

## เอกสารแนบที่ 12

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ผลการตรวจสอบค่าความเป็นกรด-ด่าง และคลอรีนของสระว่ายน้ำประจำวัน



AN HIG HOTEL  
SAMUI BEACH

## DAILY CHECK LIST Swimming Pool ( Main pool )

Date: 1/06/25

Location	Desiption	Standard	Morning			Afternoon			Night		
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00
Main Pool	chemical										
	Ph. (2 - 7.6)	PPM	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	Cl. (5 - 3.0)	PPM	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Pump										
	SW 01	Auto/manual   On/Off	on	on	on	on	on	on	F	F	F
	SW 02	Auto/manual   On/Off	on	on	on	on	on	on	on	on	on
	SW 03	Auto/manual   On/Off	on	on	on	on	on	on	on	on	on
	FOUNAIN 01	Auto/manual   On/Off	OFF	on	on	on	on	off	F	F	F
	FOUNAIN 02	Auto/manual   On/Off	OFF	on	on	on	on	OFF	F	F	F
	FOUNAIN 03	Auto/manual   On/Off	OFF	on	on	on	on	OFF	F	F	F
	Salt machine										
	CLGENRATOR -1	PPT									
	CLGENRATOR -2	PPT									
	CLGENRATOR -3	PPT									
	CLGENRATOR -4	PPT									
	CLGENRATOR -5	PPT									
	CLGENRATOR -6	PPT									
	CLGENRATOR -7	PPT									
	salt meauring pen	PPT	3.60	3.40	3.70	3.40	3.40	3.40	3.6	3.6	3.6
	Filter tank										
	Filter tank No.1	( pressure )	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Filter tank No.2	( pressure )	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.6	0.6
	Filter tank No.3	( pressure )	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
	General										
	Submersible Pump	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Waterleakage	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2	1	1	1	1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Valve Main Drain	1 open/close 2	2	2	2	2	2	2	2	2	2
	valve Main Drain (Kid)	1 open/close 2	1	1	1	1	1	1	1	1	1
	valve water make-up	1 open/close 2	2	2	2	2	2	2	2	2	2
	Valve Vacuum 1-3	1 open/close 2	2	2	2	2	2	2	2	2	2
	ventilation fan	1 open/close 2	1	1	1	1	1	1	1	1	1
	vacuum sediment	1 Suck / Don't suck 2	2	2	2	2	2	2	2	2	2
	slider cleaning	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	pool wall	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	pool water level	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Add salt	1 sacks/not 2	2	2	2	2	2	2	2	2	2

Supervisor: .....

Duty Engineer: .....

Date: .....

Date: .....



ANING HOTEL  
SAMUI BOFHOT BEACH

Date: 2/6/25

## DAILY CHECK LIST Swimming Pool ( Main pool )

Location	Description	Standard	Morning			Afternoon			Night			
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00	
Main Pool	chemical											
	Ph. (7.2 - 7.6)	PPM	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	
	Cl. (1.5 - 3.0)	PPM	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
	Pump											
	SW 01	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	ON	F	F	
	SW 02	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	F	F	ON	
	SW 03	Auto/manual   On/Off	F	ON	ON	ON	ON	ON	ON	ON	ON	
	FOUNTAIN 01	Auto/manual   On/Off	F	ON	ON	ON	ON	OFF	F	F	F	
	FOUNTAIN 02	Auto/manual   On/Off	F	ON	ON	ON	ON	OFF	F	F	F	
	FOUNTAIN 03	Auto/manual   On/Off	F	ON	ON	ON	ON	OFF	F	F	F	
	Salt machine											
	CLGENERATOR -1	PPT										
	CLGENERATOR -2	PPT										
	CLGENERATOR -3	PPT										
	CLGENERATOR -4	PPT										
	CLGENERATOR -5	PPT										
	CLGENERATOR -6	PPT										
	CLGENERATOR -7	PPT										
	salt measuring pen	PPT		0.60	3.60	3.70	7.60	7.60	7.60	3.5	3.5	3.5
	Filter tank											
	Filter tank No.1	( pressure )		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Filter tank No.2	( pressure )		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Filter tank No.3	( pressure )		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	General											
	Submersible Pump	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	Water leakage	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2		1	1	1	1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	Valve Main Drain	1 open/close 2		2	2	2	2	2	2	2	2	2
	valve Main Drain (Kid)	1 open/close 2		1	1	1	1	1	1	1	1	1
	valve water make-up	1 open/close 2		2	2	2	2	2	2	2	2	2
	Valve Vacuum 1-3	1 open/close 2		2	2	2	2	2	2	2	2	2
	ventilation fan	1 open/close 2		1	1	1	1	1	1	1	1	1
	vacuum sediment	1 Suck / Don't suck 2		2	2	2	2	2	2	2	2	2
	slider cleaning	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	pool wall	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	pool water level	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	Add salt	1 sacks/not 2		2	2	2	2	2	2	2	2	2

Supervisor : .....

Duty Engineer : .....

Date : .....

Date : .....





AN IHG HOTEL  
SAMUI BEACH RESORT

## DAILY CHECK LIST Swimming Pool ( Main pool )

Date : 8/6/20

Location	Description	Standard	Morning			Afternoon			Night			
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00	
Main Pool	chemical											
	Ph. (7.2 - 7.6)	PPM	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	
	Cl. (1.5 - 3.0)	PPM	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
	Pump											
	SW 01	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	F	F	F	
	SW 02	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	F	ON	ON	
	SW 03	Auto/manual   On/Off	F	ON	ON	ON	ON	ON	ON	ON	ON	
	FOUNTAIN 01	Auto/manual   On/Off	F	ON	ON	ON	ON	OFF	F	F	F	
	FOUNTAIN 02	Auto/manual   On/Off	F	ON	ON	ON	ON	OFF	F	F	F	
	FOUNTAIN 03	Auto/manual   On/Off	F	ON	ON	ON	ON	OFF	F	F	F	
	Salt machine											
	CLGENERATOR -1	PPT										
	CLGENERATOR -2	PPT										
	CLGENERATOR -3	PPT										
	CLGENERATOR -4	PPT										
	CLGENERATOR -5	PPT										
	CLGENERATOR -6	PPT										
	CLGENERATOR -7	PPT										
	salt measuring pen	PPT		3.70	3.70	3.70	4.60	4.70	4.60	3.8	3.5	3.5
	Filter tank											
	Filter tank No.1	( pressure )		0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6
	Filter tank No.2	( pressure )		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Filter tank No.3	( pressure )		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	General											
	Submersible Pump	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	Water leakage	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2		1	1	1	1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	Valve Main Drain	1 open/close 2		2	2	2	2	2	2	2	2	2
	valve Main Drain (Kid)	1 open/close 2		1	1	1	1	1	1	1	1	1
	valve water make-up	1 open/close 2		2	2	2	2	2	2	2	2	2
	Valve Vacuum 1-3	1 open/close 2		2	2	2	2	2	2	2	2	2
	ventilation fan	1 open/close 2		1	1	1	1	1	1	1	1	1
	vacuum sediment	1 Suck / Don't suck 2		2	2	2	2	2	2	2	2	2
	slider cleaning	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	pool wall	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	pool water level	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	Add salt	1 sacks/not 2		2	2	2	2	2	2	2	2	2

Supervisor : .....

Duty Engineer : .....

Date : .....

Date : .....





AN INH HOTEL  
SAMUI BOPIHIT BEACH

4/6/25

Date : .....

## DAILY CHECK LIST Swimming Pool ( Main pool )

Location	Description	Standard	Morning			Afternoon			Night		
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00
Main Pool	chemical										
	Ph. (7.2 - 7.6)	PPM	7.2	7.2	7.2	7.2	7.2	7.2	7.6	7.6	7.6
	Cl. (1.5 - 3.0)	PPM	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Pump										
	SW 01	Auto/manual   On/Off	on	on	on	on	on	on	on	on	on
	SW 02	Auto/manual   On/Off	off	on	on	on	on	on	on	on	on
	SW 03	Auto/manual   On/Off	on	on	on	on	on	on	on	on	on
	FOUNTAIN 01	Auto/manual   On/Off	off	on	on	on	on	off	F	F	F
	FOUNTAIN 02	Auto/manual   On/Off	off	on	on	on	on	off	F	F	F
	FOUNTAIN 03	Auto/manual   On/Off	off	on	on	on	on	off	F	F	F
	Salt machine										
	CLGENERATOR -1	PPT									
	CLGENERATOR -2	PPT									
	CLGENERATOR -3	PPT									
	CLGENERATOR -4	PPT									
	CLGENERATOR -5	PPT									
	CLGENERATOR -6	PPT									
	CLGENERATOR -7	PPT									
	salt measuring pen	PPT	3.40	3.40	3.60	3.60	4.20	4.60			
	Filter tank										
	Filter tank No.1	( pressure )	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Filter tank No.2	( pressure )	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Filter tank No.3	( pressure )	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6
	General										
	Submersible Pump	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Water leakage	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2	1	1	1	1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Valve Main Drain	1 open/close 2	2	2	2	2	2	2	2	2	2
	valve Main Drain (Kid)	1 open/close 2	1	1	1	1	1	1	1	1	1
	valve water make-up	1 open/close 2	2	2	2	2	2	2	2	2	2
	Valve Vacuum 1-3	1 open/close 2	2	2	2	2	2	2	2	2	2
	ventilation fan	1 open/close 2	1	1	1	1	1	1	1	1	1
	vacuum sediment	1 Suck / Don't suck 2	2	2	2	2	2	2	2	2	2
	slider cleaning	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	pool wall	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	pool water level	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Add salt	1 sacks/not 2	2	2	2	2	2	2	2	2	2

Supervisor : .....

Duty Engineer : .....

Date : .....

Date : .....



AN INH HOTEL  
SAMUI BOPHIT BEACH

Date: 5/6/25

## DAILY CHECK LIST Swimming Pool ( Main pool )

Location	Description	Standard	Morning			Afternoon			Night			
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00	
Main Pool	chemical											
	Ph. (7.2 - 7.6)	PPM	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	
	Cl. (1.5 - 3.0)	PPM	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
	Pump											
	SW 01	Auto/manual   On/Off	on	on	on	on	on	on	on	on	on	
	SW 02	Auto/manual   On/Off	off	on	on	on	on	on	on	on	on	
	SW 03	Auto/manual   On/Off	on	on	on	on	on	on	off	on	off	
	FOUNTAIN 01	Auto/manual   On/Off	off	on	on	on	on	off	off	off	off	
	FOUNTAIN 02	Auto/manual   On/Off	off	on	on	on	on	off	off	off	off	
	FOUNTAIN 03	Auto/manual   On/Off	off	on	on	on	on	off	off	off	off	
	Salt machine											
	CLGENERATOR -1	PPT										
	CLGENERATOR -2	PPT										
	CLGENERATOR -3	PPT										
	CLGENERATOR -4	PPT										
	CLGENERATOR -5	PPT										
	CLGENERATOR -6	PPT										
	CLGENERATOR -7	PPT										
	salt measuring pen	PPT		3.70	3.50	3.70	3.60	3.70	3.60	3.40	3.50	2.8
	Filter tank											
	Filter tank No.1	( pressure )		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Filter tank No.2	( pressure )		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Filter tank No.3	( pressure )		0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6
	General											
	Submersible Pump	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	Water leakage	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2		1	1	1	1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	Valve Main Drain	1 open/close 2		2	2	2	2	2	2	2	2	2
	valve Main Drain (Kid)	1 open/close 2		1	1	1	1	1	1	1	1	1
	valve water make-up	1 open/close 2		2	2	2	2	2	2	2	2	2
	Valve Vacuum 1-3	1 open/close 2		2	2	2	2	2	2	2	2	2
	ventilation fan	1 open/close 2		1	1	1	1	1	1	1	1	1
	vacuum sediment	1 Suck / Don't suck 2		2	2	2	2	2	2	2	2	2
	slider cleaning	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	pool wall	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	pool water level	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	Add salt	1 sacks/not 2		2	2	2	2	2	2	2	2	2

Supervisor: .....

