

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท เชียงใหม่ เอ็นไวรอนเม้นท์ 318 จำกัด
Project Name : โครงการ STAY WITH NIMMAN (ขยายกิจการ)
Address Project : เลขที่ 8/8-8/9 ถนนศิริมิ่งคลาจารย์ ตำบลสุเทพ
อำเภอเมืองเชียงใหม่ จังหวัดเชียงใหม่ 50200
Sampling Point : น้ำทิ้งก่อนเข้าระบบบำบัด
GPS. Coordinate : 47 Q 496940 E 2078538 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68021
Sample No. : W68021/1
Sample Type : Wastewater
Sampling Date : 02 July 2025
Sampling Time : 01.45 p.m.
Received Date : 03 July 2025
Analytical Date : 03 – 16 July 2025
Report Date : 17 July 2025

Parameter	Unit	Analytical Method ^{1/}	Result
pH at 26.0 °C	-	Electrometric Method (4500-H ⁺ B)	7.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	126
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	342
Biochemical Oxygen Demand *	mg/L	5 Day BOD Test, Azide Modification (4500-O C, 5210 B)	62.7
Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	2.8
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	1.20
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	4.0
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	49
Chemical Oxygen Demand	mg/L	Close Reflux, Titrimetric Method (5220 C)	200
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	> 160,000
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	> 160,000
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.



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Customer Name : บริษัท เชียงใหม่ เอ็นไวรอนเม้นท์ 318 จำกัด
Project Name : โครงการ STAY WITH NIMMAN (ขยายกิจการ)
Address Project : เลขที่ 8/8-8/9 ถนนศิริมิ่งคลาจารย์ ตำบลสุเทพ
อำเภอเมืองเชียงใหม่ จังหวัดเชียงใหม่ 50200
Sampling Point : บ่อพักน้ำสุดท้ายก่อนระบายออกสู่ท่อรับน้ำทิ้งสาธารณะ
GPS. Coordinate : 47 Q 496938 E 2078540 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68012
Sample No. : W68021/31
Sample Type : Wastewater
Sampling Date : 02 July 2025
Sampling Time : 01.33 p.m.
Received Date : 03 July 2025
Analytical Date : 02 – 15 July 2025
Report Date : 17 July 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)	10.1	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	370	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5 Day BOD Test, Azide Modification (4500-O C, 5210 B)	19.0	≤ 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/}	43	≤ 35
Chemical Oxygen Demand	mg/L	Close Reflux, Titrimetric Method (5220 C)	44	-
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	> 160,000	-
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	> 160,000	-
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.

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



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Data Provided by Customer

Customer Name : บริษัท เชียงใหม่ เอ็นไวรอนเม้นท์ 318 จำกัด
 Project Name : โครงการ STAY WITH NIMMAN (ขยายกิจการ)
 Address Project : เลขที่ 8/8-8/9 ถนนศิริมั่งคณาจารย์ ตำบลสุเทพ
 อำเภอเมืองเชียงใหม่ จังหวัดเชียงใหม่ 50200
 Sampling Point : สระว่ายน้ำส่วนลึก
 GPS. Coordinate : 47 Q 496911 E 2078538 N
 Sampling By : TNP ENVIRONMENT CO., LTD.
 Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68021
 Sample No : W68021/3
 Sample Type : Swimming pool Water
 Sampling Date : 02 July 2025
 Sampling Time : 02.02 p.m.
 Received Date : 03 July 2025
 Analytical Date : 03 – 15 July 2025
 Report Date : 16 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 : บริษัท เชียงใหม่ เอ็นไวรอนเม้นท์ 318 จำกัด
 Project Name : โครงการ STAY WITH NIMMAN (ขยายกิจการ)
 Address Project : เลขที่ 8/8-8/9 ถนนศิริมงคลอาจารย์ ตำบลสุเทพ
 อำเภอเมืองเชียงใหม่ จังหวัดเชียงใหม่ 50200
 Sampling Point : สระว่ายน้ำส่วนต้น
 GPS. Coordinate : 47 Q 496913 E 2078539 N
 Sampling By : TNP ENVIRONMENT CO., LTD.
 Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68021
 Sample No : W68021/4
 Sample Type : Swimming pool Water
 Sampling Date : 02 July 2025
 Sampling Time : 02.01 p.m.
 Received Date : 03 July 2025
 Analytical Date : 03 – 15 July 2025
 Report Date : 16 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.

