

ภาคผนวกที่ 2

ผลการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม

ภาคผนวกที่ 2.1

ผลการตรวจวิเคราะห์คุณภาพน้ำเสียก่อนเข้าระบบบำบัด (INFLUENT)



TEST REPORT

CUSTOMER	: The Sands Khao Lak By Katathani		
ADDRESS	: 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190		
SAMPLING SOURCE	: The Sands Khaolak By Katathani Resorts	SAMPLE NO.	: 6807-855
SAMPLING DATE	: 17/07/2025	SAMPLING TIME	: 09.00 AM
SAMPLING CONDITION	: Wastewater Treatment	SAMPLING BY	: STC
SAMPLING METHOD	: GRAB		(MS. JUTAPORN JUTAMAST ว-176-จ-0006)
TESTED DATE	: 17-31/07/2025	RECEIVED DATE	: 17/07/2025
FILE NAME	: The Sands Khaolak By Katathani Resorts	REPORTED DATE	: 01/08/2025

PARAMETER	UNIT	METHOD	INFLUENT "น้ำเสียก่อนเข้าระบบบำบัด"
pH at 25 °C	-	Electrometric Method	7.02
BOD ₅	mg/L	5-Days, BOD Test	260
		Azide Modification Method	
Total Suspended Solids	mg/L	Dried at 103-105 °C	149
Grease & Oil	mg/L	Liquid-Liquid,	43.00
		Partition-Gravimetric Method	
Sulfide	mg/L as S ²⁻	Iodometric Method	3.33
Total Kjeldahl Nitrogen	mg/L	Macro-Kjeldahl, Titrimetric Method	34.43
Total Dissolved Solids	mg/L	Dried at 180 °C	306

- PHYSICAL APPEARANCE**
1. Sample : turbid, black SS, smelling
 2. Container : normal [(PE 2.0 L, G 0.5 L)

Examined by

(M.....)

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL LABORATORY



TEST REPORT

CUSTOMER : The Sands Khao Lak By Katathani
ADDRESS : 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190
SAMPLING SOURCE : The Sands Khaolak By Katathani Resorts
SAMPLING DATE : 17/07/2025
SAMPLING CONDITION : Wastewater Treatment
SAMPLING METHOD : GRAB
TESTED DATE : 17-31/07/2025
FILE NAME : The Sands Khaolak By Katathani Resorts

SAMPLE NO. : 6807-855
SAMPLING TIME : 09.00 AM
SAMPLING BY : STC
(MS. JUTAPORN JUTAMAST)
RECEIVED DATE : 17/07/2025
REPORTED DATE : 01/08/2025

PARAMETER	UNIT	METHOD	INFLUENT "น้ำเสียก่อนเข้าระบบบำบัด"
Settleable Solids	mL/L	Volumetric Method	0.6
Total Coliform Bacteria	MPN/100 mL	MPN Test Method	16,000,000

PHYSICAL APPEARANCE

1. Sample : turbid, black SS, smelling
2. Container : normal [(PE 2.0 L)

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TEST REPORT

CUSTOMER	: The Sands Khao Lak By Katathani		
ADDRESS	: 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190		
SAMPLING SOURCE	: The Sands Khaolak By Katathani Resorts	SAMPLE NO.	: 6808-0917
SAMPLING DATE	: 21/08/2025	SAMPLING TIME	: 08.55 AM
SAMPLING CONDITION	: Wastewater Treatment	SAMPLING BY	: STC
SAMPLING METHOD	: GRAB		(MS. JUTAPORN JUTAMAST ว-176-จ-0006)
TESTED DATE	: 21/08/2025-05/09/2025	RECEIVED DATE	: 21/08/2025
FILE NAME	: The Sands Khaolak By Katathani Resorts	REPORTED DATE	: 06/09/2025

PARAMETER	UNIT	METHOD	INFLUENT "น้ำเสียก่อนเข้าระบบบำบัด"
pH at 25 °C	-	Electrometric Method	6.74
BOD ₅	mg/L	5-Days, BOD Test	560
		Azide Modification Method	
Total Suspended Solids	mg/L	Dried at 103-105 °C (Part 2540D)	156
Total Dissolved Solids	mg/L	Dried at 180 °C (Part 2540C)	392
Grease & Oil	mg/L	Liquid-Liquid, Partition-Gravimetric Method	49.07
Sulfide	mg/L as S ²⁻	Iodometric Method	3.33
Total Kjeldahl Nitrogen	mg/L	Macro-Kjeldahl, Titrimetric Method	34.43

PHYSICAL APPEARANCE	1. Sample :	turbid, brown SS, smelling
	2. Container :	normal [PE 2.0 L (2 bottles), G 0.5 L]

REMARK 1) Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023

Examined



TEST REPORT

CUSTOMER : The Sands Khao Lak By Katathani
ADDRESS : 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190
SAMPLING SOURCE : The Sands Khaolak By Katathani Resorts
SAMPLING DATE : 21/08/2025
SAMPLING CONDITION : Wastewater Treatment
SAMPLING METHOD : GRAB
TESTED DATE : 21/08/2025-05/09/2025
FILE NAME : The Sands Khaolak By Katathani Resorts

SAMPLE NO. : 6808-0917
SAMPLING TIME : 08.55 AM
SAMPLING BY : STC
(MS. JUTAPORN JUTAMAST)
RECEIVED DATE : 21/08/2025
REPORTED DATE : 06/09/2025

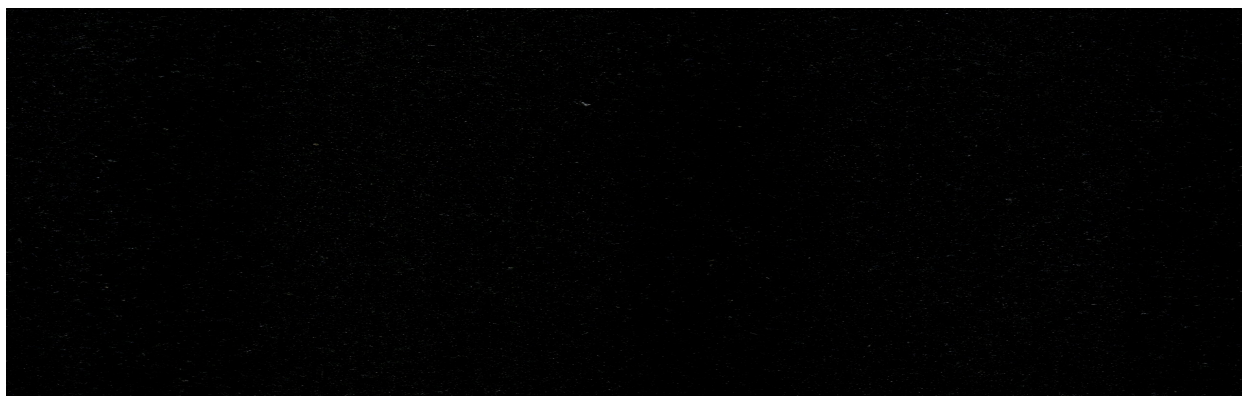
PARAMETER	UNIT	METHOD	INFLUENT "น้ำเสียก่อนเข้าระบบบำบัด"
Settleable Solids	mL/L	Volumetric Method	1.5
Total Coliform Bacteria	MPN/100 mL	MPN Test Method	35,000,000

PHYSICAL APPEARANCE

1. Sample : turbid, brown SS, smelling
2. Container : normal [PE 2.0 L (2 bottles), G 0.5 L]

REMARK

- 1) Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023



REPORTED ANALYSIS REFER TO SUBMITTED SAMPLES ONLY

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TEST REPORT

CUSTOMER : The Sands Khao Lak By Katathani
ADDRESS : 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190
SAMPLING SOURCE : The Sands Khaolak By Katathani Resorts SAMPLE NO. : 6809-0964
SAMPLING DATE : 23/09/2025 SAMPLING TIME : 09.22 AM
SAMPLING CONDITION : Wastewater Treatment SAMPLING BY : STC
SAMPLING METHOD : GRAB (MS. JUTAPORN JUTAMAST)
TESTED DATE : 23-30/09/2025 RECEIVED DATE : 23/09/2025
FILE NAME : The Sands Khaolak By Katathani Resorts REPORTED DATE : 01/10/2025

PARAMETER	UNIT	METHOD	EFFLUENT "น้ำผ่านการบำบัด"	STANDARD
Total Suspended Solids	mg/L	Dried at 103-105 °C (Part 2540D)	1	≤ 30
Grease & Oil	mg/L	Liquid-Liquid, Partition-Gravimetric Method	ND	≤ 20
Sulfide	mg/L as S ²⁻	Iodometric Method	0.13	≤ 1
Settleable Solids	mL/L	Volumetric Method	ND	-
Total Coliform Bacteria	MPN/100 mL	MPN Test Method	92,000	-
Fecal Coliform Bacteria	MPN/100 mL	MPN Test Method	54,000	-

PHYSICAL APPEARANCE 1. Sample : yellowish, brown SS
2. Container : normal [PE 2.0 L (2 bottles), G 0.5 L]

STANDARD : ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม พ.ศ. 2567
เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (ประเภท ก.)