Duty Engineer: .....

Date: .....

Date: .....





AN IHG HOTEL  
SAMUI BEACH RESORT

## DAILY CHECK LIST Swimming Pool ( Main pool )

Date : 6/6/25

Location	Description	Standard	Morning			Afternoon			Night		
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00
Main Pool	chemical										
	Ph. (7.2 - 7.6)	PPM	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	Cl. (1.5 - 3.0)	PPM	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Pump										
	SW 01	Auto/manual   On/Off	on	on	on	on	on	on	F	F	F
	SW 02	Auto/manual   On/Off	OFF	on	on	on	on	on	F	F	on
	SW 03	Auto/manual   On/Off	on	on	on	on	on	on	on	on	on
	FOUNTAIN 01	Auto/manual   On/Off	OFF	on	on	on	on	off	OFF	F	F
	FOUNTAIN 02	Auto/manual   On/Off	OFF	on	on	on	on	off	F	F	F
	FOUNTAIN 03	Auto/manual   On/Off	OFF	on	on	on	on	off	F	F	F
	Salt machine										
	CLGENERATOR -1	PPT									
	CLGENERATOR -2	PPT									
	CLGENERATOR -3	PPT									
	CLGENERATOR -4	PPT									
	CLGENERATOR -5	PPT									
	CLGENERATOR -6	PPT									
	CLGENERATOR -7	PPT									
	salt measuring pen	PPT	3.70	3.50	3.70	3.60	3.70	3.60	3.6	3.6	3.6
	Filter tank										
	Filter tank No.1	( pressure )	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Filter tank No.2	( pressure )	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Filter tank No.3	( pressure )	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
	General										
	Submersible Pump	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Water leakage	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2	1	1	1	1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Valve Main Drain	1 open/close 2	2	2	2	2	2	2	2	2	2
	valve Main Drain (Kid)	1 open/close 2	1	1	1	1	1	1	1	1	1
	valve water make-up	1 open/close 2	2	2	2	2	2	2	2	2	2
	Valve Vacuum 1-3	1 open/close 2	2	2	2	2	2	2	2	2	2
	ventilation fan	1 open/close 2	1	1	1	1	1	1	1	1	1
	vacuum sediment	1 Suck / Don't suck 2	2	2	2	2	2	2	2	2	2
	slider cleaning	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	pool wall	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	pool water level	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Add salt	1 sacks/not 2	2	2	2	2	2	2	2	2	2

Supervisor : .....

Duty Engineer : .....

Date : .....

Date : .....





AN ING HOTEL  
SAMUI BOEHRIT BEACH

Date : 7/6/25

## DAILY CHECK LIST Swimming Pool ( Main pool )

Location	Description	Standard	Morning			Afternoon			Night		
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00
Main Pool	chemical										
	Ph. (7.2 - 7.6)	PPM	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	Cl. (1.5 - 3.0)	PPM	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Pump										
	SW 01	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	ON	F	
	SW 02	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	F	ON	ON
	SW 03	Auto/manual   On/Off	F	ON	ON	ON	ON	ON	F	ON	ON
	FOUNTAIN 01	Auto/manual   On/Off	F	ON	ON	ON	ON	OFF	F	F	F
	FOUNTAIN 02	Auto/manual   On/Off	F	ON	ON	ON	ON	OFF	F	F	F
	FOUNTAIN 03	Auto/manual   On/Off	F	ON	ON	ON	ON	OFF	F	F	F
	Salt machine										
	CLGENERATOR -1	PPT									
	CLGENERATOR -2	PPT									
	CLGENERATOR -3	PPT									
	CLGENERATOR -4	PPT									
	CLGENERATOR -5	PPT									
	CLGENERATOR -6	PPT									
	CLGENERATOR -7	PPT									
	salt measuring pen	PPT	3.70	3.70	3.80	3.70	3.60	3.70	3.6	3.6	3.6
	Filter tank										
	Filter tank No.1	( pressure )	0.8	0.8	0.8	0.6	0.7	0.7	0.7	0.7	0.6
	Filter tank No.2	( pressure )	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.7	0.6
	Filter tank No.3	( pressure )	0.2	0.7	0.7	0.6	0.7	0.7	0.7	0.6	0.6
	General										
	Submersible Pump	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Water leakage	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2	1	1	1	1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Valve Main Drain	1 open/close 2	2	2	2	2	2	2	2	2	2
	valve Main Drain (Kid)	1 open/close 2	1	1	1	1	1	1	1	1	1
	valve water make-up	1 open/close 2	2	2	2	2	2	2	2	2	2
	Valve Vacuum 1-3	1 open/close 2	2	2	2	2	2	2	2	2	2
	ventilation fan	1 open/close 2	1	1	1	1	1	1	1	1	1
	vacuum sediment	1 Suck / Don't suck 2	2	2	2	2	2	2	2	2	2
	slider cleaning	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	pool wall	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	pool water level	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Add salt	1 sacks/not 2	2	2	2	2	2	2	2	2	2

Supervisor : .....

Duty Engineer : .....

Date : .....

Date : .....



AN IHG HOTEL  
SAMUI BEACH RESORT

Date: 4/6/25

## DAILY CHECK LIST Swimming Pool ( Main pool )

Location	Description	Standard	Morning			Afternoon			Night		
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00
Main Pool	chemical										
	Ph. (7.2 - 7.6)	PPM	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	Cl. (1.5 - 3.0)	PPM	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Pump										
	SW 01	Auto/manual   On/Off	on	on	on	on	on	on	F	F	F
	SW 02	Auto/manual   On/Off	on	on	on	on	on	on	on	on	on
	SW 03	Auto/manual   On/Off	F	on	on	on	on	on	on	on	on
	FOUNTAIN 01	Auto/manual   On/Off	F	on	on	on	on	OFF	F	F	F
	FOUNTAIN 02	Auto/manual   On/Off	F	on	on	on	on	OFF	F	F	F
	FOUNTAIN 03	Auto/manual   On/Off	F	on	on	on	on	OFF	F	F	F
	Salt machine										
	CLGENERATOR -1	PPT									
	CLGENERATOR -2	PPT									
	CLGENERATOR -3	PPT									
	CLGENERATOR -4	PPT									
	CLGENERATOR -5	PPT									
	CLGENERATOR -6	PPT									
	CLGENERATOR -7	PPT									
	salt measuring pen	PPT	0.40	0.80	3.70	3.60	4.50	4.60	3.6	3.6	3.6
	Filter tank										
	Filter tank No.1	( pressure )	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	Filter tank No.2	( pressure )	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7
	Filter tank No.3	( pressure )	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.6
	General										
	Submersible Pump	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Water leakage	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2	1	1	1	1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Valve Main Drain	1 open/close 2	2	2	2	2	2	2	2	2	2
	valve Main Drain (Kid)	1 open/close 2	1	1	1	1	1	1	1	1	1
	valve water make-up	1 open/close 2	2	2	2	2	2	2	2	2	2
	Valve Vacuum 1-3	1 open/close 2	2	2	2	2	2	2	2	2	2
	ventilation fan	1 open/close 2	1	1	1	1	1	1	1	1	1
	vacuum sediment	1 Suck / Don't suck 2	2	2	2	2	2	2	2	2	2
	slider cleaning	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	pool wall	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	pool water level	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Add salt	1 sacks/not 2	2	2	2	2	2	2	2	2	2

Supervisor : .....

Duty Engineer : .....

Date : .....

Date : .....





AN IHG HOTEL  
SAMUI BEACH RESORT

## DAILY CHECK LIST Swimming Pool ( Main pool )

Date : 16/12/25

Location	Description	Standard	Morning			Afternoon			Night			
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00	
Main Pool	chemical											
	Ph. (7.2 - 7.6)	PPM	7.9	7.8	7.2	7.2	7.2	7.2	7.2	7.2	7.2	
	Cl. (1.5 - 3.0)	PPM	3.0	3.0	3.0	3.0	4.0	4.0	3.0	3.0	3.0	
	Pump											
	SW 01	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	F	F	F	
	SW 02	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	ON	ON	ON	
	SW 03	Auto/manual   On/Off	F	ON	ON	ON	ON	ON	ON	ON	ON	
	FOUNTAIN 01	Auto/manual   On/Off	F	ON	ON	ON	ON	OFF	F	F	F	
	FOUNTAIN 02	Auto/manual   On/Off	F	ON	ON	ON	ON	OFF	F	F	F	
	FOUNTAIN 03	Auto/manual   On/Off	F	ON	ON	ON	ON	OFF	F	F	F	
	Salt machine											
	CLGENERATOR -1	PPT										
	CLGENERATOR -2	PPT										
	CLGENERATOR -3	PPT										
	CLGENERATOR -4	PPT										
	CLGENERATOR -5	PPT										
	CLGENERATOR -6	PPT										
	CLGENERATOR -7	PPT										
	salt measuring pen	PPT	3.50	3.70	3.70	7.60	7.60	7.60	3.6	3.6	3.6	
	Filter tank											
	Filter tank No.1	( pressure )		0.2	0.2	0.2	0.2	0.2	0.6	0.2	0.2	0.2
	Filter tank No.2	( pressure )		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.2	0.2
	Filter tank No.3	( pressure )		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.2	0.2
	General											
	Submersible Pump	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	Water leakage	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2		1	1	1	1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	Valve Main Drain	1 open/close 2		2	2	2	2	2	2	2	2	2
	valve Main Drain (Kid)	1 open/close 2		1	1	1	1	1	1	1	1	1
	valve water make-up	1 open/close 2		2	2	2	2	2	2	2	2	2
	Valve Vacuum 1-3	1 open/close 2		2	2	2	2	2	2	2	2	2
	ventilation fan	1 open/close 2		1	1	1	1	1	1	1	1	1
	vacuum sediment	1 Suck / Don't suck 2		2	2	2	2	2	2	2	2	2
	slider cleaning	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	pool wall	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	pool water level	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	Add salt	1 sacks/not 2		2	2	2	2	2	2	2	2	2

Supervisor : .....

Duty Engineer : .....

Date : .....

Date : .....