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Data Provided by Customer

Customer Name : บริษัท เชียงใหม่ เอ็นไวรอนเม้นท์ 318 จำกัด
 Project Name : โครงการ STAY WITH NIMMAN (ขยายกิจการ)
 Address Project : เลขที่ 8/8-8/9 ถนนศิริมิ่งมงคลจารย์ ตำบลสุเทพ
 อำเภอเมืองเชียงใหม่ จังหวัดเชียงใหม่ 50200
 Sampling Point : น้ำทิ้งก่อนเข้าระบบบำบัด
 GPS. Coordinate : 47 Q 496932 E 2078547 N
 Sampling By : TNP ENVIRONMENT CO., LTD.
 Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68021
 Sample No. : W68021/1
 Sample Type : Wastewater
 Sampling Date : 01 August 2025
 Sampling Time : 02.46 p.m.
 Received Date : 02 August 2025
 Analytical Date : 02 – 15 August 2025
 Report Date : 18 August 2025

Parameter	Unit	Analytical Method ^{1/}	Result
pH at 24.7 °C	-	Electrometric Method (4500-H ⁺ B)	6.8
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	91.5
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	334
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	142
Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	2.6
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	1.48
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	10.0
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	61
Chemical Oxygen Demand	mg/L	Close Reflux, Titrimetric Method (5220 C)	320
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	> 160,000
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	> 160,000
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.

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Customer Name : บริษัท เชียงใหม่ เอ็นไวรอนเม้นท์ 318 จำกัด
Project Name : โครงการ STAY WITH NIMMAN (ขยายกิจการ)
Address Project : เลขที่ 8/8-8/9 ถนนศิริมงคลจารย์ ตำบลสุเทพ
 อำเภอเมืองเชียงใหม่ จังหวัดเชียงใหม่ 50200
Sampling Point : ป่อพักน้ำสุดท้ายก่อนระบายออกสู่ท่อรับน้ำทิ้งสาธารณะ
GPS. Coordinate : 47 Q 496941 E 2078541 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68021
Sample No. : W68021/2
Sample Type : Wastewater
Sampling Date : 01 August 2025
Sampling Time : 02.53 p.m.
Received Date : 02 August 2025
Analytical Date : 02 – 15 August 2025
Report Date : 18 August 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)	36.7	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	288	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	66.4	≤ 30
Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	2.4	≤ 20
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	1.21	≤ 1.0
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	0.1	-
Total Kjeldahl Nitrogen ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	55	≤ 35
Chemical Oxygen Demand	mg/L	Close Reflux, Titrimetric Method (5220 C)	186	-
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	> 160,000	-
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	> 160,000	-
Sample Appearance		Yellow/Turbid/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 B.

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

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

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

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Data Provided by Customer

Customer Name : บริษัท เชียงใหม่ เอ็นไวรอนเม้นท์ 318 จำกัด
Project Name : โครงการ STAY WITH NIMMAN (ขยายกิจการ)
Address Project : เลขที่ 8/8-8/9 ถนนศิริมงคลจารย์ ตำบลสุเทพ
อำเภอเมืองเชียงใหม่ จังหวัดเชียงใหม่ 50200
Sampling Point : สระว่ายน้ำส่วนลึก
GPS. Coordinate : 47 Q 496916 E 2078545 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68021
Sample No : W68021/3
Sample Type : Swimming pool Water
Sampling Date : 01 August 2025
Sampling Time : 02.39 p.m.
Received Date : 02 August 2025
Analytical Date : 02 – 15 August 2025
Report Date : 18 August 2025

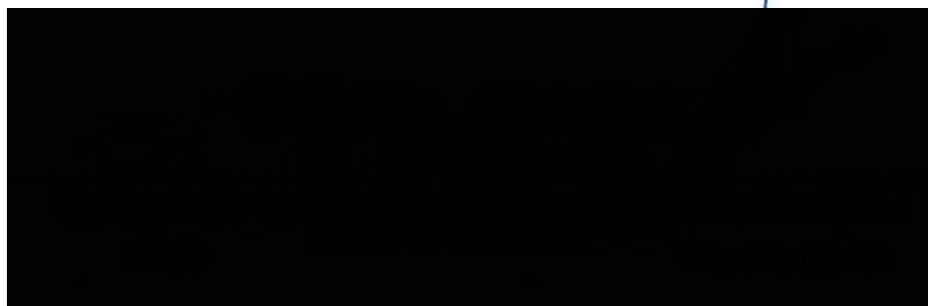
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Total Coliform Bacteria*	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria*	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	Not Detected	Not Detected
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube 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.