REMARK 1) Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023

THIS REPORT



TEST REPORT

CUSTOMER : The Sands Khao Lak By Katathani
ADDRESS : 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190
SAMPLING SOURCE : The Sands Khaolak By Katathani Resorts
SAMPLING DATE : 21/10/2025
SAMPLING CONDITION : Wastewater Treatment
SAMPLING METHOD : GRAB
TESTED DATE : 21/10/2025-05/11/2025
FILE NAME : The Sands Khaolak By Katathani Resorts

SAMPLE NO. : 6810-1028
SAMPLING TIME : 09.05 AM
SAMPLING BY : STC
(MS. JUTAPORN JUTAMAST 3-176-3-0006)
RECEIVED DATE : 21/10/2025
REPORTED DATE : 07/11/2025

PARAMETER	UNIT	METHOD	INFLUENT "น้ำเสียก่อนเข้าระบบบำบัด"
pH at 25 °C	-	Electrometric Method	6.82
BOD ₅	mg/L	5-Days, BOD Test	290
		Azide Modification Method	
Total Suspended Solids	mg/L	Dried at 103-105 °C (Part 2540D)	165
Total Dissolved Solids	mg/L	Dried at 180 °C (Part 2540C)	236
Grease & Oil	mg/L	Liquid-Liquid, Partition-Gravimetric Method	12.0
Sulfide	mg/L as S ²⁻	Iodometric Method	1.53
Total Kjeldahl Nitrogen	mg/L	Macro-Kjeldahl, Titrimetric Method	41.44

PHYSICAL APPEARANCE

1. Sample : turbid, brown SS, smelling
2. Container : normal [PE 2.0 L (2 bottles), G 0.5 L]

REMARK 1) Standard Methods for the Examination of Water and Wastewater. APHA. AWWA. WEF. 24th edition, 2023

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TEST REPORT

CUSTOMER : The Sands Khao Lak By Katathani
ADDRESS : 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190
SAMPLING SOURCE : The Sands Khaolak By Katathani Resorts
SAMPLING DATE : 21/10/2025
SAMPLING CONDITION : Wastewater Treatment
SAMPLING METHOD : GRAB
TESTED DATE : 21/10/2025-05/11/2025
FILE NAME : The Sands Khaolak By Katathani Resorts

SAMPLE NO. : 6810-1028
SAMPLING TIME : 09.05 AM
SAMPLING BY : STC
(MS. JUTAPORN JUTAMAST)
RECEIVED DATE : 21/10/2025
REPORTED DATE : 07/11/2025

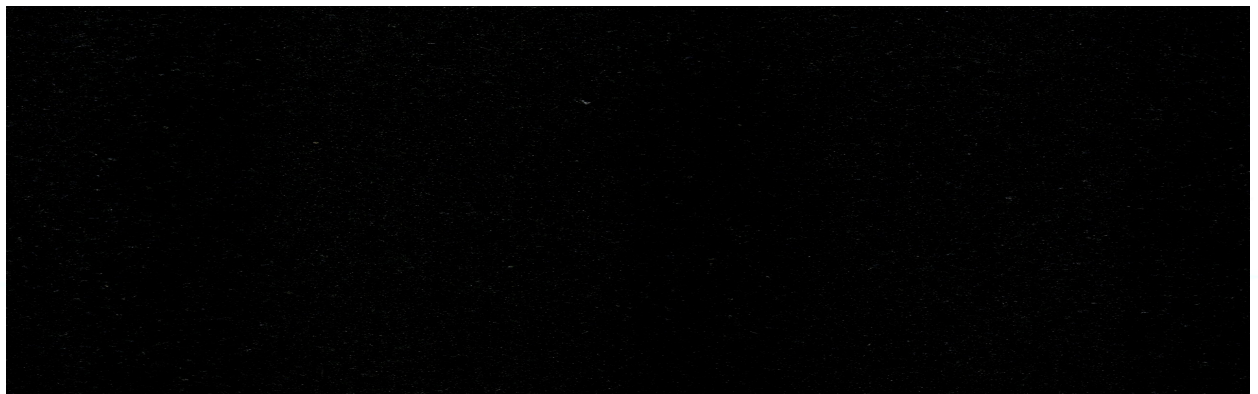
PARAMETER	UNIT	METHOD	INFLUENT "น้ำเสียก่อนเข้าระบบบำบัด"
Settleable Solids	mL/L	Volumetric Method	0.9
Total Coliform Bacteria	MPN/100 mL	MPN Test Method	140,000

PHYSICAL APPEARANCE

1. Sample : turbid, brown SS, smelling
2. Container : normal [PE 2.0 L (2 bottles), G 0.5 L]

REMARK

1) Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th edition, 2023



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TEST REPORT

CUSTOMER	: The Sands Khao Lak By Katathani		
ADDRESS	: 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190		
SAMPLING SOURCE ^{/3}	: The Sands Khaolak By Katathani Resorts	SAMPLE NO.	: 6811-1010
SAMPLING DATE ^{/3}	: 20/11/2025	SAMPLING TIME ^{/3}	: 10.17 AM
SAMPLING CONDITION	: Wastewater Treatment	SAMPLING BY ^{/3}	: STC
SAMPLING METHOD ^{/3}	: GRAB		(MS. JUTAPORN JUTAMAST จ-176-จ-0006)
TESTED DATE	: 20/11/2025-03/12/2025	RECEIVED DATE	: 20/11/2025
FILE NAME	: The Sands Khaolak By Katathani Resorts	REPORTED DATE	: 06/12/2025

PARAMETER	UNIT	METHOD	INFLUENT "น้ำเสียก่อนเข้าระบบบำบัด"
pH at 25 °C ^{/1}	-	Electrometric Method	6.51
BOD ₅ ^{/1}	mg/L	5-Days, BOD Test	550
		Azide Modification Method	
Total Suspended Solids	mg/L	Dried at 103-105 °C (Part 2540D)	206
Total Dissolved Solids	mg/L	Dried at 180 °C (Part 2540C)	428
Grease & Oil ^{/1}	mg/L	Liquid-Liquid, Partition-Gravimetric Method	21.0
Sulfide ^{/1}	mg/L as S ²⁻	Iodometric Method	2.87
Total Kjeldahl Nitrogen ^{/1}	mg/L	Macro-Kjeldahl, Titrimetric Method	88.20

PHYSICAL APPEARANCE

1. Sample : turbid, brown SS, smelling
2. Container : normal [PE 2.0 L (2 bottles), G 0.5 L]

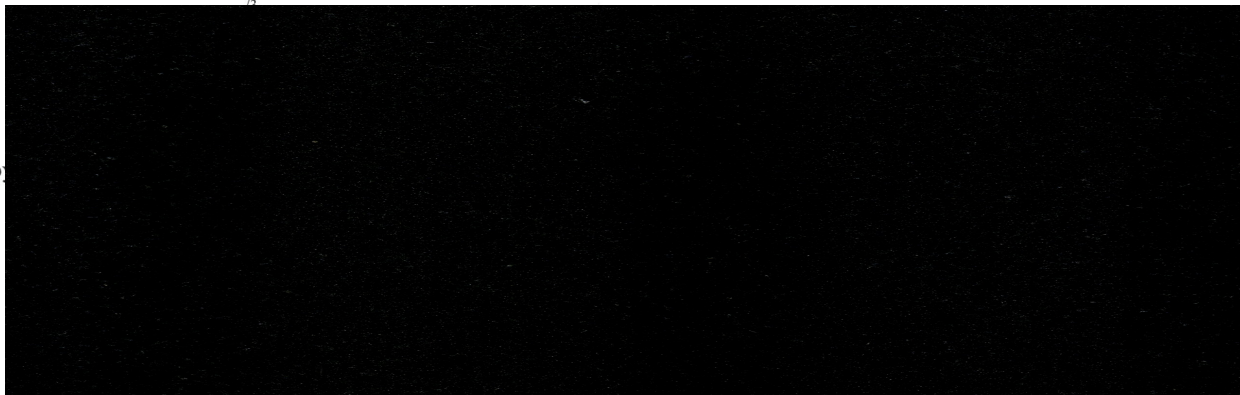
ANALYSIS METHOD

Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th edition, 2023

REMARK

1. ^{/1} : Out of accredited scope by TISI (ISO/IEC 17025:2017)
2. ^{/2} : Out of accredited scope of private analysis laboratories จ.-176