AN IHG HOTEL  
SAMUI BEACH RESORT

## DAILY CHECK LIST Swimming Pool ( Main pool )

Date : 10/6/20

Location	Description	Standard	Morning			Afternoon			Night		
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00
Main Pool	chemical										
	Ph. (7.2 - 7.6)	PPM	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.1	7.2
	Cl. (1.5 - 3.0)	PPM	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Pump										
	SW 01	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	OFF	F	F
	SW 02	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	ON	ON	ON
	SW 03	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	ON	ON	ON
	FOUNTAIN 01	Auto/manual   On/Off	ON	ON	ON	ON	ON	F	F	F	F
	FOUNTAIN 02	Auto/manual   On/Off	ON	ON	ON	ON	ON	F	F	F	F
	FOUNTAIN 03	Auto/manual   On/Off	F	ON	ON	ON	ON	F	F	F	F
	Salt machine										
	CLGENERATOR -1	PPT									
	CLGENERATOR -2	PPT									
	CLGENERATOR -3	PPT									
	CLGENERATOR -4	PPT									
	CLGENERATOR -5	PPT									
	CLGENERATOR -6	PPT									
	CLGENERATOR -7	PPT									
	salt measuring pen	PPT	3.60	3.60	3.60	3.60	3.60	3.60	3.6	3.6	3.6
	Filter tank										
	Filter tank No.1	( pressure )	0.8	0.8	0.8	0.7	0.8	0.7	0.7	0.7	0.6
	Filter tank No.2	( pressure )	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.6
	Filter tank No.3	( pressure )	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.6
	General										
	Submersible Pump	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Water leakage	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2	1	1	1	1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Valve Main Drain	1 open/close 2	2	2	2	2	2	2	2	2	2
	valve Main Drain (Kid)	1 open/close 2	1	1	1	1	1	1	1	1	1
	valve water make-up	1 open/close 2	2	2	2	2	2	2	2	2	2
	Valve Vacuum 1-3	1 open/close 2	2	2	2	2	2	2	2	2	2
	ventilation fan	1 open/close 2	1	1	1	1	1	1	1	1	1
	vacuum sediment	1 Suck / Don't suck 2	2	2	2	2	2	2	2	2	2
	slider cleaning	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	pool wall	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	pool water level	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Add salt	1 sacks/not 2	2	2	2	2	2	2	2	2	2

Supervisor : .....

Duty Engineer : .....

Date : .....

Date : .....



AN IHG HOTEL  
SAMI BOHRI BEACH

Date: 11/6/25

## DAILY CHECK LIST Swimming Pool ( Main pool )

Location	Description	Standard	Morning			Afternoon			Night		
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00
Main Pool	chemical										
	Ph. (7.2 - 7.6)	PPM	7.2	7.2	7.2	7.2	7.2	7.2	7.2	2.2	7.2
	Cl. (1.5 - 3.0)	PPM	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Pump										
	SW 01	Auto/manual   On/Off	on	on	on	on	on	on	on	on	on
	SW 02	Auto/manual   On/Off	off	on	on	on	on	on	on	on	on
	SW 03	Auto/manual   On/Off	on	on	on	on	on	on	on	on	on
	FOUNTAIN 01	Auto/manual   On/Off	off	on	on	on	on	off	F	F	F
	FOUNTAIN 02	Auto/manual   On/Off	off	on	on	on	on	off	F	F	F
	FOUNTAIN 03	Auto/manual   On/Off	off	on	on	on	on	off	F	F	F
	Salt machine										
	CLGENERATOR -1	PPT									
	CLGENERATOR -2	PPT									
	CLGENERATOR -3	PPT									
	CLGENERATOR -4	PPT									
	CLGENERATOR -5	PPT									
	CLGENERATOR -6	PPT									
	CLGENERATOR -7	PPT									
	salt measuring pen	PPT	3.60	3.70	3.60	4.10	4.10	4.10	3.60	3.90	2.80
	Filter tank										
	Filter tank No.1	( pressure )	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Filter tank No.2	( pressure )	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Filter tank No.3	( pressure )	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6
	General										
	Submersible Pump	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Water leakage	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2	1	1	1	1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Valve Main Drain	1 open/close 2	2	2	2	2	2	2	2	2	2
	valve Main Drain (Kid)	1 open/close 2	1	1	1	1	1	1	1	1	1
	valve water make-up	1 open/close 2	2	2	2	2	2	2	2	2	2
	Valve Vacuum 1-3	1 open/close 2	2	2	2	2	2	2	2	2	2
	ventilation fan	1 open/close 2	1	1	1	1	1	1	1	1	1
	vacuum sediment	1 Suck / Don't suck 2	2	2	2	2	2	2	2	2	2
	slider cleaning	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	pool wall	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	pool water level	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Add salt	1 sacks/not 2	2	2	2	2	2	2	2	2	2

Supervisor : .....

Duty Engineer : .....

Date : .....

Date : .....





AN IHG HOTEL  
SAMUI BEACH RESORT

## DAILY CHECK LIST Swimming Pool ( Main pool )

Date: 12/6/25

Location	Description	Standard	Morning			Afternoon			Night			
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00	
Main Pool	chemical											
	Ph. (7.2 - 7.6)	PPM	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	
	Cl. (1.5 - 3.0)	PPM	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
	Pump											
	SW 01	Auto/manual   On/Off	on	on	on	on	on	on	on	on	on	
	SW 02	Auto/manual   On/Off	off	on	on	on	on	on	on	on	on	
	SW 03	Auto/manual   On/Off	on	on	on	on	on	on	on	on	on	
	FOUNTAIN 01	Auto/manual   On/Off	off	on	on	on	on	off	F	F	F	
	FOUNTAIN 02	Auto/manual   On/Off	off	on	on	on	on	off	F	F	F	
	FOUNTAIN 03	Auto/manual   On/Off	off	on	on	on	on	off	F	F	F	
	Salt machine											
	CLGENERATOR -1	PPT										
	CLGENERATOR -2	PPT										
	CLGENERATOR -3	PPT										
	CLGENERATOR -4	PPT										
	CLGENERATOR -5	PPT										
	CLGENERATOR -6	PPT										
	CLGENERATOR -7	PPT										
	salt measuring pen	PPT		3.60	3.70	3.80	4.20	4.70	4.70	3.8	3.80	3.8
	Filter tank											
	Filter tank No.1	( pressure )		0.6	0.6	0.6	0.6	0.6	0.6	0.8	0.8	0.8
	Filter tank No.2	( pressure )		0.6	0.6	0.6	0.6	0.6	0.6	0.8	0.8	0.8
	Filter tank No.3	( pressure )		0.5	0.5	0.5	0.5	0.6	0.5	0.8	0.8	0.8
	General											
	Submersible Pump	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	Water leakage	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2		1	1	1	1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	Valve Main Drain	1 open/close 2		2	2	2	2	2	2	2	2	2
	valve Main Drain (Kid)	1 open/close 2		1	1	1	1	1	1	1	1	1
valve water make-up	1 open/close 2		2	2	2	2	2	2	2	2	2	
Valve Vacuum 1-3	1 open/close 2		2	2	2	2	2	2	2	2	2	
ventilation fan	1 open/close 2		1	1	1	1	1	1	1	1	1	
vacuum sediment	1 Suck / Don't suck 2		2	2	2	2	2	2	2	2	2	
slider cleaning	1 normal/not normal 2		1	1	1	1	1	1	1	1	1	
pool wall	1 normal/not normal 2		1	1	1	1	1	1	1	1	1	
pool water level	1 normal/not normal 2		1	1	1	1	1	1	1	1	1	
Add salt	1 sacks/not 2		2	2	2	2	2	2	2	2	2	

Supervisor : .....

Duty Engineer : .....

Date : .....

Date : .....





AN INH HOTEL  
SAMUI DOPHUT BEACH

Date: 10/6/25

## DAILY CHECK LIST Water splash pad

Location	Description	Standard	Morning			Afternoon			Night		
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00
Water splash pad	chemical										
	Ph. (7.2 - 7.6)	PPM	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
	Cl. (1.5 - 3.0)	PPM	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	Pump										
	SWP	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	ON	ON	ON
	Water Play -P1	Auto/manual   On/Off	F	F	F	F	F	F	F	F	F
	Water Play -P2	Auto/manual   On/Off	F	ON	ON	ON	ON	OFF	F	F	F
	Water Play -P3	Auto/manual   On/Off	F	ON	ON	ON	ON	OFF	F	F	F
	Water Play -P4	Auto/manual   On/Off	F	ON	ON	ON	ON	OFF	F	F	F
	Salt machine										
	CLGENERATOR -1	PPT	-	-	-	-	-	-	-	-	-
	Salt measuring pen	PPT	-	-	-	-	-	-	-	-	-
	Filter tank										
	Filter tank No.1	( pressure )		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	General										
	Water leakage	1 normal/not normal 2		1	1	1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2		1	1	1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2		1	1	1	1	1	1	1	1
	Valve Main Drain	1 open/close 2		1	1	1	1	1	1	1	1
	valve water filling	1 open/close 2		1	1	1	1	1	1	1	1
	Valve Vacuum	1 open/close 2		2	2	2	2	2	2	2	2
	ventilation fan	1 open/close 2		1	1	1	1	1	1	1	1
	pool water level	1 normal/not normal 2		1	1	1	1	1	1	1	1
	Add salt	1 sacks/not 2		2	2	2	2	2	2	2	2
	Fountain Circle										
	Fountain Circle	A/M / O/F		A/O	A/O	A/O	A/O	A/O	A/O	A/O	A/O
	Supervisor : .....										
	Date : .....										
Duty Engineer : .....											
Date : .....											



AN ING HOTEL  
SAMUI BEACH RESORT

Date: 14/6/25

## DAILY CHECK LIST Water splash pad

Location	Description	Standard	Morning			Afternoon			Night		
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00
Water splash pad	chemical										
	Ph. (7.2 - 7.6)	PPM	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
	Cl. (1.5 - 3.0)	PPM	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	Pump										
	SWP	Auto/manual   On/Off	on	on	on	on	on	on	on	on	on
	Water Play -P1	Auto/manual   On/Off	F	F	F	F	F	F	F	F	F
	Water Play -P2	Auto/manual   On/Off	off	on	on	on	on	F	F	F	F
	Water Play -P3	Auto/manual   On/Off	off	on	on	on	on	F	F	F	F
	Water Play -P4	Auto/manual   On/Off	off	on	on	on	on	F	F	F	F
	Salt machine										
	CLGENERATOR -1	PPT	-	-	-	-	-	-	-	-	-
	Salt measuring pen	PPT	-	-	-	-	-	-	-	-	-
	Filter tank										
	Filter tank No.1	( pressure )	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	General										
	Water leakage	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2	1	1	1	1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Valve Main Drain	1 open/close 2	1	1	1	1	1	1	1	1	1
	valve water filling	1 open/close 2	1	1	1	1	1	1	1	1	1
	Valve Vacuum	1 open/close 2	2	2	2	2	2	2	2	2	2
	ventilation fan	1 open/close 2	1	1	1	1	1	1	1	1	1
	pool water level	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Add salt	1 sacks/not 2	2	2	2	2	2	2	2	2	2
	Fountain Circle										
	Fountain Circle	A/M / O/F	A/O	A/O	A/O				A/F	A/F	A/F
	Supervisor : ..... Duty Engineer : .....										
	Date : ..... Date : .....										