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Customer Name : บริษัท เชียงใหม่ เอ็นไวรอนเม้นท์ 318 จำกัด
Project Name : โครงการ STAY WITH NIMMAN (ขยายกิจการ)
Address Project : เลขที่ 8/8-8/9 ถนนศิริมงคลอาจารย์ ตำบลสุเทพ
อำเภอเมืองเชียงใหม่ จังหวัดเชียงใหม่ 50200
Sampling Point : สระว่ายน้ำส่วนต้น
GPS. Coordinate : 47 Q 496907 E 2078532 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68021
Sample No : W68021/4
Sample Type : Swimming pool Water
Sampling Date : 01 August 2025
Sampling Time : 02.40 p.m.
Received Date : 02 August 2025
Analytical Date : 02 – 15 August 2025
Report Date : 18 August 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.

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Project Name : โครงการ STAY WITH NIMMAN (ขยายกิจการ)
Address Project : เลขที่ 8/8-8/9 ถนนศิริมงคลอาจารย์ ตำบลสุเทพ
อำเภอเมืองเชียงใหม่ จังหวัดเชียงใหม่ 50200
Sampling Point : น้ำทิ้งก่อนเข้าระบบบำบัด
GPS. Coordinate : 47 Q 496922 E 2078533 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68021
Sample No. : W68021/1
Sample Type : Wastewater
Sampling Date : 08 September 2025
Sampling Time : 02.17 p.m.
Received Date : 09 September 2025
Analytical Date : 09 – 24 September 2025
Report Date : 25 September 2025

Parameter	Unit	Analytical Method ^{1/}	Result
pH at 23.5 °C	-	Electrometric Method (4500-H ⁺ B)	7.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	129
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	854
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	312
Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	2.7
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	1.60
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	6.0
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	62
Chemical Oxygen Demand	mg/L	Close Reflux, Titrimetric Method (5220 C)	641
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	> 160,000
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	> 160,000
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.

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Data Provided by Customer

Customer Name : บริษัท เชียงใหม่ เอ็นไวรอนเม้นท์ 318 จำกัด
 Project Name : โครงการ STAY WITH NIMMAN (ขยายกิจการ)
 Address Project : เลขที่ 8/8-8/9 ถนนศิริมั่งคณาจารย์ ตำบลสุเทพ
 อำเภอเมืองเชียงใหม่ จังหวัดเชียงใหม่ 50200
 Sampling Point : บ่อพักน้ำสุดท้ายก่อนระบายออกสู่ที่รับน้ำทิ้งสาธารณะ
 GPS. Coordinate : 47 Q 496944 E 2078533 N
 Sampling By : TNP ENVIRONMENT CO., LTD.
 Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68012
 Sample No. : W68021/2
 Sample Type : Wastewater
 Sampling Date : 08 September 2025
 Sampling Time : 02.11 p.m.
 Received Date : 09 September 2025
 Analytical Date : 09 – 24 September 2025
 Report Date : 25 September 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.3 °C	-	Electrometric Method (4500-H ⁺ B)	7.3	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	24.6	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	398	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	29.9	≤ 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/}	43	≤ 35
Chemical Oxygen Demand	mg/L	Close Reflux, Titrimetric Method (5220 C)	160	-
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	> 160,000	-
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	> 160,000	-
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.