Examined by



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TEST REPORT

CUSTOMER : The Sands Khao Lak By Katathani
ADDRESS : 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190
SAMPLING SOURCE^{/3} : The Sands Khaolak By Katathani Resorts
SAMPLING DATE^{/3} : 20/11/2025
SAMPLING CONDITION : Wastewater Treatment
SAMPLING METHOD^{/3} : GRAB
TESTED DATE : 20/11/2025-03/12/2025
FILE NAME : The Sands Khaolak By Katathani Resorts

SAMPLE NO. : 6811-1010
SAMPLING TIME^{/3} : 10.17 AM
SAMPLING BY^{/3} : STC
(MS. JUTAPORN JUTAMAST)
RECEIVED DATE : 20/11/2025
REPORTED DATE : 06/12/2025

PARAMETER	UNIT	METHOD	INFLUENT "น้ำเสียก่อนเข้าระบบบำบัด"
Settleable Solids ^{/1,2}	mL/L	Volumetric Method	0.3
Total Coliform Bacteria ^{/1,2}	MPN/100 mL	MPN Test Method	16,000,000

PHYSICAL APPEARANCE

1. Sample : turbid, brown SS, smelling
2. Container : normal [PE 2.0 L (2 bottles), G 0.5 L]

ANALYSIS METHOD

Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th edition, 2023

REMARK

- 1.^{/1} : Out of accredited scope by TISI (ISO/IEC 17025:2017)
- 2.^{/2} : Out of accredited scope of private analysis laboratories 3.-176
- 3.^{/3} : Information received from customer

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TEST REPORT

CUSTOMER	: The Sands Khao Lak By Katathani		
ADDRESS	: 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190		
SAMPLING SOURCE ^{/3}	: The Sands Khaolak By Katathani Resorts	SAMPLE NO.	: 6812-1229
SAMPLING DATE ^{/3}	: 24/12/2025	SAMPLING TIME ^{/3}	: 09.42 AM
SAMPLING CONDITION	: Wastewater Treatment	SAMPLING BY ^{/3}	: STC
SAMPLING METHOD ^{/3}	: GRAB	(MS. JUTAPORN JUTAMAST จ-176-จ-0006)	
TESTED DATE	: 24/12/2025-07/01/2026	RECEIVED DATE	: 24/12/2025
FILE NAME	: The Sands Khaolak By Katathani Resorts	REPORTED DATE	: 12/01/2026

PARAMETER	UNIT	METHOD	INFLUENT "น้ำเสียก่อนเข้าระบบบำบัด"
pH at 25 °C ^{/1}	-	Electrometric Method	6.28
BOD ₅ ^{/1}	mg/L	5-Days, BOD Test	740
		Azide Modification Method	
Total Suspended Solids	mg/L	Dried at 103-105 °C (Part 2540D)	263
Total Dissolved Solids	mg/L	Dried at 180 °C (Part 2540C)	447
Grease & Oil ^{/1}	mg/L	Liquid-Liquid,	30.0
		Partition-Gravimetric Method	
Sulfide ^{/1}	mg/L as S ²⁻	Iodometric Method	8.80
Total Kjeldahl Nitrogen ^{/1}	mg/L	Macro-Kjeldahl, Titrimetric Method	295.96

PHYSICAL APPEARANCE

1. Sample : turbid, brown SS, smelling
2. Container : normal [PE 2.0 L (2 bottles), G 0.5 L]

ANALYSIS METHOD Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th edition, 2023

REMARK

- 1.^{/1} : Out of accredited scope by TISI (ISO/IEC 17025:2017)
- 2.^{/2} : Out of accredited scope of private analysis laboratories จ.-176

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TEST REPORT

CUSTOMER : The Sands Khao Lak By Katathani
ADDRESS : 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190
SAMPLING SOURCE^{/3} : The Sands Khaolak By Katathani Resorts
SAMPLING DATE^{/3} : 24/12/2025
SAMPLING CONDITION : Wastewater Treatment
SAMPLING METHOD^{/3} : GRAB
TESTED DATE : 24/12/2025-07/01/2026
FILE NAME : The Sands Khaolak By Katathani Resorts

SAMPLE NO. : 6812-1229
SAMPLING TIME^{/3} : 09.42 AM
SAMPLING BY^{/3} : STC
(MS. JUTAPORN JUTAMAST)
RECEIVED DATE : 24/12/2025
REPORTED DATE : 12/01/2026

PARAMETER	UNIT	METHOD	INFLUENT "น้ำเสียก่อนเข้าระบบบำบัด"
Settleable Solids ^{/1,2}	mL/L	Volumetric Method	1.0
Total Coliform Bacteria ^{/1,2}	MPN/100 mL	MPN Test Method	54,000,000

PHYSICAL APPEARANCE

1. Sample : turbid, brown SS, smelling
2. Container : normal [PE 2.0 L (2 bottles), G 0.5 L]

ANALYSIS METHOD

Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th edition, 2023

REMARK

- 1.^{/1} : Out of accredited scope by TISI (ISO/IEC 17025:2017)
- 2.^{/2} : Out of accredited scope of private analysis laboratories จ.-176
- 3.^{/3} : Information received from customer

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ภาคผนวกที่ 2.2

ผลการตรวจวิเคราะห์คุณภาพ น้ำทิ้งหลังผ่านการบำบัด (EFFLUENT)



TEST REPORT

CUSTOMER	: The Sands Khao Lak By Katathani		
ADDRESS	: 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190		
SAMPLING SOURCE	: The Sands Khaolak By Katathani Resorts	SAMPLE NO.	: 6807-856
SAMPLING DATE	: 17/07/2025	SAMPLING TIME	: 09.03 AM
SAMPLING CONDITION	: Wastewater Treatment	SAMPLING BY	: STC
SAMPLING METHOD	: GRAB		(MS. JUTAPORN JUTAMAST ว-176-จ-0006)
TESTED DATE	: 17-31/07/2025	RECEIVED DATE	: 17/07/2025
FILE NAME	: The Sands Khaolak By Katathani Resorts	REPORTED DATE	: 01/08/2025

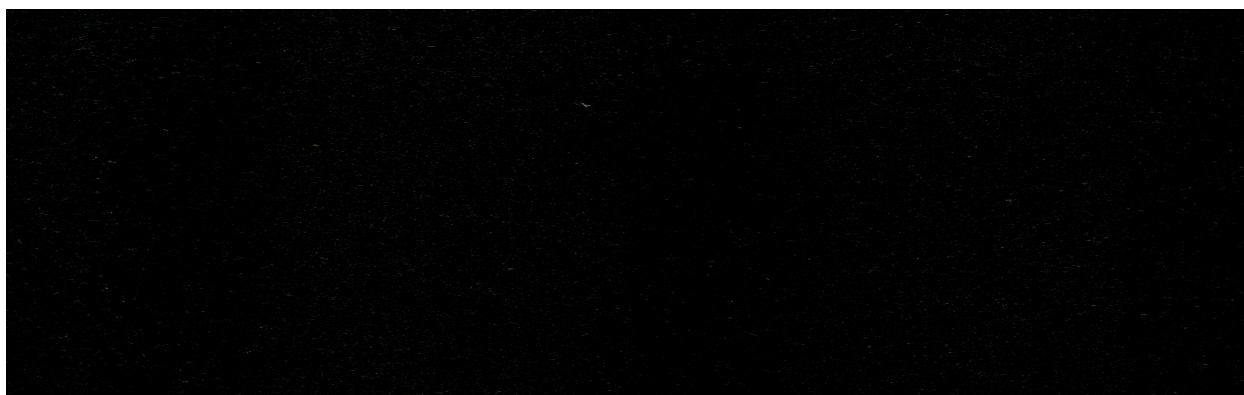
PARAMETER	UNIT	METHOD	EFFLUENT "น้ำผ่านการบำบัด"	STANDARD
pH at 25 °C	-	Electrometric Method	6.85	5.5 - 9.0
BOD ₅	mg/L	5-Days, BOD Test	2.0	≤ 20
		Azide Modification Method		
Total Suspended Solids	mg/L	Dried at 103-105 °C	3.0	≤ 30
Total Kjeldahl Nitrogen	mg/L	Macro-Kjeldahl, Titrimetric Method	3.92	≤ 35
Total Dissolved Solids	mg/L	Dried at 180 °C	382	≤ 1,000

PHYSICAL APPEARANCE

1. Sample : yellowish, brown SS
2. Container : normal [(PE 2.0 L, G 0.5 L)

STANDARD

: ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม พ.ศ. 2567
เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (ประเภท ก.)



