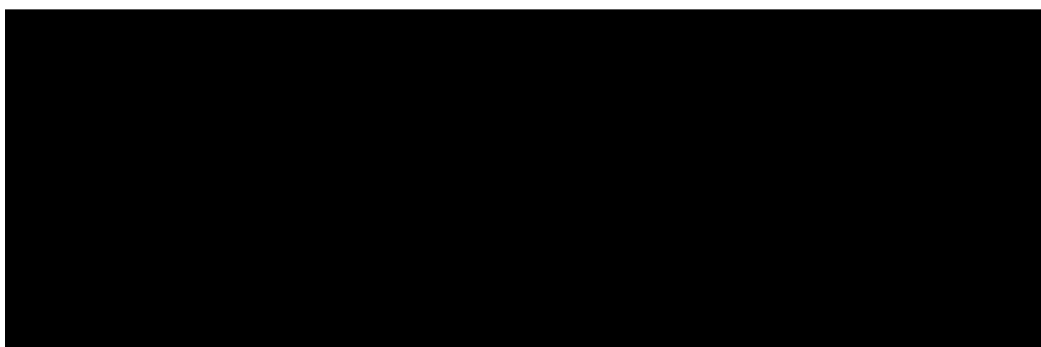
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	Not Detected	Not Detected
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
<i>Staphylococcus aureus</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 B	Not Detected	Not Detected
<i>Pseudomonas aeruginosa</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 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 Bureau Veritas AQ Lab (Thailand) Company Limited registration number Wo-313.

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



คุณภาพน้ำภายในพื้นที่โครงการ



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ฮาสู เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
 เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : บ่อพักน้ำสุดท้าย
GPS. Coordinate : 47 P 673194 E 1516691 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/5
Sample Type : Wastewater
Sampling Date : 29 January 2025
Sampling Time : 02.35 p.m.
Received Date : 30 January 2025
Analytical Date : 30 January – 10 February 2025
Report Date : 11 February 2025

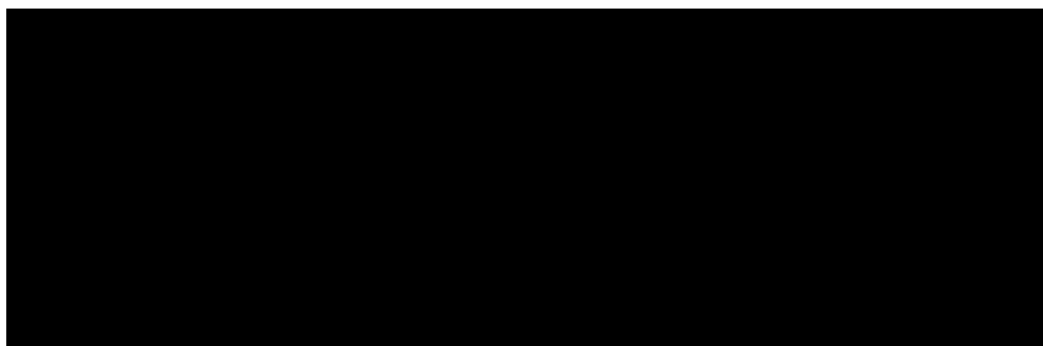
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 25 °C	-	Electrometric Method (4500-H ⁺ B)	7.1	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	14.4	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	312	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	20.3	≤ 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	≤ 1.0
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	0.1	-
Total Kjeldahl Nitrogen * ^{2/}	mg/L	Based on Standard Methods for Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, part 4500-Norg B and part 4500-NH ₃ C	23.84	≤ 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 SGS (Thailand) Limited, Environmental Laboratory (Rayong Branch) registration number Wo-197.