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท เชียงใหม่ เอ็นไวรอนเม้นท์ 318 จำกัด
Project Name : โครงการ STAY WITH NIMMAN (ขยายกิจการ)
Address Project : เลขที่ 8/8-8/9 ถนนศิริมงคลอาจารย์ ตำบลสุเทพ
อำเภอเมืองเชียงใหม่ จังหวัดเชียงใหม่ 50200
Sampling Point : สระว่ายน้ำส่วนลึก
GPS. Coordinate : 47 Q 496911 E 2078534 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68021
Sample No : W68021/3
Sample Type : Swimming pool Water
Sampling Date : 08 September 2025
Sampling Time : 01.58 p.m.
Received Date : 09 September 2025
Analytical Date : 09 – 24 September 2025
Report Date : 25 September 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 : บริษัท เชียงใหม่ เอ็นไวรอนเม้นท์ 318 จำกัด
Project Name : โครงการ STAY WITH NIMMAN (ขยายกิจการ)
Address Project : เลขที่ 8/8-8/9 ถนนศิริมั่งคณาจารย์ ตำบลสุเทพ
อำเภอเมืองเชียงใหม่ จังหวัดเชียงใหม่ 50200
Sampling Point : สระว่ายน้ำส่วนต้น
GPS. Coordinate : 47 Q 496911 E 2078534 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68021
Sample No : W68021/4
Sample Type : Swimming pool Water
Sampling Date : 08 September 2025
Sampling Time : 01.59 p.m.
Received Date : 09 September 2025
Analytical Date : 09 – 24 September 2025
Report Date : 25 September 2025

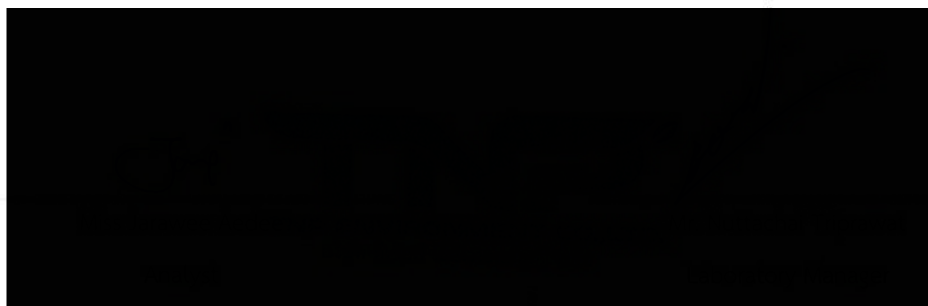
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Total Coliform Bacteria [*]	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria [*]	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	Not Detected	Not Detected
<i>Escherichia coli</i> [*]	/100 mL	Multiple-Tube 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 : บริษัท เชียงใหม่ เอ็นไวรอนเม้นท์ 318 จำกัด
Project Name : โครงการ STAY WITH NIMMAN (ขยายกิจการ)
Address Project : เลขที่ 8/8-8/9 ถนนศิริมงคลอาจารย์ ตำบลสุเทพ
อำเภอเมืองเชียงใหม่ จังหวัดเชียงใหม่ 50200
Sampling Point : น้ำทิ้งก่อนเข้าระบบบำบัด
GPS. Coordinate : 47 Q 496938 E 2078547 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68021
Sample No. : W68021/1
Sample Type : Wastewater
Sampling Date : 04 October 2025
Sampling Time : 01.50 p.m.
Received Date : 05 October 2025
Analytical Date : 05 – 21 October 2025
Report Date : 22 October 2025

Parameter	Unit	Analytical Method ^{1/}	Result
pH at 24.8 °C	-	Electrometric Method (4500-H ⁺ B)	7.1
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	49.0
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	404
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	174
Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	3.4
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	2.61
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	1.0
Total Kjeldahl Nitrogen *, ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	52
Chemical Oxygen Demand	mg/L	Close Reflux, Titrimetric Method (5220 C)	325
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	> 160,000
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	> 160,000
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 : บริษัท เชียงใหม่ เอ็นไวรอนเม้นท์ 318 จำกัด
 Project Name : โครงการ STAY WITH NIMMAN (ขยายกิจการ)
 Address Project : เลขที่ 8/8-8/9 ถนนศิริมงคลจารย์ ตำบลสุเทพ
 อำเภอเมืองเชียงใหม่ จังหวัดเชียงใหม่ 50200
 Sampling Point : บ่อพักน้ำสุดท้ายก่อนระบายออกสู่ท่อรับน้ำทิ้งสาธารณะ
 GPS. Coordinate : 47 Q 496943 E 2078543 N
 Sampling By : TNP ENVIRONMENT CO., LTD.
 Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68021
 Sample No. : W68021/2
 Sample Type : Wastewater
 Sampling Date : 04 October 2025
 Sampling Time : 01.57 p.m.
 Received Date : 05 October 2025
 Analytical Date : 05 – 21 October 2025
 Report Date : 22 October 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 24.6 °C	-	Electrometric Method (4500-H ⁺ B)	7.2	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	12.5	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	214	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O ₂ G, 5210 B)	54.3	≤ 30
Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	2.2	≤ 20
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	0.94	≤ 1.0
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	< 0.1	-
Total Kjeldahl Nitrogen ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	38	≤ 35
Chemical Oxygen Demand	mg/L	Close Reflux, Titrimetric Method (5220 C)	138	-
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	> 160,000	-
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	> 160,000	-
Sample Appearance		Yellow/Turbid/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 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.