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TEST REPORT

CUSTOMER : The Sands Khao Lak By Katathani
ADDRESS : 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190
SAMPLING SOURCE : The Sands Khaolak By Katathani Resorts
SAMPLING DATE : 17/07/2025
SAMPLING CONDITION : Wastewater Treatment
SAMPLING METHOD : GRAB
TESTED DATE : 17-31/07/2025
FILE NAME : The Sands Khaolak By Katathani Resorts

SAMPLE NO. : 6807-856
SAMPLING TIME : 09.03 AM
SAMPLING BY : STC
(MS. JUTAPORN JUTAMAST)
RECEIVED DATE : 17/07/2025
REPORTED DATE : 01/08/2025

PARAMETER	UNIT	METHOD	EFFLUENT "น้ำผ่านการบำบัด"	STANDARD
Grease & Oil	mg/L	Liquid-Liquid, Partition-Gravimetric Method	ND	≤ 20
Sulfide	mg/L as S ²⁻	Iodometric Method	0.13	≤ 1
Settleable Solids	mL/L	Volumetric Method	ND	-
Total Coliform Bacteria	MPN/100 mL	MPN Test Method	2,400	-
Fecal Coliform Bacteria	MPN/100 mL	MPN Test Method	540	-

PHYSICAL APPEARANCE 1. Sample : yellowish, brown SS
2. Container : normal [(PE 2.0 L, G 0.5 L)]

STANDARD : ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม พ.ศ. 2567
เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (ประเภท ก.)

REMARK 1) ND = Not Detected (ตรวจวัดไม่พบโดยวิธีทางห้องปฏิบัติการ)

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TEST REPORT

CUSTOMER : The Sands Khao Lak By Katathani
ADDRESS : 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190
SAMPLING SOURCE : The Sands Khaolak By Katathani Resorts
SAMPLING DATE : 21/08/2025
SAMPLING CONDITION : Wastewater Treatment
SAMPLING METHOD : GRAB
TESTED DATE : 21/08/2025-05/09/2025
FILE NAME : The Sands Khaolak By Katathani Resorts

SAMPLE NO. : 6808-0918
SAMPLING TIME : 08.51 AM
SAMPLING BY : STC
(MS. JUTAPORN JUTAMAST ว-176-จ-0006)
RECEIVED DATE : 21/08/2025
REPORTED DATE : 06/09/2025

PARAMETER	UNIT	METHOD	EFFLUENT "น้ำผ่านการบำบัด"	STANDARD
pH at 25 °C	-	Electrometric Method	7.20	5.5 - 9.0
BOD ₅	mg/L	5-Days, BOD Test	70.0	≤ 20
		Azide Modification Method		
Total Suspended Solids	mg/L	Dried at 103-105 °C (Part 2540D)	38	≤ 30
Total Dissolved Solids	mg/L	Dried at 180 °C (Part 2540C)	322	≤ 1,000
Total Kjeldahl Nitrogen	mg/L	Macro-Kjeldahl, Titrimetric Method	21.98	≤ 35

PHYSICAL APPEARANCE
1. Sample : turbid, brown SS
2. Container : normal [PE 2.0 L (2 bottles), G 0.5 L]

STANDARD
: ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม พ.ศ. 2567
เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (ประเภท ก.)

REMARK
1) Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023

Examin.....
(N)

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL LABORATORY



TEST REPORT

CUSTOMER : The Sands Khao Lak By Katathani
ADDRESS : 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190
SAMPLING SOURCE : The Sands Khaolak By Katathani Resorts
SAMPLING DATE : 21/08/2025
SAMPLING CONDITION : Wastewater Treatment
SAMPLING METHOD : GRAB
TESTED DATE : 21/08/2025-05/09/2025
FILE NAME : The Sands Khaolak By Katathani Resorts

SAMPLE NO. : 6808-0918
SAMPLING TIME : 08.51 AM
SAMPLING BY : STC
(MS. JUTAPORN JUTAMAST)
RECEIVED DATE : 21/08/2025
REPORTED DATE : 06/09/2025

PARAMETER	UNIT	METHOD	EFFLUENT "น้ำผ่านการบำบัด"	STANDARD
Grease & Oil	mg/L	Liquid-Liquid, Partition-Gravimetric Method	1.0	≤ 20
Sulfide	mg/L as S ²⁻	Iodometric Method	ND	≤ 1
Settleable Solids	mL/L	Volumetric Method	0.5	-
Total Coliform Bacteria	MPN/100 mL	MPN Test Method	160,000	-
Fecal Coliform Bacteria	MPN/100 mL	MPN Test Method	14,000	-

PHYSICAL APPEARANCE 1. Sample : turbid, brown SS
2. Container : normal [PE 2.0 L (2 bottles), G 0.5 L]

STANDARD : ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม พ.ศ. 2567
เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (ประเภท ก.)

REMARK 1) Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023
2) ND = Not Detected (ตรวจวัดไม่พบโดยวิธีทางห้องปฏิบัติการ)

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TEST REPORT

CUSTOMER : The Sands Khao Lak By Katathani
ADDRESS : 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190
SAMPLING SOURCE : The Sands Khaolak By Katathani Resorts SAMPLE NO. : 6809-0964
SAMPLING DATE : 23/09/2025 SAMPLING TIME : 09.22 AM
SAMPLING CONDITION : Wastewater Treatment SAMPLING BY : STC
SAMPLING METHOD : GRAB (MS. JUTAPORN JUTAMAST)
TESTED DATE : 23-30/09/2025 RECEIVED DATE : 23/09/2025
FILE NAME : The Sands Khaolak By Katathani Resorts REPORTED DATE : 01/10/2025

PARAMETER	UNIT	METHOD	EFFLUENT "น้ำผ่านการบำบัด"	STANDARD
Total Suspended Solids	mg/L	Dried at 103-105 °C (Part 2540D)	1	≤ 30
Grease & Oil	mg/L	Liquid-Liquid, Partition-Gravimetric Method	ND	≤ 20
Sulfide	mg/L as S ²⁻	Iodometric Method	0.13	≤ 1
Settleable Solids	mL/L	Volumetric Method	ND	-
Total Coliform Bacteria	MPN/100 mL	MPN Test Method	92,000	-
Fecal Coliform Bacteria	MPN/100 mL	MPN Test Method	54,000	-

PHYSICAL APPEARANCE 1. Sample : yellowish, brown SS
2. Container : normal [PE 2.0 L (2 bottles), G 0.5 L]

STANDARD : ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม พ.ศ. 2567
เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (ประเภท ก.)

