

คุณภาพน้ำทิ้ง



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท แสงฟ้าก่อสร้าง จำกัด
Project Name : โครงการ พัฒนาพื้นที่บล็อกเอ เขตพาณิชย์ สยามสแควร์
Address Project : ถนนหิวมพญาไทและถนนพระรามที่ 1 แขวงประทุมวัน
เขตปทุมวัน กรุงเทพมหานคร
Sampling Point : ระบบบำบัดน้ำเสียสำเร็จรูป
GPS. Coordinate : 47 P 665536 E 1520087 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : S68030
Sample No : S68030/1
Sample Type : Wastewater
Sampling Date : 10 July 2025
Sampling Time : 02.30 p.m.
Received Date : 11 July 2025
Analytical Date : 11 - 23 July 2025
Report Date : 24 July 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.7 °C	-	Electrometric Method (4500-H ⁺ B)	7.8	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	< 5.0	≤ 60
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	112	-
Biochemical Oxygen Demand *	mg/L	5 Day BOD Test, Azide Modification Method (4500-O C, 5210B)	< 2.0	≤ 50
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	-
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	< 0.28	-
Sample Appearance		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 D.

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 : บริษัท แสงฟ้าก่อสร้าง จำกัด
Project Name : โครงการ พัฒนาพื้นที่บล็อเกอ เขตพาณิชย์ สยามสแควร์
Address Project : ถนนห้วยมูมพญาไทและถนนพระรามที่ 1 แขวงปทุมวัน
เขตปทุมวัน กรุงเทพมหานคร
Sampling Point : ระบบบำบัดน้ำเสียสำเร็จรูป
GPS. Coordinate : 47 P 665507 E 1520058 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : S68030
Sample No : S68030/1
Sample Type : Wastewater
Sampling Date : 13 August 2025
Sampling Time : 02.24 p.m.
Received Date : 14 August 2025
Analytical Date : 14 - 26 August 2025
Report Date : 27 August 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.8 °C	-	Electrometric Method (4500-H ⁺ B)	7.7	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	< 5.0	≤ 60
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	119	-
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	< 2.0	≤ 50
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	-
Total Kjeldahl Nitrogen ^{*2/}	mg/L	APHA:4500-Norg (B) ^{3/}	< 0.28	-
Sample Appearance		Clear/Little Sediment/Odorless		

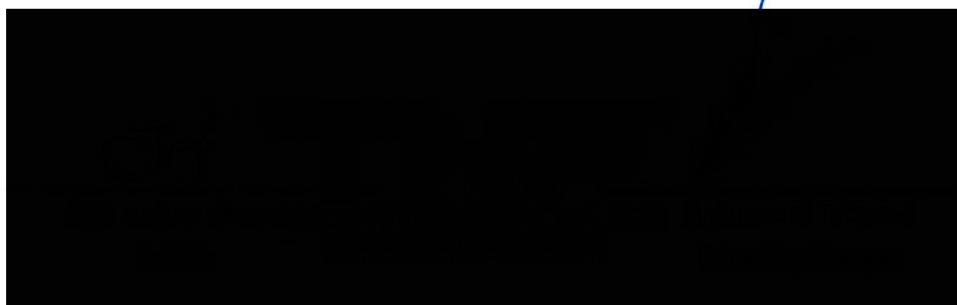
Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024), Building type D.

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 : บริษัท แสงฟ้าก่อสร้าง จำกัด
Project Name : โครงการ พัฒนาพื้นที่บ่อล็อกเอ เขตพาณิชย์ สยามสแควร์
Address Project : ถนนห้วยมพญาไทและถนนพระรามที่ 1 แขวงปทุมวัน
เขตปทุมวัน กรุงเทพมหานคร
Sampling Point : ระบบบำบัดน้ำเสียสำเร็จรูป
GPS. Coordinate : 47 P 665609 E 1520149 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : S68030
Sample No : S68030/1
Sample Type : Wastewater
Sampling Date : 10 September 2025
Sampling Time : 12.35 p.m.
Received Date : 11 September 2025
Analytical Date : 11 - 26 September 2025
Report Date : 29 September 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 26.3 °C	-	Electrometric Method (4500-H ⁺ B)	7.5	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	< 5.0	≤ 60
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	137	-
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	< 2.0	≤ 50
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	-
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	< 0.28	-
Sample Appearance		Clear/Little Sediment/Odorless		

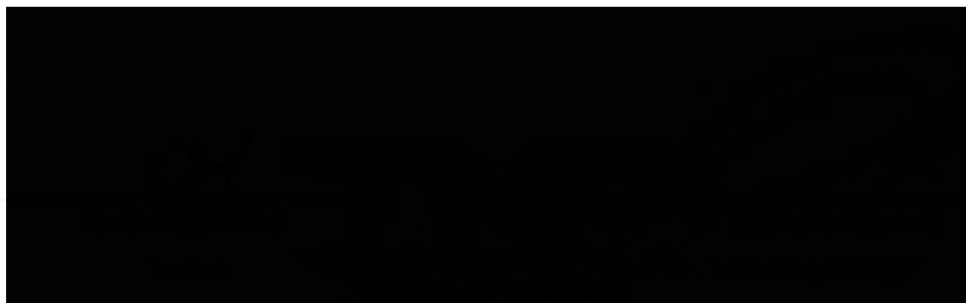
Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024)., Building type D.

