

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ไวส์ เอสเตท 22 จำกัด
Project Name : โครงการ KAVARON (เควารอน)
Address Project : ทางหลวงแผ่นดินหมายเลข 1 (ถนนพหลโยธิน)
ตำบลคลองหนึ่ง อำเภอคลองหลวง จังหวัดปทุมธานี
Sampling Point : บ่อใกล้ปั๊มน้ำ
GPS. Coordinate : 47 P 674217 E 1552508 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : S68068
Sample No : S68068/1
Sample Type : Wastewater
Sampling Date : 27 August 2025
Sampling Time : 04.08 p.m.
Received Date : 27 August 2025
Analytical Date : 27 August – 09 September 2025
Report Date : 10 September 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.7 °C	-	Electrometric Method (4500-H ⁺ B)	7.9	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	27.3	≤ 30
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	338	≤ 1000
Biochemical Oxygen Demand *	mg/L	5 Day BOD Test, Azide Modification Method (4500-O C, 5210B)	6.7	≤ 20
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
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 A.

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

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

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

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



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Customer Name : บริษัท ไวส์ เอสเตท 22 จำกัด
Project Name : โครงการ KAVARON (เควารอน)
Address Project : ทางหลวงแผ่นดินหมายเลข 1 (ถนนพหลโยธิน)
ตำบลคลองหนึ่ง อำเภอคลองหลวง จังหวัดปทุมธานี
Sampling Point : บ่อล้างล้อ
GPS. Coordinate : 47 P 674205 E 1552515 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : S68068
Sample No : S68068/1
Sample Type : Wastewater
Sampling Date : 10 July 2025
Sampling Time : 02.30 p.m.
Received Date : 11 July 2025
Analytical Date : 11 July – 26 August 2025
Report Date : 27 August 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.7 °C	-	Electrometric Method (4500-H ⁺ B)	7.7	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	27.0	≤ 30
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	324	≤ 1000
Biochemical Oxygen Demand *	mg/L	5 Day BOD Test, Azide Modification Method (4500-O C, 5210B)	17.8	≤ 20
Oil and Grease *	mg/L	Liquid-liquid Partition Gravimetric Method (5520 B)	< 2.0	≤ 20
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	0.81	≤ 1.0
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	3.1	≤ 35
Sample Appearance		Yellow/Clear/Little Sediment/Smelly		

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

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

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

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

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Customer Name : บริษัท ไวส์ เอสเตท 22 จำกัด
Project Name : โครงการ KAVILON (เควาลอน)
Address Project : ทางหลวงแผ่นดินหมายเลข 1 (ถนนพหลโยธิน)
ตำบลคลองหนึ่ง อำเภอกลองหลวง จังหวัดปทุมธานี
Sampling Point : บ่อส่วนตกตะกอนของระบบบำบัดน้ำเสียสำเร็จรูป
GPS. Coordinate : 47 P 673685 E 1552572 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : S68068
Sample No : S68068/2
Sample Type : Wastewater
Sampling Date : 29 September 2025
Sampling Time : 02.51 p.m.
Received Date : 30 September
Analytical Date : 30 September – 14 October 2025
Report Date : 15 September 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.0 °C	-	Electrometric Method (4500-H ⁺ B)	7.3	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	37.6	≤ 30
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	278	≤ 1000
Biochemical Oxygen Demand *	mg/L	5 Day BOD Test, Azide Modification Method (4500-O C, 5210B)	40.6	≤ 20
Oil and Grease *	mg/L	Liquid-liquid Partition Gravimetric Method (5520 B)	< 2.0	≤ 20
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	1.06	≤ 1.0
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	17	≤ 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 A.