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ฮาสู เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : บ่อพักน้ำสุดท้าย
GPS. Coordinate : 47 P 673185 E 1516704 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/5
Sample Type : Wastewater
Sampling Date : 21 February 2025
Sampling Time : 10.34 a.m.
Received Date : 22 February 2025
Analytical Date : 22 February – 05 March 2025
Report Date : 06 March 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.1 °C	-	Electrometric Method (4500-H ⁺ B)	7.4	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	28.0	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	378	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	17.8	≤ 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)	< 0.1	-
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B)	< 0.28	≤ 35
Sample Appearance		Yellow/Turbid/Sediment/Odorless		

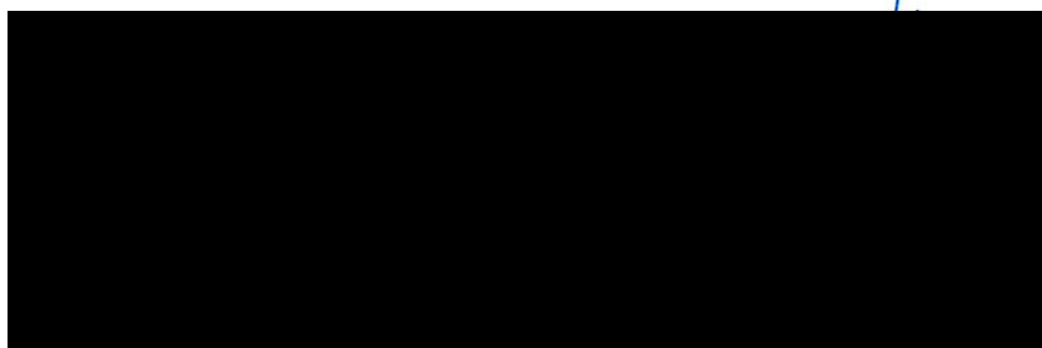
Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024) , Building type B

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

^{2/} Analyzed by SGS (Thailand) Limited, Environmental Laboratory (Rayong Branch) registration number Wo-197.

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

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด ฮาสู เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
 เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : บ่อพักน้ำสุดท้าย
GPS. Coordinate : 47 P 673185 E 1516704 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

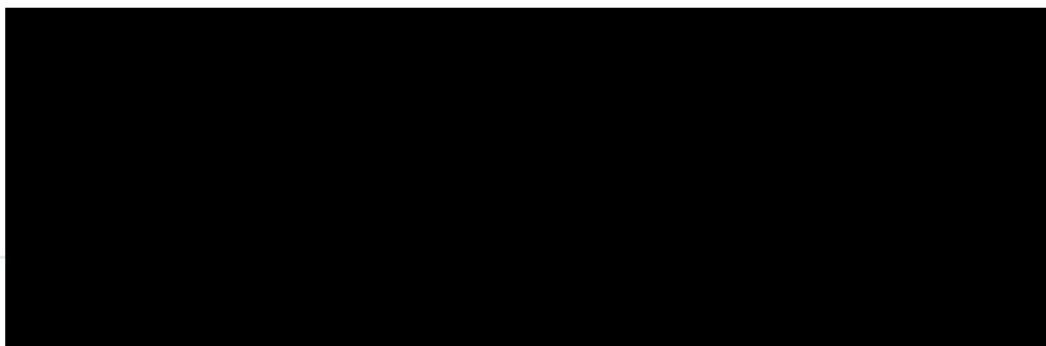
Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/5
Sample Type : Wastewater
Sampling Date : 21 March 2025
Sampling Time : 02.30 p.m.
Received Date : 22 March 2025
Analytical Date : 22 March – 01 April 2025
Report Date : 02 April 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 22.8 °C	-	Electrometric Method (4500-H ⁺ B)	8.1	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	10.1	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	222	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	3.2	≤ 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)	< 0.1	-
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	< 0.28	≤ 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 ฮาสู แฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : บ่อพักน้ำสุดท้าย
GPS. Coordinate : 47 P 673185 E 1516704 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/5
Sample Type : Wastewater
Sampling Date : 22 April 2025
Sampling Time : 04.28 p.m.
Received Date : 23 April 2025
Analytical Date : 23 April – 06 May 2025
Report Date : 07 May 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 22.6 °C	-	Electrometric Method (4500-H ⁺ B)	7.3	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	34.9	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	460	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	7.2	≤ 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)	1.0	-
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	4.2	≤ 35
Sample Appearance		Yellow/Turbid/Sediment/Odorless		