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท เชียงใหม่ เอ็นไวรอนเม้นท์ 318 จำกัด
Project Name : โครงการ STAY WITH NIMMAN (ขยายกิจการ)
Address Project : เลขที่ 8/8-8/9 ถนนศิริมงคลอาจารย์ ตำบลสุเทพ
อำเภอเมืองเชียงใหม่ จังหวัดเชียงใหม่ 50200
Sampling Point : สระว่ายน้ำส่วนลึก
GPS. Coordinate : 47 Q 496920 E 2078566 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68021
Sample No : W68021/3
Sample Type : Swimming pool Water
Sampling Date : 04 October 2025
Sampling Time : 02.04 p.m.
Received Date : 05 October 2025
Analytical Date : 05 – 16 October 2025
Report Date : 17 October 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 : บริษัท เชียงใหม่ เอ็นไวรอนเม้นท์ 318 จำกัด
Project Name : โครงการ STAY WITH NIMMAN (ขยายกิจการ)
Address Project : เลขที่ 8/8-8/9 ถนนศิริมงคลอาจารย์ ตำบลสุเทพ
อำเภอเมืองเชียงใหม่ จังหวัดเชียงใหม่ 50200
Sampling Point : สระว่ายน้ำส่วนต้น
GPS. Coordinate : 47 Q 496920 E 2078566 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68021
Sample No : W68021/4
Sample Type : Swimming pool Water
Sampling Date : 04 October 2025
Sampling Time : 02.04 p.m.
Received Date : 05 October 2025
Analytical Date : 05 – 16 October 2025
Report Date : 17 October 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 : Juristic person Life @ Sukhumvit
 Project Name : Life @ Sukhumvit
 Address Project : 1451 Sukhumvit Road, Phra Khanong Nuea, Watthana, Bangkok. 10110
 Sampling Point : Wastewater collect.
 GPS. Coordinate : 47 P 677475 E 1517109 N
 Sampling By : TNP ENVIRONMENT CO., LTD.
 Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68012
 Sample No : W68012/1
 Sample Type : Wastewater
 Sampling Date : 17 October 2025
 Sampling Time : 10.56 a.m.
 Received Date : 18 October 2025
 Analytical Date : 18 – 31 October 2025
 Report Date : 03 November 2025

Parameter	Unit	Analytical Method ^{1/}	Result
pH at 24.0 °C	-	Electrometric Method (4500-H ⁺ B)	7.4
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	27.8
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	47.3
Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0
Volume Flow rate *	m ³ /s	Flow Meter	2.826 × 10 ⁻⁴
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	> 160,000
Sample Appearance		Yellow/Turbid/Sediment/Smelly	

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

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : Juristic person Life @ Sukhumvit
 Project Name : Life @ Sukhumvit
 Address Project : 1451 Sukhumvit Road, Phra Khanong Nuea, Watthana, Bangkok. 10110
 Sampling Point : Wastewater treatment system. (Effluent)
 GPS. Coordinate : 47 P 657711 E 1517145 N
 Sampling By : TNP ENVIRONMENT CO., LTD.
 Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68012
 Sample No : W68012/2
 Sample Type : Wastewater
 Sampling Date : 17 October 2025
 Sampling Time : 10.51 a.m.
 Received Date : 18 October 2025
 Analytical Date : 18 – 31 October 2025
 Report Date : 03 November 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 24.6 °C	-	Electrometric Method (4500-H ⁺ B)	7.5	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	28.2	≤ 30
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	41.0	≤ 20
Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0	≤ 20
Volume Flow rate *	m ³ /s	Flow Meter	2.826 × 10 ⁻⁴	-
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	> 160,000	-
Sample Appearance		Yellow/Turbid/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.