REMARK 1) Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023

THIS REPORT



TEST REPORT

CUSTOMER : The Sands Khao Lak By Katathani
ADDRESS : 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190
SAMPLING SOURCE : The Sands Khaolak By Katathani Resorts SAMPLE NO. : 6810-1029
SAMPLING DATE : 21/10/2025 SAMPLING TIME : 09.02 AM
SAMPLING CONDITION : Wastewater Treatment SAMPLING BY : STC
SAMPLING METHOD : GRAB (MS. JUTAPORN JUTAMAST 3-176-จ-0006)
TESTED DATE : 21/10/2025-05/11/2025 RECEIVED DATE : 21/10/2025
FILE NAME : The Sands Khaolak By Katathani Resorts REPORTED DATE : 07/11/2025

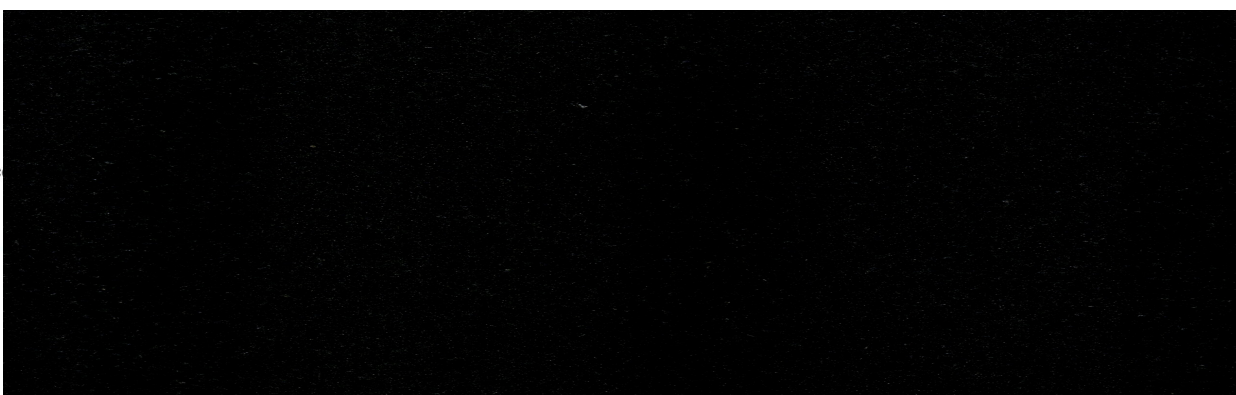
PARAMETER	UNIT	METHOD	EFFLUENT "น้ำผ่านการบำบัด"	STANDARD
pH at 25 °C	-	Electrometric Method	6.92	5.5 - 9.0
BOD ₅	mg/L	5-Days, BOD Test	7.0	≤ 20
		Azide Modification Method		
Total Suspended Solids	mg/L	Dried at 103-105 °C (Part 2540D)	40	≤ 30
Total Dissolved Solids	mg/L	Dried at 180 °C (Part 2540C)	502	≤ 1,000
Total Kjeldahl Nitrogen	mg/L	Macro-Kjeldahl, Titrimetric Method	5.60	≤ 35

PHYSICAL APPEARANCE 1. Sample : turbid, brown SS
2. Container : normal [PE 2.0 L (2 bottles), G 0.5 L]

STANDARD : ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม พ.ศ. 2567
เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (ประเภท ก.)

REMARK 1) Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th edition, 2023

Examine



THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL LABORATORY



TEST REPORT

CUSTOMER : The Sands Khao Lak By Katathani
ADDRESS : 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190
SAMPLING SOURCE : The Sands Khaolak By Katathani Resorts
SAMPLING DATE : 21/10/2025
SAMPLING CONDITION : Wastewater Treatment
SAMPLING METHOD : GRAB
TESTED DATE : 21/10/2025-05/11/2025
FILE NAME : The Sands Khaolak By Katathani Resorts

SAMPLE NO. : 6810-1029
SAMPLING TIME : 09.02 AM
SAMPLING BY : STC
(MS. JUTAPORN JUTAMAST)
RECEIVED DATE : 21/10/2025
REPORTED DATE : 07/11/2025

PARAMETER	UNIT	METHOD	EFFLUENT "น้ำผ่านการบำบัด"	STANDARD
Grease & Oil	mg/L	Liquid-Liquid, Partition-Gravimetric Method	ND	≤ 20
Sulfide	mg/L as S ²⁻	Iodometric Method	0.33	≤ 1
Settleable Solids	mL/L	Volumetric Method	0.5	-
Total Coliform Bacteria	MPN/100 mL	MPN Test Method	11,000	-
Fecal Coliform Bacteria	MPN/100 mL	MPN Test Method	7,000	-

PHYSICAL APPEARANCE 1. Sample : turbid, brown SS
2. Container : normal [PE 2.0 L (2 bottles), G 0.5 L]

STANDARD : ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม พ.ศ. 2567
เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (ประเภท ก.)

REMARK 1) Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th edition, 2023
2) ND = Not Detected (ตรวจวัดไม่พบโดยวิธีทางห้องปฏิบัติการ)

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL LABORATORY



TEST REPORT

CUSTOMER	: The Sands Khao Lak By Katathani		
ADDRESS	: 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190		
SAMPLING SOURCE ^{/3}	: The Sands Khaolak By Katathani Resorts	SAMPLE NO.	: 6811-1011
SAMPLING DATE ^{/3}	: 20/11/2025	SAMPLING TIME ^{/3}	: 10.17 AM
SAMPLING CONDITION	: Wastewater Treatment	SAMPLING BY ^{/3}	: STC
SAMPLING METHOD ^{/3}	: GRAB		(MS. JUTAPORN JUTAMAST ว-176-จ-0006)
TESTED DATE	: 20/11/2025-03/12/2025	RECEIVED DATE	: 20/11/2025
FILE NAME	: The Sands Khaolak By Katathani Resorts	REPORTED DATE	: 06/12/2025

PARAMETER	UNIT	METHOD	EFFLUENT "น้ำผ่านการบำบัด"	STANDARD
pH at 25 ⁰ C ^{/1}	-	Electrometric Method	6.12	5.5 - 9.0
BOD ₅ ^{/1}	mg/L	5-Days, BOD Test	21.0	≤ 20
		Azide Modification Method		
Total Suspended Solids	mg/L	Dried at 103-105 ⁰ C (Part 2540D)	24	≤ 30
Total Dissolved Solids	mg/L	Dried at 180 ⁰ C (Part 2540C)	428	≤ 1,000
Total Kjeldahl Nitrogen ^{/1}	mg/L	Macro-Kjeldahl, Titrimetric Method	17.50	≤ 35

PHYSICAL APPEARANCE 1. Sample : turbid, brown SS
2. Container : normal [PE 2.0 L (2 bottles), G 0.5 L]

STANDARD : ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม พ.ศ. 2567
เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (ประเภท ก.)

ANALYSIS METHOD Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th edition, 2023

REMARK
1. ^{/1} : Out of accredited scope by TISI (ISO/IEC 17025:2017)
2. ^{/2} : Out of accredited scope of private analysis laboratories ว.-176
3. ^{/3} : Information received from customer

Examined by

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL LABORATORY



TEST REPORT

CUSTOMER : The Sands Khao Lak By Katathani
ADDRESS : 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190
SAMPLING SOURCE^{/3} : The Sands Khaolak By Katathani Resorts
SAMPLING DATE^{/3} : 20/11/2025
SAMPLING CONDITION : Wastewater Treatment
SAMPLING METHOD^{/3} : GRAB
TESTED DATE : 20/11/2025-03/12/2025
FILE NAME : The Sands Khaolak By Katathani Resorts

SAMPLE NO. : 6811-1011
SAMPLING TIME^{/3} : 10.17 AM
SAMPLING BY^{/3} : STC
(MS. JUTAPORN JUTAMAST)
RECEIVED DATE : 20/11/2025
REPORTED DATE : 06/12/2025

PARAMETER	UNIT	METHOD	EFFLUENT "น้ำผ่านการบำบัด"	STANDARD
Grease & Oil ^{/1}	mg/L	Liquid-Liquid, Partition-Gravimetric Method	ND	≤ 20
Sulfide ^{/1}	mg/L as S ²⁻	Iodometric Method	0.07	≤ 1
Settleable Solids ^{/1,2}	mL/L	Volumetric Method	0.1	-
Total Coliform Bacteria ^{/1,2}	MPN/100 mL	MPN Test Method	92,000	-
Fecal Coliform Bacteria ^{/1,2}	MPN/100 mL	MPN Test Method	35,000	-

PHYSICAL APPEARANCE

1. Sample : turbid, brown SS
2. Container : normal [PE 2.0 L (2 bottles), G 0.5 L]

STANDARD

: ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม พ.ศ. 2567

เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (ประเภท ก.)