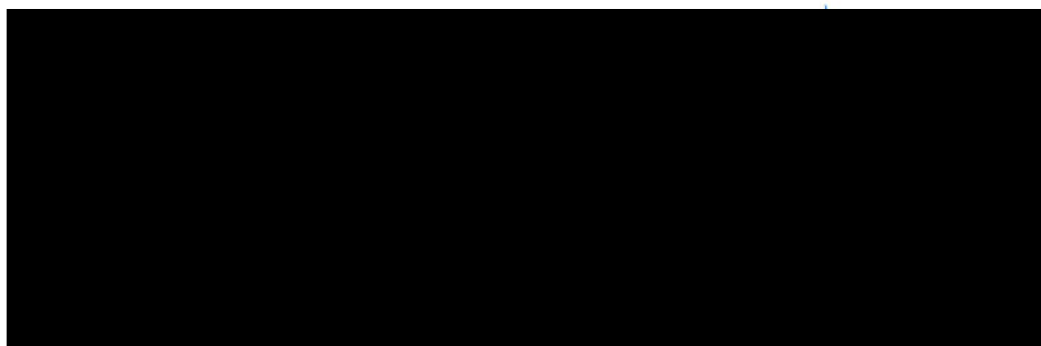
Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024), Building type B

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 ฮาสู เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : บ่อพักน้ำสุดท้าย
GPS. Coordinate : 47 P 673185 E 1516704 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/5
Sample Type : Wastewater
Sampling Date : 29 May 2025
Sampling Time : 01.15 p.m.
Received Date : 30 May 2025
Analytical Date : 30 May – 13 June 2025
Report Date : 14 June 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 22.7 °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)	447	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test (5210 B), Azide Modification (4500-O C)	14.3	≤ 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	≤ 1.0
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	0.3	-
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	20	≤ 35
Sample Appearance		Yellow/Turbid/ Little Sediment/Odorless		

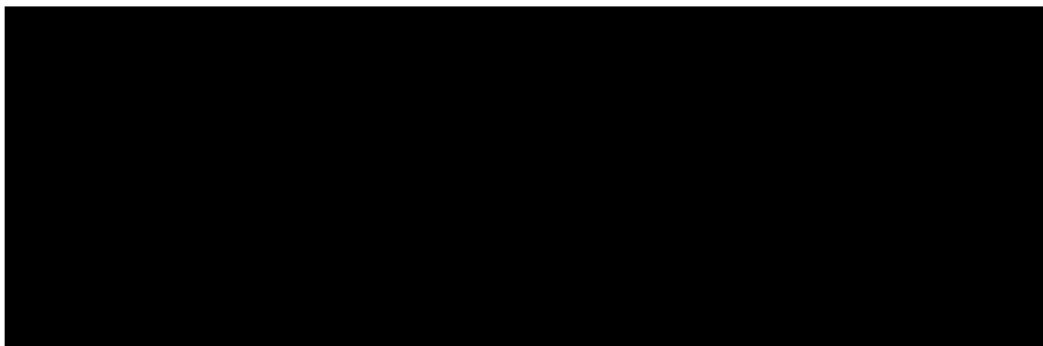
Standard : Notification of the Ministry of Natural Resources and Environment, under., Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024), Building type B

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 ฮาสู เฮ้าส์
Project Name : โครงการ HASU HAUS
Address Project : เลขที่ 111 ซอยริมคลองพระโขนง แขวงพระโขนงเหนือ
 เขตวัฒนา กรุงเทพมหานคร 10110
Sampling Point : บ่อพักน้ำสุดท้าย
GPS. Coordinate : 47 P 673181 E 1516693 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68025
Sample No. : W68025/5
Sample Type : Wastewater
Sampling Date : 17 June 2025
Sampling Time : 11.25 a.m.
Received Date : 18 June 2025
Analytical Date : 18 – 02 July 2025
Report Date : 03 July 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.7 °C	-	Electrometric Method (4500-H ⁺ B)	7.3	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	30.4	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	263	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5 Day BOD Test, Azide Modification METHOD (4500-O C-5210 B)	2.5	≤ 30
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)	0.8	-
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	13	≤ 35
Sample Appearance		Yellow/Turbid/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

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^{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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