AN INGH HOTEL  
SAMUI DOFUTU BEACH

Date: 15/6/85

## DAILY CHECK LIST Water splash pad

Location	Description	Standard	Morning			Afternoon			Night		
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00
Water splash pad	chemical										
	Ph. (7.2 - 7.6)	PPM	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
	Cl. (1.5 - 3.0)	PPM	2.6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.6
	Pump										
	SWP	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	ON	ON	ON
	Water Play -P1	Auto/manual   On/Off	F	F	F	F	F	F	F	F	F
	Water Play -P2	Auto/manual   On/Off	F	ON	ON	ON	ON	F	F	F	F
	Water Play -P3	Auto/manual   On/Off	F	ON	ON	ON	ON	F	F	F	F
	Water Play -P4	Auto/manual   On/Off	F	ON	ON	ON	ON	F	F	F	F
	Salt machine										
	CLGENERATOR -1	PPT	-	-	-	-	-	-	-	-	-
	Salt measuring pen	PPT	-	-	-	-	-	-	-	-	-
	Filter tank										
	Filter tank No.1	( pressure )		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	General										
	Water leakage	1 normal/not normal 2		1	1	1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2		1	1	1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2		1	1	1	1	1	1	1	1
	Valve Main Drain	1 open/close 2		1	1	1	1	1	1	1	1
	valve water filling	1 open/close 2		1	1	1	1	1	1	1	1
	Valve Vacuum	1 open/close 2		2	2	2	2	2	2	2	2
	ventilation fan	1 open/close 2		1	1	1	1	1	1	1	1
	pool water level	1 normal/not normal 2		1	1	1	1	1	1	1	1
	Add salt	1 sacks/not 2		2	2	2	2	2	2	2	2
	Fountain Circle										
	Fountain Circle	A/M / O/F		A/O	A/O	A/O	A/O	A/O	A/F	A/F	A/F
	Supervisor: _____ Duty Engineer: _____										
	Date: _____ Date: _____										





AN IHG HOTEL  
SAMI BOHUT BEACH

Date: 16/6/95

## DAILY CHECK LIST Water splash pad

Location	Description	Standard	Morning			Afternoon			Night		
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00
Water splash pad	chemical										
	Ph. (7.2 - 7.6)	PPM	7.6	7.6	7.6	7.6	7.6	7.6	7.2	7.2	7.2
	Cl. (1.5 - 3.0)	PPM	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	Pump										
	SWP	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	ON	ON	ON
	Water Play -P1	Auto/manual   On/Off	F	F	F	F	F	OFF	F	F	F
	Water Play -P2	Auto/manual   On/Off	F	ON	ON	ON	ON	OFF	F	F	F
	Water Play -P3	Auto/manual   On/Off	F	ON	ON	ON	ON	OFF	F	F	F
	Water Play -P4	Auto/manual   On/Off	F	ON	ON	ON	ON	OFF	F	F	F
	Salt machine										
	CLGENERATOR -1	PPT	-	-	-	-	-	-	-	-	-
	Salt measuring pen	PPT	-	-	-	-	-	-	-	-	-
	Filter tank										
	Filter tank No.1	( pressure )		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	General										
	Water leakage	1 normal/not normal 2		1	1	1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2		1	1	1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2		1	1	1	1	1	1	1	1
	Valve Main Drain	1 open/close 2		1	1	1	1	1	1	1	1
	valve water filling	1 open/close 2		1	1	1	1	1	1	1	1
	Valve Vacuum	1 open/close 2		2	2	2	2	2	2	2	2
	ventilation fan	1 open/close 2		1	1	1	1	1	1	1	1
	pool water level	1 normal/not normal 2		1	1	1	1	1	1	1	1
	Add salt	1 sacks/not 2		2	2	2	2	2	2	2	2
	Fountain Circle										
Fountain Circle	A/M / O/F		A/O	A/O	A/O	A/O	A/O	A/O	A/O	A/O	
Supervisor : ..... Duty Engineer : .....											
Date : ..... Date : .....											



AN INH HOTEL  
SAMUI BEACH

Date: 17/10/25

## DAILY CHECK LIST Water splash pad

Location	Description	Standard	Morning			Afternoon			Night		
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00
Water splash pad	chemical										
	Ph. (7.2 - 7.6)	PPM	7.8	7.6	7.6	7.6	7.6	7.6	7.2	7.2	7.2
	Cl. (1.5 - 3.0)	PPM	3.0	3.0	3.0	1.0	2.0	2.0	2.0	2.0	2.0
	Pump										
	SWP	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	ON	ON	ON
	Water Play -P1	Auto/manual   On/Off	F	R	R	R	R	R	R	R	R
	Water Play -P2	Auto/manual   On/Off	ON	ON	ON	ON	ON	OFF	F	F	F
	Water Play -P3	Auto/manual   On/Off	R	ON	ON	ON	ON	OFF	F	F	F
	Water Play -P4	Auto/manual   On/Off	R	ON	ON	ON	ON	OFF	F	F	F
	Salt machine										
	CLGENERATOR -1	PPT	-	-	-	-	-	-	-	-	-
	Salt measuring pen	PPT	-	-	-	-	-	-	-	-	-
	Filter tank										
	Filter tank No.1	( pressure )		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	General										
	Water leakage	1 normal/not normal 2		1	1	1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2		1	1	1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2		1	1	1	1	1	1	1	1
	Valve Main Drain	1 open/close 2		1	1	1	1	1	1	1	1
	valve water filling	1 open/close 2		1	1	1	1	1	1	1	1
	Valve Vacuum	1 open/close 2		2	2	2	2	2	2	2	2
	ventilation fan	1 open/close 2		1	1	1	1	1	1	1	1
	pool water level	1 normal/not normal 2		1	1	1	1	1	1	1	1
	Add salt	1 sacks/not 2		2	2	2	2	2	2	2	2
	Fountain Circle										
	Fountain Circle	A/M / O/F		A/O	A/O	A/O	A/O	A/O	A/F	A/F	A/F
	Supervisor : ..... Duty Engineer : .....										
	Date : ..... Date : .....										





AN INH HOTEL  
SAMUI COAST BEACH

Date: 18/6/25

## DAILY CHECK LIST Water splash pad

Location	Description	Standard	Morning			Afternoon			Night		
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00
Water splash pad	chemical										
	Ph. (7.2 - 7.6)	PPM	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	Cl. (1.5 - 3.0)	PPM	2.0	2.0	2.0	3.0	3.0	3.0	2.0	2.0	2.0
	Pump										
	SWP	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	ON	ON	ON
	Water Play -P1	Auto/manual   On/Off	P	P	P	F	F	F	F	F	F
	Water Play -P2	Auto/manual   On/Off	OFF	ON	ON	ON	ON	F	F	F	F
	Water Play -P3	Auto/manual   On/Off	OFF	ON	ON	ON	ON	F	F	F	F
	Water Play -P4	Auto/manual   On/Off	OFF	ON	ON	ON	ON	F	F	F	F
	Salt machine										
	CLGENERATOR -1	PPT	-	-	-	-	-	-	-	-	-
	Salt measuring pen	PPT	-	-	-	-	-	-	-	-	-
	Filter tank										
	Filter tank No.1	( pressure )		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	General										
	Water leakage	1 normal/not normal 2		1	1	1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2		1	1	1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2		1	1	1	1	1	1	1	1
	Valve Main Drain	1 open/close 2		1	1	1	1	1	1	1	1
	valve water filling	1 open/close 2		1	1	1	1	1	1	1	1
	Valve Vacuum	1 open/close 2		2	2	2	2	2	2	2	2
	ventilation fan	1 open/close 2		1	1	1	1	1	1	1	1
	pool water level	1 normal/not normal 2		1	1	1	1	1	1	1	1
	Add salt	1 sacks/not 2		2	2	2	2	2	2	2	2
	Fountain Circle										
	Fountain Circle	A/M / O/F		A/O	A/O	A/O	A/O	A/O	A/O	A/F	A/F
	Supervisor: ..... Duty Engineer: .....										
	Date: ..... Date: .....										



AN IHG HOTEL  
SAMUI BOPHET BEACH

## DAILY CHECK LIST Water splash pad

Date : 19/8/25

Location	Description	Standard	Morning			Afternoon			Night		
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00
Water splash pad	chemical										
	Ph. (7.2 - 7.6)	PPM	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
	Cl. (1.5 - 3.0)	PPM	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	Pump										
	SWP	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	ON	ON	ON
	Water Play -P1	Auto/manual   On/Off	P	P	P	F	F	F	F	F	F
	Water Play -P2	Auto/manual   On/Off	OFF	ON	ON	ON	ON	F	F	F	F
	Water Play -P3	Auto/manual   On/Off	OFF	ON	ON	ON	ON	F	F	F	F
	Water Play -P4	Auto/manual   On/Off	OFF	ON	ON	ON	ON	F	F	F	F
	Salt machine										
	CLGENERATOR -1	PPT	-	-	-	-	-	-	-	-	-
	Salt measuring pen	PPT	-	-	-	-	-	-	-	-	-
	Filter tank										
	Filter tank No.1	( pressure )		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	General										
	Water leakage	1 normal/not normal 2		1	1	1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2		1	1	1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2		1	1	1	1	1	1	1	1
	Valve Main Drain	1 open/close 2		1	1	1	1	1	1	1	1
	valve water filling	1 open/close 2		1	1	1	1	1	1	1	1
	Valve Vacuum	1 open/close 2		2	2	2	2	2	2	2	2
	ventilation fan	1 open/close 2		1	1	1	1	1	1	1	1
	pool water level	1 normal/not normal 2		1	1	1	1	1	1	1	1
	Add salt	1 sacks/not 2		2	2	2	2	2	2	2	2
	Fountain Circle										
	Fountain Circle	A/M / O/F		A/O	A/O	A/O	A/O	A/O	A/O	A/F	A/F
	Supervisor : ..... Duty Engineer : .....										
	Date : ..... Date : .....										