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : Juristic person Life @ Sukhumvit
Project Name : Life @ Sukhumvit
Address Project : 1451 Sukhumvit Road, Phra Khanong Nuea, Watthana, Bangkok. 10110
Sampling Point : Before discharging into public sewers.
GPS. Coordinate : 47 P 667407 E 1517154 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68012
Sample No : W68012/3
Sample Type : Wastewater
Sampling Date : 17 October 2025
Sampling Time : 11.01 a.m.
Received Date : 18 October 2025
Analytical Date : 18 – 31 October 2025
Report Date : 03 November 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 24.7 °C	-	Electrometric Method (4500-H ⁺ B)	7.2	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	19.2	≤ 30
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Azide Modification Method (4500-O C, 5210 B)	6.9	≤ 20
Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0	≤ 20
Volume Flow rate *	m ³ /s	Flow Meter	2.826 × 10 ⁻⁴	-
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	28,000	-
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.

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท เชียงใหม่ เอ็นไวรอนเม้นท์ 318 จำกัด
 Project Name : โครงการ STAY WITH NIMMAN (ขยายกิจการ)
 Address Project : เลขที่ 8/8-8/9 ถนนศิริมงคลอาจารย์ ตำบลสุเทพ
 อำเภอเมืองเชียงใหม่ จังหวัดเชียงใหม่ 50200
 Sampling Point : น้ำทิ้งก่อนเข้าระบบบำบัด
 GPS. Coordinate : 47 Q 496933 E 2078538 N
 Sampling By : TNP ENVIRONMENT CO., LTD.
 Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68021
 Sample No. : W68021/1
 Sample Type : Wastewater
 Sampling Date : 05 November 2025
 Sampling Time : 05.18 p.m.
 Received Date : 06 November 2025
 Analytical Date : 06 – 19 November 2025
 Report Date : 20 November 2025

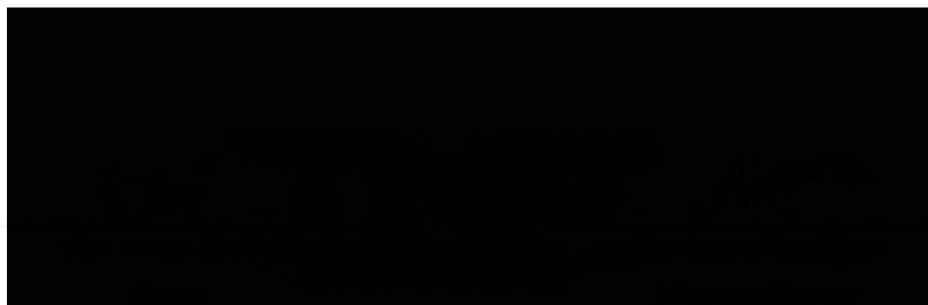
Parameter	Unit	Analytical Method ^{1/}	Result
pH at 24.5 °C	-	Electrometric Method (4500-H ⁺ B)	7.1
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	79.6
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	325
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	167
Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	3.0
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	1.07
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	3.0
Total Kjeldahl Nitrogen *, 2/	mg/L	APHA:4500-Norg (B) ^{3/}	64
Chemical Oxygen Demand	mg/L	Close Reflux, Titrimetric Method (5220 C)	534
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	> 160,000
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	> 160,000
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 : บริษัท เชียงใหม่ เอ็นไวรอนเม้นท์ 318 จำกัด
Project Name : โครงการ STAY WITH NIMMAN (ขยายกิจการ)
Address Project : เลขที่ 8/8-8/9 ถนนศิริมิ่งคลาจารย์ ตำบลสุเทพ
อำเภอเมืองเชียงใหม่ จังหวัดเชียงใหม่ 50200
Sampling Point : บ่อพักน้ำสุดท้ายก่อนระบายออกสู่ท่อรับน้ำทิ้งสาธารณะ
GPS. Coordinate : 47 Q 496939 E 2078539 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68021
Sample No. : W68021/2
Sample Type : Wastewater
Sampling Date : 05 November 2025
Sampling Time : 05.26 p.m.
Received Date : 06 November 2025
Analytical Date : 06 – 19 November 2025
Report Date : 20 November 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 25.1 °C	-	Electrometric Method (4500-H ⁺ B)	7.2	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	20.4	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	290	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	43.8	≤ 30
Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	2.4	≤ 20
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	0.67	≤ 1.0
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	0.1	-
Total Kjeldahl Nitrogen *, ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	62	≤ 35
Chemical Oxygen Demand	mg/L	Close Reflux, Titrimetric Method (5220 C)	204	-
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	> 160,000	-
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	> 160,000	-
Sample Appearance		Yellow/Turbid/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 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.