ANALYSIS METHOD

Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th edition, 2023

REMARK

1. ^{/1} : Out of accredited scope by TISI (ISO/IEC 17025:2017)
2. ^{/2} : Out of accredited scope of private analysis laboratories ว.-176
3. ^{/3} : Information received from customer
4. ND = Not Detected (ตรวจวัดไม่พบโดยวิธีทางห้องปฏิบัติการ)



TEST REPORT

CUSTOMER	: The Sands Khao Lak By Katathani		
ADDRESS	: 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190		
SAMPLING SOURCE ^{/3}	: The Sands Khaolak By Katathani Resorts	SAMPLE NO.	: 6812-1230
SAMPLING DATE ^{/3}	: 24/12/2025	SAMPLING TIME ^{/3}	: 09.46 AM
SAMPLING CONDITION	: Wastewater Treatment	SAMPLING BY ^{/3}	: STC
SAMPLING METHOD ^{/3}	: GRAB	(MS. JUTAPORN JUTAMAST จ-176-จ-0006)	
TESTED DATE	: 24/12/2025-07/01/2026	RECEIVED DATE	: 24/12/2025
FILE NAME	: The Sands Khaolak By Katathani Resorts	REPORTED DATE	: 12/01/2026

PARAMETER	UNIT	METHOD	EFFLUENT "น้ำผ่านการบำบัด"	STANDARD
pH at 25 °C ^{/1}	-	Electrometric Method	6.26	5.5 - 9.0
BOD ₅ ^{/1}	mg/L	5-Days, BOD Test	2.0	≤ 20
		Azide Modification Method		
Total Suspended Solids	mg/L	Dried at 103-105 °C (Part 2540D)	5	≤ 30
Total Dissolved Solids	mg/L	Dried at 180 °C (Part 2540C)	444	≤ 1,000
Total Kjeldahl Nitrogen ^{/1}	mg/L	Macro-Kjeldahl, Titrimetric Method	8.68	≤ 35

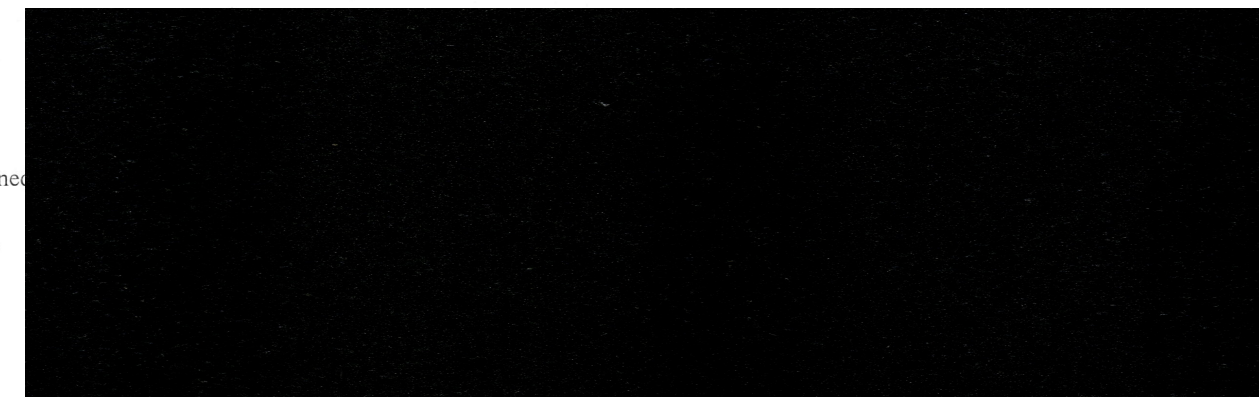
PHYSICAL APPEARANCE 1. Sample : yellowish, brown SS
2. Container : normal [PE 2.0 L (2 bottles), G 0.5 L]

STANDARD : ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม พ.ศ. 2567
เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (ประเภท ก.)

ANALYSIS METHOD Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th edition, 2023

REMARK
1. ^{/1} : Out of accredited scope by TISI (ISO/IEC 17025:2017)
2. ^{/2} : Out of accredited scope of private analysis laboratories จ.-176
3. ^{/3} : Information received from customer

Examined



THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL LABORATORY



TEST REPORT

CUSTOMER : The Sands Khao Lak By Katathani
ADDRESS : 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190
SAMPLING SOURCE^{/3} : The Sands Khaolak By Katathani Resorts
SAMPLING DATE^{/3} : 24/12/2025
SAMPLING CONDITION : Wastewater Treatment
SAMPLING METHOD^{/3} : GRAB
TESTED DATE : 24/12/2025-07/01/2026
FILE NAME : The Sands Khaolak By Katathani Resorts

SAMPLE NO. : 6812-1230
SAMPLING TIME^{/3} : 09.46 AM
SAMPLING BY^{/3} : STC
(MS. JUTAPORN JUTAMAST)
RECEIVED DATE : 24/12/2025
REPORTED DATE : 12/01/2026

PARAMETER	UNIT	METHOD	EFFLUENT "น้ำผ่านการบำบัด"	STANDARD
Grease & Oil ^{/1}	mg/L	Liquid-Liquid, Partition-Gravimetric Method	ND	≤ 20
Sulfide ^{/1}	mg/L as S ²⁻	Iodometric Method	0.27	≤ 1
Settleable Solids ^{/1,2}	mL/L	Volumetric Method	ND	-
Total Coliform Bacteria ^{/1,2}	MPN/100 mL	MPN Test Method	1,700	-
Fecal Coliform Bacteria ^{/1,2}	MPN/100 mL	MPN Test Method	1,100	-

PHYSICAL APPEARANCE

1. Sample : yellowish, brown SS
2. Container : normal [PE 2.0 L (2 bottles), G 0.5 L]

STANDARD

: ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม พ.ศ. 2567

เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางชนิด (ประเภท ก.)

ANALYSIS METHOD

Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th edition, 2023

REMARK

- 1.^{/1} : Out of accredited scope by TISI (ISO/IEC 17025:2017)
- 2.^{/2} : Out of accredited scope of private analysis laboratories จ.-176

REPORTED ANALYSIS REFER TO SUMMITTED SAMPLES ONLY

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ภาคผนวกที่ 2.3

ผลการตรวจวิเคราะห์คุณภาพน้ำสระว่ายนํ้า



TEST REPORT

CUSTOMER : The Sands Khao Lak By Katathani
ADDRESS : 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190
SAMPLING SOURCE : The Sands Khaolak By Katathani Resorts SAMPLE NO. : 6807-857
SAMPLING DATE : 17/07/2025 SAMPLING TIME : 08.58 AM
SAMPLING CONDITION : Water SAMPLING BY : STC
SAMPLING METHOD : GRAB (MS. JUTAPORN JUTAMAST)
TESTED DATE : 17-31/07/2025 RECEIVED DATE : 17/07/2025
FILE NAME : The Sands Khaolak By Katathani Resorts REPORTED DATE : 01/08/2025

PARAMETER	UNIT	METHOD	Pool Access "Lagoon Wing C 1"	STANDARD
Total Coliform Bacteria	MPN/100 mL	MPN Test Method	< 1.8	≤ 10
Fecal Coliform Bacteria	MPN/100 mL	MPN Test Method	< 1.8	ND

PHYSICAL APPEARANCE

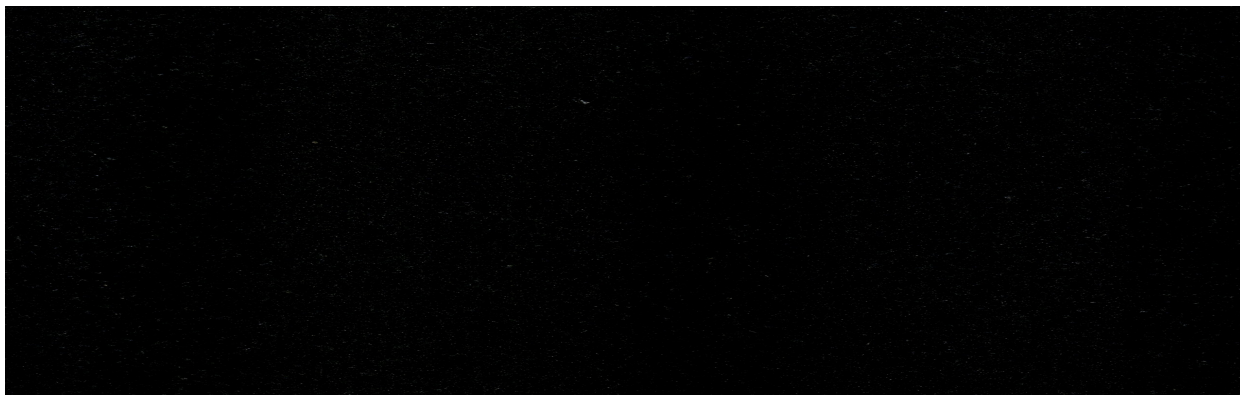
1. Sample : clear
2. Container : normal [G 0.25 L]

STANDARD

คำแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่องการควบคุมการประกอบกิจการสระว่ายน้ำ