AN IHG HOTEL  
SAMUI BEACH RESORT

## DAILY CHECK LIST Water splash pad

Date: 20/6/25

Location	Description	Standard	Morning			Afternoon			Night		
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00
Water splash pad	chemical										
	Ph. (7.2 - 7.6)	PPM	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
	Cl. (1.5 - 3.0)	PPM	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0
	Pump										
	SWP	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	ON	ON	ON
	Water Play -P1	Auto/manual   On/Off	P	P	P	F	F	F	F	F	F
	Water Play -P2	Auto/manual   On/Off	OFF	ON	ON	ON	ON	OFF	F	F	F
	Water Play -P3	Auto/manual   On/Off	OFF	ON	ON	ON	ON	OFF	F	F	F
	Water Play -P4	Auto/manual   On/Off	OFF	ON	ON	ON	ON	OFF	F	F	F
	Salt machine										
	CLGENERATOR -1	PPT	-	-	-	-	-	-	-	-	-
	Salt measuring pen	PPT	-	-	-	-	-	-	-	-	-
	Filter tank										
	Filter tank No.1	( pressure )		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	General										
	Water leakage	1 normal/not normal 2		1	1	1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2		1	1	1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2		1	1	1	1	1	1	1	1
	Valve Main Drain	1 open/close 2		1	1	1	1	1	1	1	1
	valve water filling	1 open/close 2		1	1	1	1	1	1	1	1
	Valve Vacuum	1 open/close 2		2	2	2	2	2	2	2	2
	ventilation fan	1 open/close 2		1	1	1	1	1	1	1	1
	pool water level	1 normal/not normal 2		1	1	1	1	1	1	1	1
	Add salt	1 sacks/not 2		2	2	2	2	2	2	2	2
	Fountain Circle										
	Fountain Circle	A/M / O/F		A/P	A/O	A/O	A/O	A/O	A/O	A/O	A/O
	Supervisor: _____ Duty Engineer: _____										
	Date: _____ Date: _____										



AN IHG HOTEL  
SAMUI COPIE BEACH

Date: 21/6/25

## DAILY CHECK LIST Swimming Pool ( Main pool )

Location	Description	Standard	Morning			Afternoon			Night		
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00
Main Pool	chemical										
	Ph. (7.2 - 7.6)	PPM	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	Cl. (1.5 - 3.0)	PPM	3.0	3.0	3.0	2.0	2.0	2.0	3.0	3.0	3.0
	Pump										
	SW 01	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	F	F	F
	SW 02	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	ON	ON	ON
	SW 03	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	ON	ON	ON
	FOUNTAIN 01	Auto/manual   On/Off	OFF	ON	ON	ON	ON	OFF	F	F	F
	FOUNTAIN 02	Auto/manual   On/Off	OFF	ON	ON	ON	ON	OFF	F	F	F
	FOUNTAIN 03	Auto/manual   On/Off	OFF	ON	ON	ON	ON	OFF	F	F	F
	Salt machine										
	CLGENERATOR -1	PPT									
	CLGENERATOR -2	PPT									
	CLGENERATOR -3	PPT									
	CLGENERATOR -4	PPT									
	CLGENERATOR -5	PPT									
	CLGENERATOR -6	PPT									
	CLGENERATOR -7	PPT									
	salt measuring pen	PPT	3.40	3.40	3.40	3.60	3.60	3.60	3.6	3.6	3.6
	Filter tank										
	Filter tank No.1	( pressure )	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7
	Filter tank No.2	( pressure )	0.5	0.5	0.5	0.7	0.7	0.7	0.7	0.7	0.7
	Filter tank No.3	( pressure )	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7
	General										
	Submersible Pump	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Water leakage	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2	1	1	1	1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Valve Main Drain	1 open/close 2	2	2	2	2	2	2	2	2	2
	valve Main Drain (Kid)	1 open/close 2	1	1	1	1	1	1	1	1	1
	valve water make-up	1 open/close 2	2	2	2	2	2	2	2	2	2
	Valve Vacuum 1-3	1 open/close 2	2	2	2	2	2	2	2	2	2
	ventilation fan	1 open/close 2	1	1	1	1	1	1	1	1	1
	vacuum sediment	1 Suck / Don't suck 2	2	2	2	2	2	2	2	2	2
	slider cleaning	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	pool wall	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	pool water level	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Add salt	1 sacks/not 2	2	2	2	2	2	2	2	2	2

Supervisor : .....

Duty Engineer : .....

Date : .....

Date : .....





AN IHG HOTEL  
SANGHVI BEACH

## DAILY CHECK LIST Swimming Pool ( Main pool )

Date: 22/6/25

Location	Description	Standard	Morning			Afternoon			Night		
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00
Main Pool	chemical										
	Ph. (7.2 - 7.6)	PPM	7.6	7.6	7.6	7.2	7.2	7.2	7.2	7.2	7.2
	Cl. (1.5 - 3.0)	PPM	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0
	Pump										
	SW 01	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	F	F	F
	SW 02	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	ON	ON	ON
	SW 03	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	ON	ON	ON
	FOUNTAIN 01	Auto/manual   On/Off	OFF	ON	ON	ON	ON	OFF	F	F	F
	FOUNTAIN 02	Auto/manual   On/Off	OFF	ON	ON	ON	ON	OFF	F	F	F
	FOUNTAIN 03	Auto/manual   On/Off	OFF	ON	ON	ON	ON	OFF	C	F	F
	Salt machine										
	CLGENERATOR -1	PPT									
	CLGENERATOR -2	PPT									
	CLGENERATOR -3	PPT									
	CLGENERATOR -4	PPT									
	CLGENERATOR -5	PPT									
	CLGENERATOR -6	PPT									
	CLGENERATOR -7	PPT									
	salt measuring pen	PPT	3.70	3.70	3.70	4.60	4.70	4.60	3.6	3.6	3.6
	Filter tank										
	Filter tank No.1	( pressure )	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7
	Filter tank No.2	( pressure )	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.6
	Filter tank No.3	( pressure )	0.6	0.6	0.6	0.5	0.6	0.6	0.7	0.7	0.6
	General										
	Submersible Pump	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Water leakage	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2	1	1	1	1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Valve Main Drain	1 open/close 2	2	2	2	2	2	2	2	2	2
	valve Main Drain (Kid)	1 open/close 2	1	1	1	1	1	1	1	1	1
	valve water make-up	1 open/close 2	2	2	2	2	2	2	2	2	2
	Valve Vacuum 1-3	1 open/close 2	2	2	2	2	2	2	2	2	2
	ventilation fan	1 open/close 2	1	1	1	1	1	1	1	1	1
	vacuum sediment	1 Suck / Don't suck 2	2	2	2	2	2	2	2	2	2
	slider cleaning	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	pool wall	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	pool water level	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Add salt	1 sacks/not 2	2	2	2	2	2	2	2	2	2

Supervisor: .....

Duty Engineer: .....

Date: .....

Date: .....



AN IHG HOTEL  
SAMUI BEACH RESORT

## DAILY CHECK LIST Swimming Pool ( Main pool )

Date : 30/01/25

Location	Description	Standard	Morning			Afternoon			Night			
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00	
Main Pool	chemical											
	Ph. (7.2 - 7.6)	PPM	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	
	Cl. (1.5 - 3.0)	PPM	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
	Pump											
	SW 01	Auto/manual   On/Off	ON	ON	ON	ON		ON	ON	ON	ON	
	SW 02	Auto/manual   On/Off	ON	ON	ON	ON		ON	ON	ON	ON	
	SW 03	Auto/manual   On/Off	ON	ON	ON	ON	Water	ON	ON	ON	ON	
	FOUNTAIN 01	Auto/manual   On/Off	F	ON	ON	ON		ON	F	F	F	
	FOUNTAIN 02	Auto/manual   On/Off	F	ON	ON	ON		ON	F	F	F	
	FOUNTAIN 03	Auto/manual   On/Off	F	ON	ON	ON	ON		ON	F	F	
	Salt machine											
	CLGENERATOR -1	PPT										
	CLGENERATOR -2	PPT										
	CLGENERATOR -3	PPT										
	CLGENERATOR -4	PPT										
	CLGENERATOR -5	PPT										
	CLGENERATOR -6	PPT										
	CLGENERATOR -7	PPT										
	salt measuring pen	PPT		3.20	3.10	3.80	4.60	4.60	4.70	3.6	3.6	3.6
	Filter tank											
	Filter tank No.1	( pressure )		0.8	0.5	0.8	0.6	-	0.6	0.7	0.7	0.7
	Filter tank No.2	( pressure )		0.6	0.6	0.6	0.6	-	0.6	0.7	0.7	0.7
	Filter tank No.3	( pressure )		0.6	0.6	0.6	0.6	-	0.6	0.7	0.7	0.7
	General											
	Submersible Pump	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	Water leakage	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2		1	1	1	1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	Valve Main Drain	1 open/close 2		2	2	2	2	2	2	2	2	2
	valve Main Drain (Kid)	1 open/close 2		2	2	1	1	1	1	1	1	1
	valve water make-up	1 open/close 2		1	1	2	2	2	2	2	2	2
	Valve Vacuum 1-3	1 open/close 2		2	2	2	2	2	2	1	1	1
	ventilation fan	1 open/close 2		1	1	1	1	1	1	1	1	1
	vacuum sediment	1 Suck / Don't suck 2		2	2	2	2	2	2	2	2	2
	slider cleaning	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
pool wall	1 normal/not normal 2		1	1	1	1	1	1	1	1	1	
pool water level	1 normal/not normal 2		1	1	1	1	1	1	1	1	1	
Add salt	1 sacks/not 2		2	2	2	2	2	2	2	2	2	

Supervisor : .....

Duty Engineer : .....

Date : .....

Date : .....





AN IHG HOTEL  
SAMUI BEACH RESORT

## DAILY CHECK LIST Swimming Pool ( Main pool )

Date: 24/6/25

Location	Description	Standard	Morning			Afternoon			Night		
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00
Main Pool	chemical										
	Ph. (7.2 - 7.6)	PPM	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	Cl. (1.5 - 3.0)	PPM	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	Pump										
	SW 01	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	F	F	F
	SW 02	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	ON	ON	ON
	SW 03	Auto/manual   On/Off	F	ON	ON	ON	ON	ON	ON	ON	ON
	FOUNTAIN 01	Auto/manual   On/Off	F	ON	ON	ON	ON	ON	F	F	F
	FOUNTAIN 02	Auto/manual   On/Off	F	ON	ON	ON	ON	ON	F	F	F
	FOUNTAIN 03	Auto/manual   On/Off	F	ON	ON	ON	ON	ON	F	F	F
	Salt machine										
	CLGENERATOR -1	PPT									
	CLGENERATOR -2	PPT									
	CLGENERATOR -3	PPT									
	CLGENERATOR -4	PPT									
	CLGENERATOR -5	PPT									
	CLGENERATOR -6	PPT									
	CLGENERATOR -7	PPT									
	salt measuring pen	PPT	3.70	3.70	3.70	3.60	3.70	3.60	3.6	3.6	3.6
	Filter tank										
	Filter tank No.1	( pressure )	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7
	Filter tank No.2	( pressure )	0.7	0.7	0.7	0.6	0.6	0.6	0.7	0.7	0.7
	Filter tank No.3	( pressure )	0.7	0.7	0.7	0.6	0.6	0.7	0.7	0.7	0.7
	General										
Submersible Pump	1 normal/not normal 2	1	1	1	1	1	1	1	1	1	
Water leakage	1 normal/not normal 2	1	1	1	1	1	1	1	1	1	
Cleanliness in pump room	1 Done/Failed 2	1	1	1	1	1	1	1	1	1	
Lighting in pump room	1 normal/not normal 2	1	1	1	1	1	1	1	1	1	
Valve Main Drain	1 open/close 2	2	2	2	2	2	2	2	2	2	
valve Main Drain (Kid)	1 open/close 2	1	1	1	1	1	1	1	1	1	
valve water make-up	1 open/close 2	2	2	2	2	2	2	2	2	2	
Valve Vacuum 1-3	1 open/close 2	2	2	2	2	2	2	2	2	2	
ventilation fan	1 open/close 2	1	1	1	1	1	1	1	1	1	
vacuum sediment	1 Suck / Don't suck 2	2	2	2	2	2	2	2	2	2	
slider cleaning	1 normal/not normal 2	1	1	1	1	1	1	1	1	1	
pool wall	1 normal/not normal 2	1	1	1	1	1	1	1	1	1	
pool water level	1 normal/not normal 2	1	1	1	1	1	1	1	1	1	
Add salt	1 sacks/not 2	2	2	2	2	2	2	2	2	2	

Supervisor : .....

Duty Engineer : .....

Date : .....

Date : .....