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท เชียงใหม่ เอ็นไวรอนเม้นท์ 318 จำกัด
Project Name : โครงการ STAY WITH NIMMAN (ขยายกิจการ)
Address Project : เลขที่ 8/8-8/9 ถนนศิริมั่งคณาจารย์ ตำบลสุเทพ
อำเภอเมืองเชียงใหม่ จังหวัดเชียงใหม่ 50200
Sampling Point : สระว่ายน้ำส่วนลึก
GPS. Coordinate : 47 Q 496908 E 2078543 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68021
Sample No : W68021/3
Sample Type : Swimming pool Water
Sampling Date : 05 November 2025
Sampling Time : 05.10 p.m.
Received Date : 06 November 2025
Analytical Date : 06 – 19 November 2025
Report Date : 20 November 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 : บริษัท เชียงใหม่ เอ็นไวรอนเม้นท์ 318 จำกัด
Project Name : โครงการ STAY WITH NIMMAN (ขยายกิจการ)
Address Project : เลขที่ 8/8-8/9 ถนนศิริมงคลจารย์ ตำบลสุเทพ
อำเภอเมืองเชียงใหม่ จังหวัดเชียงใหม่ 50200
Sampling Point : สระว่ายน้ำส่วนต้น
GPS. Coordinate : 47 Q 496908 E 2078536 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68021
Sample No : W68021/4
Sample Type : Swimming pool Water
Sampling Date : 05 November 2025
Sampling Time : 05.10 p.m.
Received Date : 06 November 2025
Analytical Date : 06 – 19 November 2025
Report Date : 20 November 2025

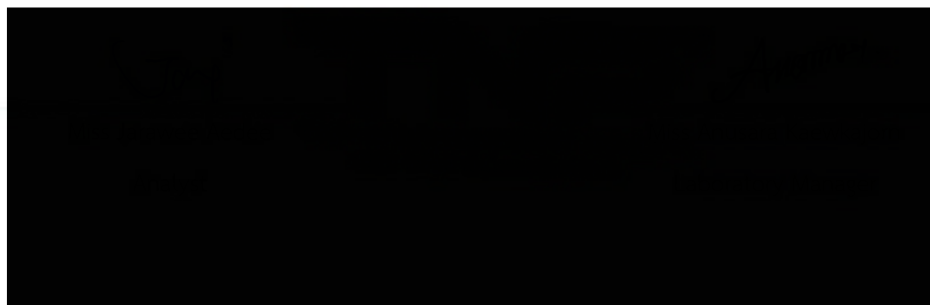
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	Not Detected	Not Detected
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube 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 : บริษัท เชียงใหม่ เอ็นไวรอนเม้นท์ 318 จำกัด
Project Name : โครงการ STAY WITH NIMMAN (ขยายกิจการ)
Address Project : เลขที่ 8/8-8/9 ถนนศิริมงคลจารย์ ตำบลสุเทพ
อำเภอเมืองเชียงใหม่ จังหวัดเชียงใหม่ 50200
Sampling Point : น้ำทิ้งก่อนเข้าระบบบำบัด
GPS. Coordinate : 47 Q 496961 E 2078538 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68021
Sample No. : W68021/1
Sample Type : Wastewater
Sampling Date : 04 December 2025
Sampling Time : 01.51 p.m.
Received Date : 05 December 2025
Analytical Date : 05 – 19 December 2025
Report Date : 22 December 2025