REMARK

- 1) Total Coliform bacteria < 1.8 mean Not Detected (ตรวจวัดไม่พบโดยวิธีทางห้องปฏิบัติการ)
- 2) Fecal Coliform bacteria < 1.8 mean Not Detected (ตรวจวัดไม่พบโดยวิธีทางห้องปฏิบัติการ)



REPORTED ANALYSIS REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL LABORATORY



TEST REPORT

CUSTOMER : The Sands Khao Lak By Katathani
ADDRESS : 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190
SAMPLING SOURCE : The Sands Khaolak By Katathani Resorts SAMPLE NO. : 6808-0919
SAMPLING DATE : 21/08/2025 SAMPLING TIME : 08.46 AM
SAMPLING CONDITION : Water SAMPLING BY : STC
SAMPLING METHOD : GRAB (MS. JUTAPORN JUTAMAST)
TESTED DATE : 21/08/2025-05/09/2025 RECEIVED DATE : 21/08/2025
FILE NAME : The Sands Khaolak By Katathani Resorts REPORTED DATE : 06/09/2025

PARAMETER	UNIT	METHOD	Pool Access "Lagoon Wing C 1"	STANDARD
Total Coliform Bacteria	MPN/100 mL	MPN Test Method	< 1.8	≤ 10
Fecal Coliform Bacteria	MPN/100 mL	MPN Test Method	< 1.8	ND

PHYSICAL APPEARANCE

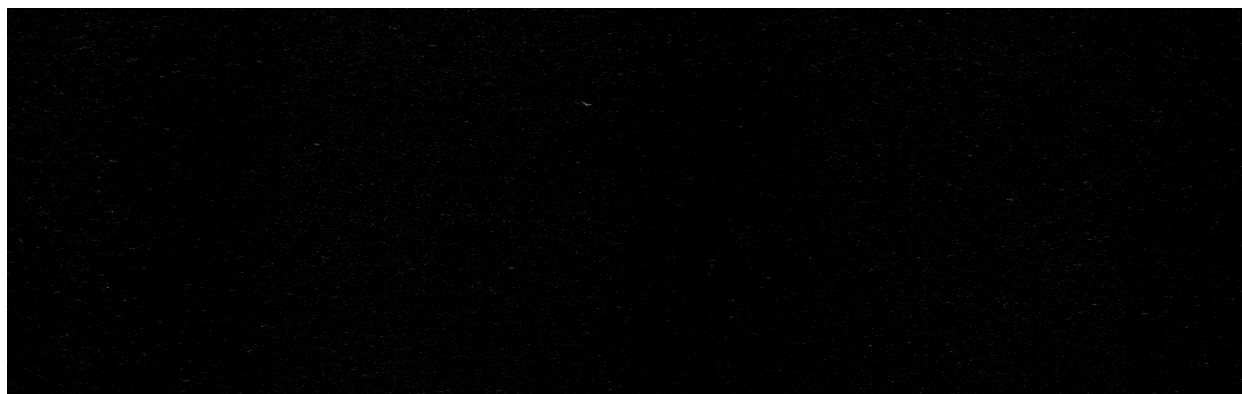
1. Sample : clear
2. Container : normal [G 0.25 L]

STANDARD

คำแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่องการควบคุมการประกอบกิจการสระว่ายน้ำ

REMARK

- 1) Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 202
- 2) Total Coliform bacteria < 1.8 mean Not Detected (ตรวจวัดไม่พบโดยวิธีทางห้องปฏิบัติการ)
- 3) Fecal Coliform bacteria < 1.8 mean Not Detected (ตรวจวัดไม่พบโดยวิธีทางห้องปฏิบัติการ)



REPORTED ANALYSIS REFER TO SUMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL LABORATORY



TEST REPORT

CUSTOMER : The Sands Khao Lak By Katathani
ADDRESS : 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190
SAMPLING SOURCE : The Sands Khaolak By Katathani Resorts SAMPLE NO. : 6809-0965
SAMPLING DATE : 23/09/2025 SAMPLING TIME : 09.37 AM
SAMPLING CONDITION : Water SAMPLING BY : STC
SAMPLING METHOD : GRAB (MS. JUTAPORN JUTAMAST)
TESTED DATE : 23-30/09/2025 RECEIVED DATE : 23/09/2025
FILE NAME : The Sands Khaolak By Katathani Resorts REPORTED DATE : 01/10/2025

PARAMETER	UNIT	METHOD	Pool Access "Lagoon Wing C 1"	STANDARD
Total Coliform Bacteria	MPN/100 mL	MPN Test Method	< 1.8	≤ 10
Fecal Coliform Bacteria	MPN/100 mL	MPN Test Method	< 1.8	ND

PHYSICAL APPEARANCE

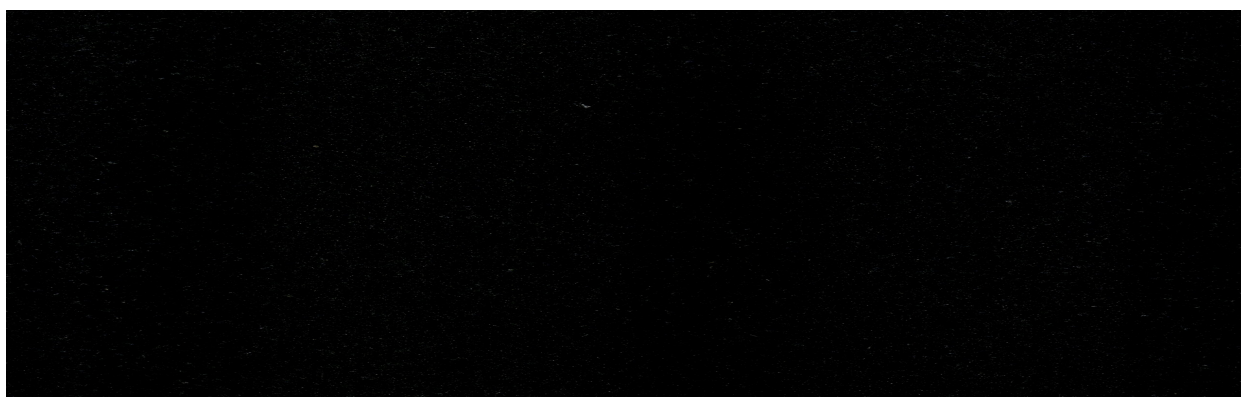
1. Sample : clear
2. Container : normal [G 0.25 L]

STANDARD

คำแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่องการควบคุมการประกอบกิจการสระว่ายน้ำ

REMARK

- 1) Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 202
- 2) Total Coliform bacteria < 1.8 mean Not Detected (ตรวจวัดไม่พบโดยวิธีทางห้องปฏิบัติการ)
- 3) Fecal Coliform bacteria < 1.8 mean Not Detected (ตรวจวัดไม่พบโดยวิธีทางห้องปฏิบัติการ)



THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL LABORATORY



TEST REPORT

CUSTOMER : The Sands Khao Lak By Katathani
ADDRESS : 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190
SAMPLING SOURCE : The Sands Khaolak By Katathani Resorts SAMPLE NO. : 6810-1030
SAMPLING DATE : 21/10/2025 SAMPLING TIME : 08.57 AM
SAMPLING CONDITION : Water SAMPLING BY : STC
SAMPLING METHOD : GRAB (MS. JUTAPORN JUTAMAST)
TESTED DATE : 21/10/2025-05/11/2025 RECEIVED DATE : 21/10/2025
FILE NAME : The Sands Khaolak By Katathani Resorts REPORTED DATE : 07/11/2025

PARAMETER	UNIT	METHOD	Pool Access "Lagoon Wing C 1"	STANDARD
Total Coliform Bacteria	MPN/100 mL	MPN Test Method	< 1.8	≤ 10
Fecal Coliform Bacteria	MPN/100 mL	MPN Test Method	< 1.8	ND