AN IHG HOTEL  
SAMUI BOPHUT BEACH

## DAILY CHECK LIST Swimming Pool ( Main pool )

Date: 25/6/25

Location	Description	Standard	Morning			Afternoon			Night		
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00
Main Pool	chemical										
	Ph. (7.2 - 7.6)	PPM	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	Cl. (1.5 - 3.0)	PPM	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Pump										
	SW 01	Auto/manual   On/Off	on	on	on	on	on	on	on	on	on
	SW 02	Auto/manual   On/Off	on	on	on	on	on	on	on	on	on
	SW 03	Auto/manual   On/Off	on	on	on	on	on	on	off	on	off
	FOUNTAIN 01	Auto/manual   On/Off	off	on	on	on	on	off	off	off	off
	FOUNTAIN 02	Auto/manual   On/Off	off	on	on	on	on	off	off	off	off
	FOUNTAIN 03	Auto/manual   On/Off	off	on	on	on	on	off	off	off	off
	Salt machine										
	CLGENERATOR -1	PPT									
	CLGENERATOR -2	PPT									
	CLGENERATOR -3	PPT									
	CLGENERATOR -4	PPT									
	CLGENERATOR -5	PPT									
	CLGENERATOR -6	PPT									
	CLGENERATOR -7	PPT									
	salt measuring pen	PPT	3.60	3.70	3.60	3.50	3.60	3.60	3.6	3.6	3.6
	Filter tank										
	Filter tank No.1	( pressure )	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Filter tank No.2	( pressure )	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Filter tank No.3	( pressure )	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6
	General										
	Submersible Pump	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Water leakage	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2	1	1	1	1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Valve Main Drain	1 open/close 2	2	2	2	2	2	2	2	2	2
	valve Main Drain (Kid)	1 open/close 2	1	1	1	1	1	1	1	1	1
	valve water make-up	1 open/close 2	2	2	2	2	2	2	2	2	2
	Valve Vacuum 1-3	1 open/close 2	2	2	2	2	2	2	2	2	2
	ventilation fan	1 open/close 2	1	1	1	1	1	1	1	1	1
	vacuum sediment	1 Suck / Don't suck 2	2	2	2	2	2	2	2	2	2
	slider cleaning	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	pool wall	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	pool water level	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Add salt	1 sacks/not 2	2	2	2	2	2	2	2	2	2

Supervisor : .....

Duty Engineer : .....

Date : .....

Date : .....





# DAILY CHECK LIST Swimming Pool ( Main pool )

AN IHG HOTEL  
SAMUI BEACH

Date 25/6/25

Location	Description	Standard	Morning			Afternoon			Night			
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00	
Main Pool	chemical											
	Ph. (7.2 - 7.6)	PPM	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	
	Cl. (1.5 - 3.0)	PPM	3.0	3.0	3.0	4.0	4.0	4.0	3.0	3.0	3.0	
	Pump											
	SW 01	Auto/manual   On/Off	on	on	on	on	on	on	on	on	on	
	SW 02	Auto/manual   On/Off	on	on	on	on	on	on	on	on	on	
	SW 03	Auto/manual   On/Off	on	on	on	on	on	on	F	on	F	
	FOUNTAIN 01	Auto/manual   On/Off	off	on	on	on	on	off	F	F	F	
	FOUNTAIN 02	Auto/manual   On/Off	off	on	on	on	on	off	F	F	F	
	FOUNTAIN 03	Auto/manual   On/Off	off	on	on	on	on	off	F	F	F	
	Salt machine											
	CLGENERATOR -1	PPT										
	CLGENERATOR -2	PPT										
	CLGENERATOR -3	PPT										
	CLGENERATOR -4	PPT										
	CLGENERATOR -5	PPT										
	CLGENERATOR -6	PPT										
	CLGENERATOR -7	PPT										
	salt measuring pen	PPT		3.60	3.60	3.60	4.50	4.60	4.60	3.80	3.80	3.80
	Filter tank											
	Filter tank No.1	( pressure )		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Filter tank No.2	( pressure )		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Filter tank No.3	( pressure )		0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6
	General											
	Submersible Pump	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	Water leakage	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2		1	1	1	1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2		1	1	1	1	1	1	1	1	1
	Valve Main Drain	1 open/close 2		2	2	2	2	2	2	2	2	2
	valve Main Drain (Kid)	1 open/close 2		1	1	1	1	1	1	1	1	1
valve water make-up	1 open/close 2		2	2	2	2	2	2	2	2	2	
Valve Vacuum 1-3	1 open/close 2		2	2	2	2	2	2	2	2	2	
ventilation fan	1 open/close 2		1	1	1	1	1	1	1	1	1	
vacuum sediment	1 Suck / Don't suck 2		2	2	2	2	2	2	2	2	2	
slider cleaning	1 normal/not normal 2		1	1	1	1	1	1	1	1	1	
pool wall	1 normal/not normal 2		1	1	1	1	1	1	1	1	1	
pool water level	1 normal/not normal 2		1	1	1	1	1	1	1	1	1	
Add salt	1 sacks/not 2		2	2	2	2	2	2	2	2	2	

Supervisor : .....

Duty Engineer : .....

Date : .....

Date : .....



# DAILY CHECK LIST Swimming Pool ( Main pool )

AN IHG HOTEL  
SAMUI BEACH RESORT

Date : 27/12/20

Location	Description	Standard	Morning			Afternoon			Night		
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00
Main Pool	chemical										
	Ph. (7.2 - 7.6)	PPM	7.2	7.2	7.2				7.2	7.2	7.2
	Cl. (1.5 - 3.0)	PPM	3.0	3.0	3.0				3.0	3.0	3.0
	Pump										
	SW 01	Auto/manual   On/Off	ON	ON	ON				ON	F	F
	SW 02	Auto/manual   On/Off	ON	ON	ON				ON	ON	ON
	SW 03	Auto/manual   On/Off	F	ON	ON				ON	ON	ON
	FOUNTAIN 01	Auto/manual   On/Off	F	ON	ON				F	F	F
	FOUNTAIN 02	Auto/manual   On/Off	F	ON	ON				F	F	F
	FOUNTAIN 03	Auto/manual   On/Off	F	ON	ON				F	F	F
	Salt machine										
	CLGENERATOR -1	PPT									
	CLGENERATOR -2	PPT									
	CLGENERATOR -3	PPT									
	CLGENERATOR -4	PPT									
	CLGENERATOR -5	PPT									
	CLGENERATOR -6	PPT									
	CLGENERATOR -7	PPT									
	salt measuring pen	PPT	3.80	3.80	3.70				3.6	3.6	3.6
	Filter tank										
	Filter tank No.1	( pressure )	0.8	0.8	0.8				0.6	0.7	0.7
	Filter tank No.2	( pressure )	0.7	0.7	0.7				0.7	0.7	0.7
	Filter tank No.3	( pressure )	0.7	0.7	0.7				0.7	0.7	0.7
	General										
	Submersible Pump	1 normal/not normal 2	1	1	1				1	1	1
	Water leakage	1 normal/not normal 2	1	1	1				1	1	1
	Cleanliness in pump room	1 Done/Failed 2	1	1	1				1	1	1
	Lighting in pump room	1 normal/not normal 2	1	1	1				1	1	1
	Valve Main Drain	1 open/close 2	2	2	2				2	2	2
	valve Main Drain (Kid)	1 open/close 2	1	1	1				1	1	1
	valve water make-up	1 open/close 2	2	2	2				2	2	2
	Valve Vacuum 1-3	1 open/close 2	2	2	2				2	2	2
	ventilation fan	1 open/close 2	1	1	1				1	1	1
	vacuum sediment	1 Suck / Don't suck 2	2	2	2				2	2	2
	slider cleaning	1 normal/not normal 2	1	1	1				1	1	1
	pool wall	1 normal/not normal 2	1	1	1				1	1	1
	pool water level	1 normal/not normal 2	1	1	1				1	1	1
	Add salt	1 sacks/not 2	2	2	2				2	2	2

Supervisor : .....

Duty Engineer : .....

Date : .....

Date : .....





AN INH HOTEL  
SAMUI BOPHUT BEACH

Date: 18/6/25

## DAILY CHECK LIST Swimming Pool ( Main pool )

Date

Location

Description

Standard

Morning

7.00

9.00

11.00

Afternoon

14.00

17.00

20.00

Night

23.00

2.00

4.00

chemical

Ph. (7.2 - 7.6)

PPM

3.0

3.0

3.0

7.2

7.2

7.2

7.2

7.2

7.2

Cl. (1.5 - 3.0)

PPM

7.2

7.2

7.2

3.0

3.0

3.0

3.0

3.0

3.0

Pump

SW 01

Auto/manual | On/Off

on

on

on

on

on

on

F

F

F

SW 02

Auto/manual | On/Off

on

on

on

on

on

on

on

on

on

SW 03

Auto/manual | On/Off

on

on

on

on

on

on

on

on

on

FOUNTAIN 01

Auto/manual | On/Off

off

on

on

on

on

on

F

F

F

FOUNTAIN 02

Auto/manual | On/Off

off

on

on

on

on

on

F

F

F

FOUNTAIN 03

Auto/manual | On/Off

off

on

on

on

on

on

F

F

F

Salt machine

CLGENERATOR -1

PPT

CLGENERATOR -2

PPT

CLGENERATOR -3

PPT

CLGENERATOR -4

PPT

CLGENERATOR -5

PPT

CLGENERATOR -6

PPT

CLGENERATOR -7

PPT

salt measuring pen

PPT

360

360

360

3.8

0.8

3.8

3.6

3.6

3.6

Filter tank

Filter tank No.1

( pressure )

0.6

0.6

0.6

0.8

0.8

0.6

0.7

0.7

0.6

Filter tank No.2

( pressure )

0.6

0.6

0.6

0.5

0.5

0.5

0.7

0.7

0.6

Filter tank No.3

( pressure )

0.8

0.6

0.6

0.5

0.5

0.5

0.7

0.7

0.7

General

Submersible Pump

1 normal/not normal 2

1

1

1

1

1

1

1

1

1

Water leakage

1 normal/not normal 2

1

1

1

1

1

1

1

1

1

Cleanliness in pump room

1 Done/Failed 2

1

1

1

1

1

1

1

1

1

Lighting in pump room

1 normal/not normal 2

1

1

1

1

1

1

1

1

1

Valve Main Drain

1 open/close 2

2

2

2

2

2

2

2

2

2

valve Main Drain (Kid)

1 open/close 2

1

1

1

1

1

1

1

1

1

valve water make-up

1 open/close 2

2

2

2

2

2

2

2

2

2

Valve Vacuum 1-3

1 open/close 2

2

2

2

2

2

2

2

2

2

ventilation fan

1 open/close 2

1

1

1

1

1

1

1

1

1

vacuum sediment

1 Suck / Don't suck 2

2

2

2

2

2

2

2

2

2

slider cleaning

1 normal/not normal 2

1

1

1

1

1

1

1

1

1

pool wall

1 normal/not normal 2

1

1

1

1

1

1

1

1

1

pool water level

1 normal/not normal 2

1

1

1

1

1

1

1

1

1

Add salt

1 sacks/not 2

2

2

2

2

2

2

2

2

2

Main Pool

Supervisor : .....

Duty Engineer : .....