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 : บริษัท แสงฟ้าก่อสร้าง จำกัด
Project Name : โครงการ พัฒนาพื้นที่บล็อกเอ เขตพาณิชย์ สยามสแควร์
Address Project : ถนนหิรัญพญาไทและถนนพระรามที่ 1 แขวงปทุมวัน
เขตปทุมวัน กรุงเทพมหานคร
Sampling Point : ระบบบำบัดน้ำเสียสำเร็จรูป
GPS. Coordinate : 47 P 665532 E 1520080 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : S68030
Sample No : S68030/1
Sample Type : Wastewater
Sampling Date : 09 October 2025
Sampling Time : 12.16 p.m.
Received Date : 10 October 2025
Analytical Date : 10 - 30 October 2025
Report Date : 31 October 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.2 °C	-	Electrometric Method (4500-H ⁺ B)	7.5	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	< 5.0	≤ 60
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	106	-
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	< 2.0	≤ 50
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	-
Total Kjeldahl Nitrogen *, ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	< 0.28	-
Sample Appearance		Clear/Little Sediment/Odorless		

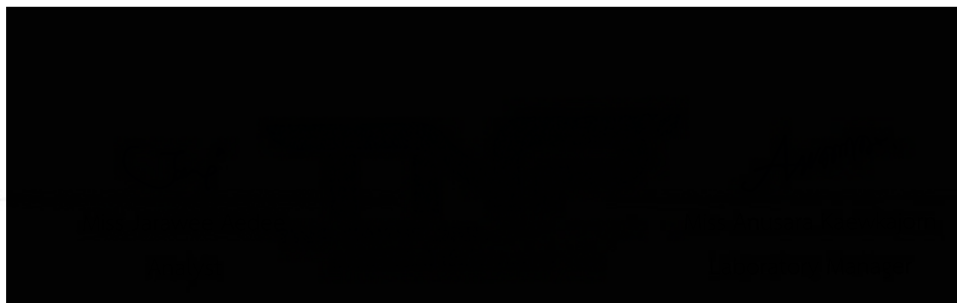
Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024), Building type D.

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 : บริษัท แสงฟ้าก่อสร้าง จำกัด
Project Name : โครงการ พัฒนาพื้นที่บล็อเกอ เขตพาณิชย์ สยามสแควร์
Address Project : ถนนหิวมพญาไทและถนนพระรามที่ 1 แขวงปทุมวัน
เขตปทุมวัน กรุงเทพมหานคร
Sampling Point : ระบบบำบัดน้ำเสียสำเร็จรูป
GPS. Coordinate : 47 P 665497 E 1520075 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : S68030
Sample No : S68030/1
Sample Type : Wastewater
Sampling Date : 04 November 2025
Sampling Time : 12.45 p.m.
Received Date : 05 November 2025
Analytical Date : 05 - 19 November 2025
Report Date : 20 November 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.5 °C	-	Electrometric Method (4500-H ⁺ B)	7.8	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	< 5.0	≤ 60
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	154	-
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	< 2.0	≤ 50
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	-
Total Kjeldahl Nitrogen *, ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	< 0.28	-
Sample Appearance		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 D.

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 : บริษัท แสงฟ้าก่อสร้าง จำกัด
Project Name : โครงการ พัฒนาพื้นที่บล็อกลอ เขตพณิชย สยามสแควร์
Address Project : ถนนหิรัญพญาไทและถนนพระรามที่ 1 แขวงปทุมวัน
 เขตปทุมวัน กรุงเทพมหานคร
Sampling Point : ระบบบำบัดน้ำเสียสำเร็จรูป
GPS. Coordinate : 47 P 6655544 E 1520106 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : S68030
Sample No : S68030/1
Sample Type : Wastewater
Sampling Date : 04 December 2025
Sampling Time : 12.19 p.m.
Received Date : 05 December 2025
Analytical Date : 05 - 19 December 2025
Report Date : 22 December 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.3 °C	-	Electrometric Method (4500-H ⁺ B)	7.6	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	< 5.0	≤ 60
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	59	-
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	< 2.0	≤ 50
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	-
Total Kjeldahl Nitrogen *, ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	< 0.28	-
Sample Appearance		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 D.

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.