Parameter	Unit	Analytical Method ^{1/}	Result
pH at 23.5 °C	-	Electrometric Method (4500-H ⁺ B)	7.8
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	76.5
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	321
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	143
Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	2.5
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	1.49
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	1.2
Total Kjeldahl Nitrogen *, ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	63
Chemical Oxygen Demand	mg/L	Close Reflux, Titrimetric Method (5220 C)	412
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	> 160,000
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	> 160,000
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 : บริษัท เชียงใหม่ เอ็นไวรอนเม้นท์ 318 จำกัด
Project Name : โครงการ STAY WITH NIMMAN (ขยายกิจการ)
Address Project : เลขที่ 8/8-8/9 ถนนศิริมิ่งคลาจารย์ ตำบลสุเทพ
อำเภอเมืองเชียงใหม่ จังหวัดเชียงใหม่ 50200
Sampling Point : บ่อพักน้ำสุดท้ายก่อนระบายออกสู่ท่อรับน้ำทิ้งสาธารณะ
GPS. Coordinate : 47 Q 496954 E 2078537 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68021
Sample No. : W68021/2
Sample Type : Wastewater
Sampling Date : 04 December 2025
Sampling Time : 01.46 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 23.4 °C	-	Electrometric Method (4500-H ⁺ B)	7.7	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	37.7	≤ 40
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	328	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	77.4	≤ 30
Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	2.2	≤ 20
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	1.08	≤ 1.0
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	0.3	-
Total Kjeldahl Nitrogen *, ^{2/}	mg/L	APHA:4500-Norg (B) ^{3/}	73	≤ 35
Chemical Oxygen Demand	mg/L	Close Reflux, Titrimetric Method (5220 C)	309	-
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	> 160,000	-
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	> 160,000	-
Sample Appearance		Yellow/Turbid/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 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.

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท เชียงใหม่ เอ็นไวรอนเม้นท์ 318 จำกัด
Project Name : โครงการ STAY WITH NIMMAN (ขยายกิจการ)
Address Project : เลขที่ 8/8-8/9 ถนนศิริมงคลจารย์ ตำบลสุเทพ
อำเภอเมืองเชียงใหม่ จังหวัดเชียงใหม่ 50200
Sampling Point : สระว่ายน้ำส่วนลึก
GPS. Coordinate : 47 Q 496912 E 2078549 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68021
Sample No : W68021/3
Sample Type : Swimming pool Water
Sampling Date : 04 December 2025
Sampling Time : 01.41 p.m.
Received Date : 05 December 2025
Analytical Date : 05 – 18 December 2025
Report Date : 19 December 2025

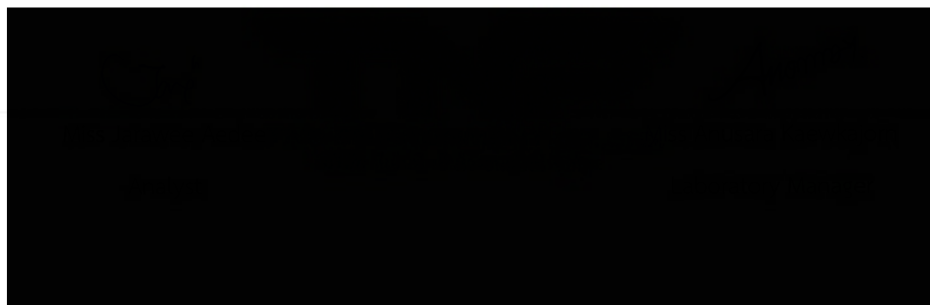
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 E)	Not Detected	Not Detected
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube 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 : บริษัท เชียงใหม่ เอ็นไวรอนเม้นท์ 318 จำกัด
Project Name : โครงการ STAY WITH NIMMAN (ขยายกิจการ)
Address Project : เลขที่ 8/8-8/9 ถนนศิริมงคลอาจารย์ ตำบลสุเทพ
อำเภอเมืองเชียงใหม่ จังหวัดเชียงใหม่ 50200
Sampling Point : สระว่ายน้ำส่วนต้น
GPS. Coordinate : 47 Q 496912 E 2078543 N
Sampling By : TNP ENVIRONMENT CO., LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68021
Sample No : W68021/4
Sample Type : Swimming pool Water
Sampling Date : 04 December 2025
Sampling Time : 01.42 p.m.
Received Date : 05 December 2025
Analytical Date : 05 – 18 December 2025
Report Date : 19 December 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.

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