Date : .....

Date : .....



# DAILY CHECK LIST Swimming Pool ( Main pool )

AN IHG HOTEL  
SAMUI GOLF BEACH

Date : 29/6/25

Location	Description	Standard	Morning			Afternoon			Night		
			7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00
Main Pool	chemical										
	Ph. (7.2 - 7.6)	PPM	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	Cl. (1.5 - 3.0)	PPM	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Pump										
	SW 01	Auto/manual   On/Off	F	F	ON	ON	ON	ON	F	F	F
	SW 02	Auto/manual   On/Off	ON	ON	ON	ON	ON	ON	ON	ON	ON
	SW 03	Auto/manual   On/Off	F	ON	ON	ON	ON	ON	ON	ON	ON
	FOUNTAIN 01	Auto/manual   On/Off	F	ON	ON	ON	ON	ON	F	F	F
	FOUNTAIN 02	Auto/manual   On/Off	F	ON	ON	ON	ON	ON	F	F	F
	FOUNTAIN 03	Auto/manual   On/Off	F	ON	ON	ON	ON	ON	F	F	F
	Salt machine										
	CLGENERATOR -1	PPT									
	CLGENERATOR -2	PPT									
	CLGENERATOR -3	PPT									
	CLGENERATOR -4	PPT									
	CLGENERATOR -5	PPT									
	CLGENERATOR -6	PPT									
	CLGENERATOR -7	PPT									
	salt measuring pen	PPT	3.70	3.70	3.70	3.70	3.70	3.70	3.6	3.6	3.6
	Filter tank										
	Filter tank No.1	( pressure )	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7
	Filter tank No.2	( pressure )	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.7	0.7
	Filter tank No.3	( pressure )	0.5	0.5	0.5	0.6	0.6	0.5	0.7	0.7	0.7
	General										
	Submersible Pump	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Water leakage	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2	1	1	1	1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Valve Main Drain	1 open/close 2	2	2	2	2	2	2	2	2	2
	valve Main Drain (Kid)	1 open/close 2	1	1	1	1	1	1	1	1	1
	valve water make-up	1 open/close 2	2	2	2	2	2	2	2	2	2
	Valve Vacuum 1-3	1 open/close 2	2	2	2	2	2	2	2	2	2
	ventilation fan	1 open/close 2	1	1	1	1	1	1	1	1	1
	vacuum sediment	1 Suck / Don't suck 2	2	2	2	2	2	2	2	2	2
	slider cleaning	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	pool wall	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	pool water level	1 normal/not normal 2	1	1	1	1	1	1	1	1	1
	Add salt	1 sacks/not 2	2	2	2	2	2	2	2	2	2

Supervisor : .....

Duty Engineer : .....

Date : .....

Date : .....





AN IHG HOTEL  
SAMUI BOPHUT BEACH

## DAILY CHECK LIST Swimming Pool ( Main pool )

Date: 30/6/25

Date	Location	Description	Standard	Morning			Afternoon			Night			
				7.00	9.00	11.00	14.00	17.00	20.00	23.00	2.00	4.00	
Main Pool	chemical												
	Ph. (7.2 - 7.6)	PPM		7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	
	Cl. (1.5 - 3.0)	PPM		3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
	Pump												
	SW 01	Auto/manual   On/Off		on	on	on	on	on	on	F	F	F	
	SW 02	Auto/manual   On/Off					-	on	on	on	on	on	
	SW 03	Auto/manual   On/Off					-	off	on	on	on	on	
	FOUNTAIN 01	Auto/manual   On/Off					-	on	on	F	F	F	
	FOUNTAIN 02	Auto/manual   On/Off					-	on	on	F	F	F	
	FOUNTAIN 03	Auto/manual   On/Off					-	on	on	F	F	F	
	Salt machine												
	CLGENERATOR -1	PPT					-						
	CLGENERATOR -2	PPT											
	CLGENERATOR -3	PPT											
	CLGENERATOR -4	PPT											
	CLGENERATOR -5	PPT											
	CLGENERATOR -6	PPT											
	CLGENERATOR -7	PPT											
	salt measuring pen	PPT						4.60	4.20	3.6	3.6	3.6	
	Filter tank												
	Filter tank No.1	( pressure )						0.2	0.6	0.6	0.7	0.6	0.6
	Filter tank No.2	( pressure )						0.2	0.6	0.6	0.7	0.6	0.6
	Filter tank No.3	( pressure )						0.2	0.6	0.6	0.7	0.6	0.6
	General												
	Submersible Pump	1 normal/not normal 2						1	1	1	1	1	1
	Water leakage	1 normal/not normal 2						1	1	1	1	1	1
	Cleanliness in pump room	1 Done/Failed 2						1	1	1	1	1	1
	Lighting in pump room	1 normal/not normal 2						1	1	1	1	1	1
	Valve Main Drain	1 open/close 2						1	1	1	1	1	1
	valve Main Drain (Kid)	1 open/close 2						1	1	1	1	1	1
	valve water make-up	1 open/close 2						2	2	2	2	2	2
	Valve Vacuum 1-3	1 open/close 2						2	2	1	2	2	2
	ventilation fan	1 open/close 2						1	1	2	2	1	1
	vacuum sediment	1 Suck / Don't suck 2						2	2	2	2	2	2
	slider cleaning	1 normal/not normal 2						1	1	1	1	1	1
	pool wall	1 normal/not normal 2						1	1	1	1	1	1
	pool water level	1 normal/not normal 2						1	1	1	1	1	1
	Add salt	1 sacks/not 2						2	2	2	2	2	2

Supervisor : .....

Duty Engineer : .....

Date : .....

Date : .....

## เอกสารแนบที่ 13

ผลการวิเคราะห์คุณภาพสิ่งแวดล้อม







## Analysis / Test Report

TESTING  
No.0009

**Client :** The Platinum Samui Co., Ltd.  
8888 Moo.1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani Thailand 84320  
**P/O :** PO38240  
**Project Name :**  
**Project Location :**

**Lot ID: 2557109**

Date Received : Jun 28, 2025  
Date Reported : Jul 07, 2025  
Report Number : 3334889-1

Page 1 of 1

**Sample Number** 2557109-1  
**Sampled Date** Jun 25, 2025  
**Sample Description** Air Quality  
**Location** บริเวณโครงการ (GPS 47P 612645, 1056852)  
**Date Analysis Commenced** Jun 30, 2025  
**Condition of Sample** Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag  
**Barometric Pressure** 758 mmHg  
**Atmospheric Temperature** 31.8 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
<b>Air Testing</b>									
Particulate matter as PM 10	25/06/25 - 26/06/25	mg/m3	-	0.005	0.033	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	25/06/25 - 26/06/25	mg/m3	-	0.005	0.102	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

### Guideline :

NEB No.24 : Notification of the National Environmental Board. No.24, 2004 (B.E.2547) dated September 22, 2004

**Sampled By :** Yongsil Rangsee

### Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

Approved by

*Saranya C.*

Saranya Chalermthamrong  
Scientist (4)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197  
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Life Sciences

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## ผลการวิเคราะห์คุณภาพน้ำทะเล



## Analysis Report SR2500030



TESTING  
No.0009

Client : The Platinum Samui Co., Ltd.  
8888 Moo 1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani, Thailand, 84320  
P/O : PO33147  
Project : —  
Project Location: Holiday Inn Samui

Work Order : SR2500030  
Report Number : SR2500030-AB (1)  
Date Received : Feb 20, 2025  
Date Reported : Jul 14, 2025  
Date Analysis Commenced : Feb 20, 2025  
No. of samples received : 1  
Temperature : 3.2 °C  
Sampled by : Panya Kiarputtirak

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Signatories

Kittitee Jamjumroon  
Scientist (3)





# Analysis Report SR2500030

Report Number : SR2500030-AB (1)



TESTING  
No.0009

## Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
SR2500030-001	น้ำทะเลบริเวณหน้าโครงการ No.1	---	47P 612716,1057098	1x 1L Plastic Bottle, 2x DO Bottle - MnSO4 and Alkaline Iodide, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x 120mL Plastic Bottle

## Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
EN0008	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - O (C)
EN0015	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, par 4500 - NO3 (E)
EN0017	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - NH3 (F)
EN0021	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)
EN0023	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - P (E)
EN0092	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2520 B
EN0102	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D
MC6010	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 B
MC6023	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9222 D



# Analysis Report SR2500030

Report Number : SR2500030-AB (1)



TESTING  
No.0009

Sub-Matrix: MARINE WATER

Client Sample ID

(Matrix: WATER)

Sub-Matrix: MARINE WATER (Matrix: WATER)							Client Sample ID	น้ำทะเลบริเวณหน้าโครงการ No.1	---	---
							Sampling Date	Feb 19, 2025 12:00 PM	---	---
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		SR2500030-001	-----	-----
						NEB 2564 Class 4	---	Result	---	---
Chemical Parameters										
EN0017	Bangkok	Ammonia Nitrogen	0.02	0.05	mg/L	≤0.2	---	0.445 *	---	---
EN0015	Bangkok	Nitrate as N	0.02	0.05	mg/L	≤0.06	---	0.411 *	---	---
EN0021	Bangkok	pH at 25°C	---	1.0	pH Unit	7-8.5	---	7.8 *	---	---
EN0023	Bangkok	Phosphate as P	0.005	0.01	mg/L	≤0.015	---	Not Detected *	---	---
Microbiological Parameters										
MC6010	Bangkok	Total Coliforms	---	---	MPN/100mL	≤1000	---	110	---	---
MC6023	Bangkok	Fecal Coliforms	---	---	CFU/100mL	≤100	---	11	---	---
Physical and Aggregate Properties										
EN0008	Bangkok	Dissolved Oxygen	---	0.1	mg/L	≥4	---	6.5 *	---	---
EN0092	Bangkok	Salinity	---	0.1	ppt	Change from lower salinity not more than 10%	---	2.5 *	---	---
EN0102	Bangkok	Total Suspended Solids	---	1	mg/L	The results should not be changed by more than the sum of daily or monthly or yearly average and the standard deviation.	---	27 *	---	---

Guideline: NEB 2564 Class 4: Sea Water: Notification of the National Environmental Board, B.E.2564 on Coastal Water Quality Standard (Class 4)





## Analysis Report SR2500030

Report Number : SR2500030-AB (1)



TESTING  
No.0009

Comment: Sampling is not included in scope of accreditation ISO/IEC 17025

This Analysis report is reissued to supersede report No. SR2500030-AA, Date Reported : Feb 26, 2025 due to revise guideline/specification.