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TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-1568273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ไวส์ เอสเตท 22 จำกัด
Project Name : โครงการ KAVALON (เควาลอน)
Address Project : ทางหลวงแผ่นดินหมายเลข 1 (ถนนพหลโยธิน)
ตำบลคลองหนึ่ง อำเภอคลองหลวง จังหวัดปทุมธานี
Sampling Point : ปอดักขยะ/ตรวจคุณภาพน้ำ
GPS. Coordinate : 47 P 673680 E 1552602 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : S68068
Sample No : S68068/3
Sample Type : Wastewater
Sampling Date : 29 September 2025
Sampling Time : 02.40 p.m.
Received Date : 30 September
Analytical Date : 30 September – 14 October 2025
Report Date : 15 October 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.3 °C	-	Electrometric Method (4500-H ⁺ B)	7.2	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	34.8	≤ 30
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	262	≤ 1000
Biochemical Oxygen Demand *	mg/L	5 Day BOD Test, Azide Modification Method (4500-O C, 5210B)	36.0	≤ 20
Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0	≤ 20
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	0.91	≤ 1.0
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	6.4	≤ 35
Sample Appearance		Yellow/Turbid/Sediment/Odorless		

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

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

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

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Data Provided by Customer

Customer Name : บริษัท ไวส์ เอสเตท 22 จำกัด
Project Name : โครงการ KAVALON (เควาลอน)
Address Project : ทางหลวงแผ่นดินหมายเลข 1 (ถนนพหลโยธิน)
ตำบลคลองหนึ่ง อำเภอลำลูกหลวง จังหวัดปทุมธานี
Sampling Point : บ่อส่วนตกตะกอนของระบบบำบัดน้ำเสียสำเร็จรูป
GPS. Coordinate : 47 P 673683 E 1552565 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : S68068
Sample No : S68068/2
Sample Type : Wastewater
Sampling Date : 20 October 2025
Sampling Time : 03.16 p.m.
Received Date : 21 October
Analytical Date : 21 October – 07 November 2025
Report Date : 10 November 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)	7.1	≤ 30
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	169	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	< 2.0	≤ 20
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
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 A.

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

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

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

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Customer Name : บริษัท ไวส์ เอสเตท 22 จำกัด
Project Name : โครงการ KAVALON (เควาลอน)
Address Project : ทางหลวงแผ่นดินหมายเลข 1 (ถนนพหลโยธิน)
 ตำบลคลองหนึ่ง อำเภอคลองหลวง จังหวัดปทุมธานี
Sampling Point : บ่อส่วนตกตะกอนของระบบบำบัดน้ำเสียสำเร็จรูป
GPS. Coordinate : 47 P 673685 E 1552551 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : S68068
Sample No : S68068/2
Sample Type : Wastewater
Sampling Date : 06 November 2025
Sampling Time : 02.48 p.m.
Received Date : 07 November 2025
Analytical Date : 07 - 26 November 2025
Report Date : 27 November 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 24.6 °C	-	Electrometric Method (4500-H ⁺ B)	7.4	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	16.0	≤ 30
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	169	≤ 1000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	< 2.0	≤ 20
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
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 A.

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

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

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

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Customer Name : บริษัท ไวส์ เอสเตท 22 จำกัด
Project Name : โครงการ KAVALON (เควาลอน)
Address Project : ทางหลวงแผ่นดินหมายเลข 1 (ถนนพหลโยธิน)
ตำบลคลองหนึ่ง อำเภอคลองหลวง จังหวัดปทุมธานี
Sampling Point : บ่อดักขยะ/ตรวจคุณภาพน้ำ
GPS. Coordinate : 47 P 673696 E 1552514 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : S68068
Sample No : S68068/3
Sample Type : Wastewater
Sampling Date : 29 November 2025
Sampling Time : 02.56 p.m.
Received Date : 30 November 2025
Analytical Date : 30 – 26 November 2025
Report Date : 27 November 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 24.4 °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	≤ 30
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	157	≤ 1000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	< 2.0	≤ 20
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
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	< 0.28	≤ 35
Sample Appearance		Yellow/Clear/Little Sediment/Odorless		