PHYSICAL APPEARANCE

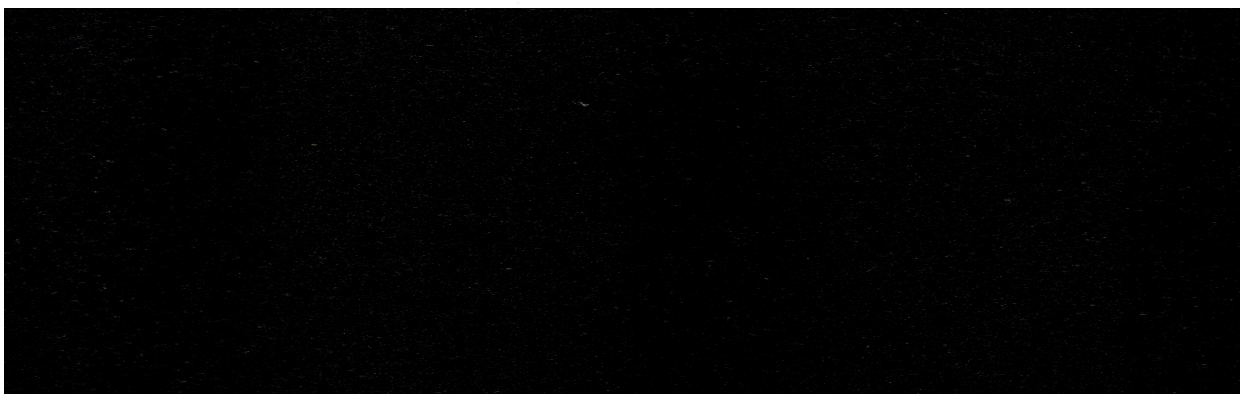
1. Sample : clear
2. Container : normal [G 0.25 L]

STANDARD

คำแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่องการควบคุมการประกอบกิจการสระว่ายน้ำ

REMARK

- 1) Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th edition, 2023
- 2) Total Coliform bacteria < 1.8 mean Not Detected (ตรวจวัดไม่พบโดยวิธีทางห้องปฏิบัติการ)
- 3) Fecal Coliform bacteria < 1.8 mean Not Detected (ตรวจวัดไม่พบโดยวิธีทางห้องปฏิบัติการ)



REPORTED ANALYSIS REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL LABORATORY



TEST REPORT

CUSTOMER : The Sands Khao Lak By Katathani
ADDRESS : 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190
SAMPLING SOURCE : The Sands Khaolak By Katathani Resorts SAMPLE NO. : 6811-1012
SAMPLING DATE : 20/11/2025 SAMPLING TIME : 10.15 AM
SAMPLING CONDITION : Water SAMPLING BY : STC
SAMPLING METHOD : GRAB (MS. JUTAPORN JUTAMAST)
TESTED DATE : 20/11/2025-03/12/2025 RECEIVED DATE : 20/11/2025
FILE NAME : The Sands Khaolak By Katathani Resorts REPORTED DATE : 06/12/2025

PARAMETER	UNIT	METHOD	Pool Access "Lagoon Wing C 1"	STANDARD
Total Coliform Bacteria	MPN/100 mL	MPN Test Method	< 1.8	≤ 10
Fecal Coliform Bacteria	MPN/100 mL	MPN Test Method	< 1.8	ND

PHYSICAL APPEARANCE

1. Sample : clear
2. Container : normal [G 0.25 L]

STANDARD

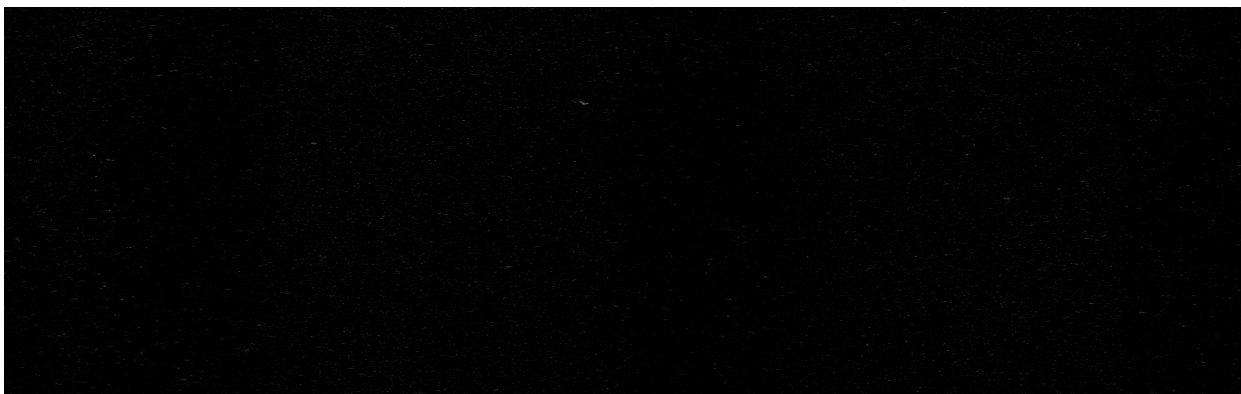
คำแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่องการควบคุมการประกอบกิจการสระว่ายน้ำ

ANALYSIS METHOD

Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th edition, 2023

REMARK

1. Total Coliform bacteria < 1.8 mean Not Detected (ตรวจวัดไม่พบโดยวิธีทางห้องปฏิบัติการ)
2. Fecal Coliform bacteria < 1.8 mean Not Detected (ตรวจวัดไม่พบโดยวิธีทางห้องปฏิบัติการ)



REPORTED ANALYSIS REFER TO SUMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL LABORATORY



TEST REPORT

CUSTOMER : The Sands Khao Lak By Katathani
ADDRESS : 10/18 M.7, Kukkak, Takuapa, Phang Nga 82190
SAMPLING SOURCE : The Sands Khaolak By Katathani Resorts
SAMPLING DATE : 24/12/2025
SAMPLING CONDITION : Water
SAMPLING METHOD : GRAB
TESTED DATE : 24/12/2025-07/01/2026
FILE NAME : The Sands Khaolak By Katathani Resorts
SAMPLE NO. : 6812-1231
SAMPLING TIME : 09.42 AM
SAMPLING BY : STC
(MS. JUTAPORN JUTAMAST)
RECEIVED DATE : 24/12/2025
REPORTED DATE : 12/01/2026

PARAMETER	UNIT	METHOD	Pool Access "Lagoon Wing C 1"	STANDARD
Total Coliform Bacteria	MPN/100 mL	MPN Test Method	< 1.8	≤ 10
Fecal Coliform Bacteria	MPN/100 mL	MPN Test Method	< 1.8	ND

PHYSICAL APPEARANCE

1. Sample : clear
2. Container : normal [G 0.25 L]

STANDARD

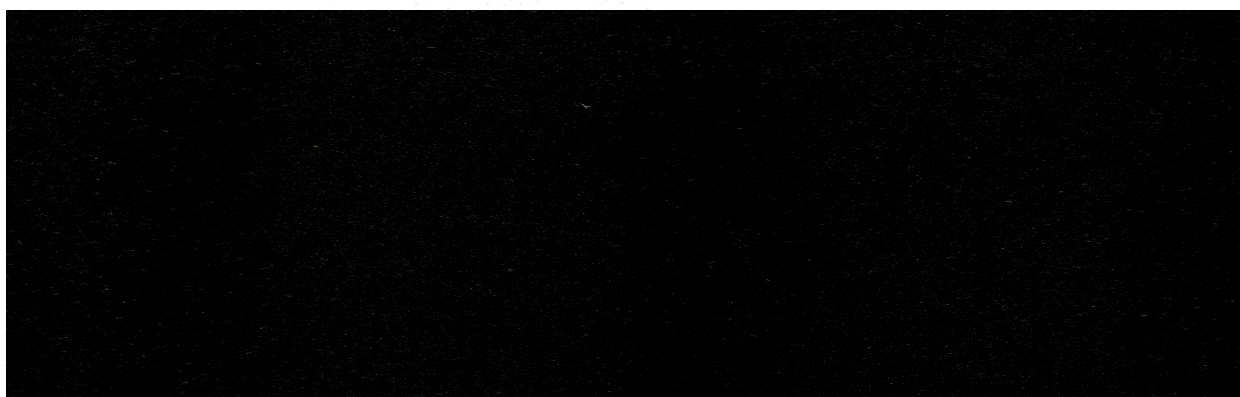
คำแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่องการควบคุมการประกอบกิจการสระว่ายน้ำ

ANALYSIS METHOD

Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th edition, 2023

REMARK

1. Total Coliform bacteria < 1.8 mean Not Detected (ตรวจวัดไม่พบโดยวิธีทางห้องปฏิบัติการ)
2. Fecal Coliform bacteria < 1.8 mean Not Detected (ตรวจวัดไม่พบโดยวิธีทางห้องปฏิบัติการ)



REPORTED ANALYSIS REFER TO SUMMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL LABORATORY