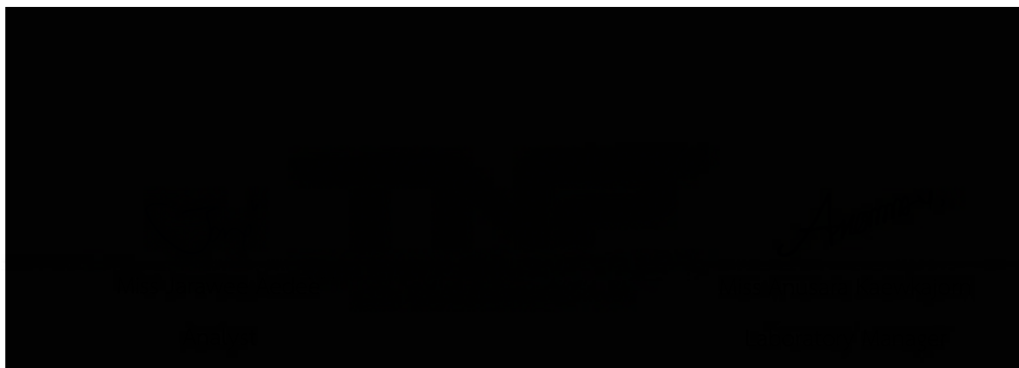
Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024), Building type A.

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

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

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

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Project Name : โครงการ KAVALON (เควาลอน)
Address Project : ทางหลวงแผ่นดินหมายเลข 1 (ถนนพหลโยธิน)
ตำบลคลองหนึ่ง อำเภอคลองหลวง จังหวัดปทุมธานี
Sampling Point : บ่อส่วนตกตะกอนของระบบบำบัดน้ำเสียสำเร็จรูป
GPS. Coordinate : 47 P 673689 E 1552573 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : S68068
Sample No : S68068/2
Sample Type : Wastewater
Sampling Date : 04 December 2025
Sampling Time : 02.16 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 24.9 °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	≤ 30
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	98	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	4.3	≤ 20
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
Total Kjeldahl Nitrogen *. ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	< 0.28	≤ 35
Sample Appearance		Clear/Little Sediment/Odorless		

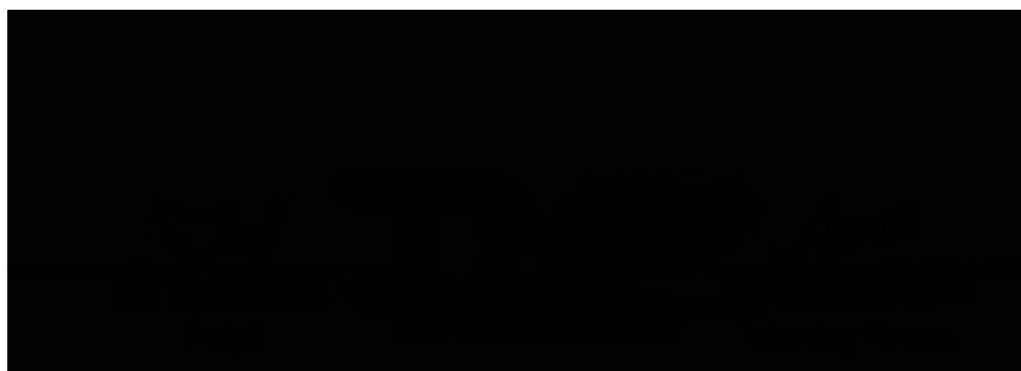
Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024), Building type A.

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

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Project Name : โครงการ KAVALON (เควาลอน)
Address Project : ทางหลวงแผ่นดินหมายเลข 1 (ถนนพหลโยธิน)
ตำบลคลองหนึ่ง อำเภอกลองหลวง จังหวัดปทุมธานี
Sampling Point : บ่อดักขยะ/ตรวจคุณภาพน้ำ
GPS. Coordinate : 47 P 673703 E 1552523 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : S68068
Sample No : S68068/3
Sample Type : Wastewater
Sampling Date : 04 December 2025
Sampling Time : 02.06 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 25.9 °C	-	Electrometric Method (4500-H ⁺ B)	7.3	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	8.3	≤ 30
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	102	≤ 1000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	5.2	≤ 20
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
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 A.

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

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

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