- Key:
- ° LOD : Limit of Detection
  - ° "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
  - ° Result(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

———— END OF REPORT ————



## Analysis Report SR2500029

Client : The Platinum Samui Co., Ltd.  
8888 Moo 1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani, Thailand, 84320  
P/O : —  
Project : —  
Project Location: Holiday Inn Samui

Work Order : SR2500029  
Report Number : SR2500029-AA  
Date Received : Feb 21, 2025  
Date Reported : Feb 25, 2025  
Date Analysis Commenced : Feb 22, 2025  
No. of samples received : 6  
Temperature : 3.2 °C  
Sampled by : Pontep Suebkaew

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Signatories

*Siriluk P.*

Siriluk Bunnak  
Section Head



## Analysis Report SR2500029

Report Number : SR2500029-AA

### Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
SR2500029-001	น้ำทะเลบริเวณหน้าโครงการ		47P 612716, 1057098	1x 500mL Plastic Bottle
SR2500029-002	น้ำทะเลบริเวณหน้าโครงการ		47P 612716, 1057098	1x 500mL Plastic Bottle
SR2500029-003	น้ำทะเลบริเวณหน้าโครงการ		47P 612716, 1057098	1x 500mL Plastic Bottle
SR2500029-004	น้ำทะเลบริเวณหน้าโครงการ		47P 612716, 1057098	1x 500mL Plastic Bottle
SR2500029-005	น้ำทะเลบริเวณหน้าโครงการ		47P 612716, 1057098	1x 500mL Plastic Bottle
SR2500029-006	น้ำทะเลบริเวณหน้าโครงการ		47P 612716, 1057098	1x 500mL Plastic Bottle

### Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
EN0102	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D





# Analysis Report SR2500029

Report Number : SR2500029-AA

Sub-Matrix: MARINE WATER

(Matrix: WATER)

Client Sample ID

Sub-Matrix: MARINE WATER							Client Sample ID		น้ำทะเลบริเวณหน้าโครงการ	น้ำทะเลบริเวณหน้าโครงการ	น้ำทะเลบริเวณหน้าโครงการ
(Matrix: WATER)											
							Sampling Date		Feb 19, 2025 12:01 AM	Feb 19, 2025 04:01 AM	Feb 19, 2025 08:00 AM
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		SR2500029-001	SR2500029-002	SR2500029-003	
						---	---	Result	Result	Result	
Physical and Aggregate Properties											
EN0102	Bangkok	Total Suspended Solids	---	1	mg/L	---	---	8	6	7	



# Analysis Report SR2500029

Report Number : SR2500029-AA

Sub-Matrix: MARINE WATER

(Matrix: WATER)

Client Sample ID

น้ำทะเลบริเวณหน้าโครงการ

น้ำทะเลบริเวณหน้าโครงการ

น้ำทะเลบริเวณหน้าโครงการ

Method	Testing Lab	Analytes	LOD	LOQ	Unit	Sampling Date		Feb 19, 2025 12:00 PM	Feb 19, 2025 04:01 PM	Feb 19, 2025 02:00 AM
						Guideline		SR2500029-004	SR2500029-005	SR2500029-006
						—	—	Result	Result	Result
Physical and Aggregate Properties										
EN0102	Bangkok	Total Suspended Solids	—	1	mg/L	—	—	36	19	14

Guideline: —

Comment: Sampling is not included in scope of accreditation ISO/IEC 17025

- Key:
- LOD : Limit of Detection
  - "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

— END OF REPORT —



## Analysis Report SR2500038



TESTING  
No.0009

Client : The Platinum Samui Co., Ltd.  
8888 Moo 1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani, Thailand, 84320  
P/O : PO34090  
Project : —  
Project Location: Holiday Inn Samui

Work Order : SR2500038  
Report Number : SR2500038-AA (1)  
Date Received : Mar 20, 2025  
Date Reported : Jul 14, 2025  
Date Analysis Commenced : Mar 20, 2025  
No. of samples received : 1  
Temperature : 2.6 °C  
Sampled by : Nattaphol Chumchuen

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

### Signatories

Tuanjai T.

Tuanjai Thangklang  
Lab Manager - Microbiology





# Analysis Report SR2500038

Report Number : SR2500038-AA (1)



TESTING  
No.0009

## Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
SR2500038-001	น้ำทะเลบริเวณหน้าโครงการ No.1	---	47P 612716, 1057098	1x 1L Plastic Bottle, 2x DO Bottle - MnSO <sub>4</sub> and Alkaline Iodide, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x 120mL Plastic Bottle

## Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
EN0008	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - O (C)
EN0015	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, par 4500 - NO <sub>3</sub> (E)
EN0017	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - NH <sub>3</sub> (F)
EN0021	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)
EN0023	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - P (E)
EN0092	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2520 B
EN0102	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D
MC6010	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 B
MC6023	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9222 D



# Analysis Report SR2500038

Report Number : SR2500038-AA (1)



TESTING  
No.0009

Sub-Matrix: MARINE WATER

Client Sample ID

(Matrix: WATER)

Sampling Date

Sub-Matrix: MARINE WATER (Matrix: WATER)							Client Sample ID	น้ำทะเลบริเวณหน้าโครงการ No.1	---	---
Sampling Date								Mar 19, 2025 12:00 PM	----	----
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		SR2500038-001	-----	-----
						NEB 2564 Class 4	---	Result	---	---
Chemical Parameters										
EN0017	Bangkok	Ammonia Nitrogen	0.02	0.05	mg/L	≤0.2	---	0.420 *	---	---
EN0015	Bangkok	Nitrate as N	0.02	0.05	mg/L	≤0.06	----	0.0928 *	---	---
EN0021	Bangkok	pH at 25°C	---	1.0	pH Unit	7-8.5	----	8.0 *	---	---
EN0023	Bangkok	Phosphate as P	0.005	0.01	mg/L	≤0.015	---	0.01 *	---	---
Microbiological Parameters										
MC6010	Bangkok	Total Coliforms	---	---	MPN/100mL	≤1000	---	130	---	---
MC6023	Bangkok	Fecal Coliforms	---	---	CFU/100mL	≤100	---	57	---	---
Physical and Aggregate Properties										
EN0008	Bangkok	Dissolved Oxygen	---	0.1	mg/L	≥4	---	5.6 *	---	---
EN0092	Bangkok	Salinity	---	0.1	ppt	Change from lower salinity not more than 10%	---	30.0 *	---	---
EN0102	Bangkok	Total Suspended Solids	---	1	mg/L	The results should not be changed by more than the sum of daily or monthly or yearly average and the standard deviation.	---	7 *	---	---

Guideline: NEB 2564 Class 4: Sea Water: Notification of the National Environmental Board, B.E.2564 on Coastal Water Quality Standard (Class 4)



## Analysis Report SR2500038

Report Number : SR2500038-AA (1)



TESTING  
No.0009

Comment: This Analysis report is reissued to supersede report No. SR2500038-AA, Date Reported : Mar 26, 2025 due to revise guideline/specification.

- Key:
- LOD : Limit of Detection
  - "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
  - Result(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

————— END OF REPORT —————





## Analysis Report SR2500035

Client : The Platinum Samui Co., Ltd.  
8888 Moo 1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani, Thailand, 84320  
P/O : PO34090  
Project : —  
Project Location: Holiday Inn Samui

Work Order : SR2500035  
Report Number : SR2500035-AA  
Date Received : Mar 21, 2025  
Date Reported : Mar 25, 2025  
Date Analysis Commenced : Mar 22, 2025  
No. of samples received : 6  
Temperature : 5.1 °C  
Sampled by : Nattaphol Chumchuen

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Signatories

*Siriluk P.*

Siriluk Bunnak  
Section Head

ALS Laboratory Group (Thailand) Co., Ltd. Bangkok Life Sciences

104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand T +662 760 3000



## Analysis Report SR2500035

Report Number : SR2500035-AA

### Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
SR2500035-001	น้ำทะเลบริเวณหน้าโครงการ No.2	---	47P 612716, 1057098	1x 500mL Plastic Bottle, refrigerated
SR2500035-002	น้ำทะเลบริเวณหน้าโครงการ No.3	---	---	1x 500mL Plastic Bottle, refrigerated
SR2500035-003	น้ำทะเลบริเวณหน้าโครงการ No.4	---	47P 612716, 1057098	1x 500mL Plastic Bottle, refrigerated
SR2500035-004	น้ำทะเลบริเวณหน้าโครงการ No.5	---	47P 612716, 1057098	1x 500mL Plastic Bottle, refrigerated
SR2500035-005	น้ำทะเลบริเวณหน้าโครงการ No.6	---	47P 612716, 1057098	1x 500mL Plastic Bottle, refrigerated
SR2500035-006	น้ำทะเลบริเวณหน้าโครงการ No.7	---	47P 612716, 1057098	1x 500mL Plastic Bottle, refrigerated

### Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
EN0102	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D



# Analysis Report SR2500035

Report Number : SR2500035-AA

Sub-Matrix: MARINE WATER

Client Sample ID

(Matrix: WATER)

Sub-Matrix: MARINE WATER  (Matrix: WATER)							Client Sample ID		น้ำทะเลบริเวณหน้าโครงการ No.2	น้ำทะเลบริเวณหน้าโครงการ No.3	น้ำทะเลบริเวณหน้าโครงการ No.4
								Sampling Date	Mar 19, 2025 12:00 AM	Mar 19, 2025 04:00 AM	Mar 19, 2025 08:00 AM
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		SR2500035-001	SR2500035-002	SR2500035-003	
						---	---	Result	Result	Result	
Physical and Aggregate Properties											
EN0102	Bangkok	Total Suspended Solids	---	1	mg/L	---	---	11	---	51	
EN0102	Bangkok	Total Suspended Solids	---	5	mg/L	---	---	---	<5	---	





# Analysis Report SR2500035

Report Number : SR2500035-AA

Sub-Matrix: MARINE WATER

Client Sample ID

(Matrix: WATER)

น้ำทะเลบริเวณหน้าโครงการ No.5	น้ำทะเลบริเวณหน้าโครงการ No.6	น้ำทะเลบริเวณหน้าโครงการ No.7
Mar 19, 2025 12:00 PM	Mar 19, 2025 04:00 PM	Mar 19, 2025 08:00 PM
SR2500035-004	SR2500035-005	SR2500035-006
Result	Result	Result

							Sampling Date	
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		
Physical and Aggregate Properties								
EN0102	Bangkok	Total Suspended Solids		1	mg/L			

Guideline: ----

Comment: Sampling is not included in scope of accreditation ISO/IEC 17025

- Key:
- LOD : Limit of Detection
  - "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

----- END OF REPORT -----



## Analysis Report SR2500061



TESTING  
No.0009

Client : The Platinum Samui Co., Ltd.  
8888 Moo 1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani, Thailand, 84320  
P/O : PO35980  
Project : —  
Project Location: Holiday Inn Samui

Work Order : SR2500061  
Report Number : SR2500061-AA (2)  
Date Received : Apr 22, 2025  
Date Reported : Jul 14, 2025  
Date Analysis Commenced : Apr 22, 2025  
No. of samples received : 1  
Temperature : 3.9 °C  
Sampled by : Nattaphol Chumchuen

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Signatories

Kittitee Jamjumroon  
Scientist (3)



# Analysis Report SR2500061

Report Number : SR2500061-AA (2)



TESTING  
No.0009

## Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
SR2500061-001	น้ำทะเลบริเวณหน้าโครงการ No.1		47P 612716, 1057098	1x 1L Plastic Bottle, 2x DO Bottle - MnSO4 and Alkaline Iodide, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x 120mL Plastic Bottle, refrigerated

## Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
EN0008	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - O (C)
EN0015	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, par 4500 - NO3 (E)
EN0017	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - NH3 (F)
EN0021	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)
EN0023	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - P (E)
EN0092	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2520 B
EN0102	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D
MC6010	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 B
MC6023	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9222 D





# Analysis Report SR2500061

Report Number : SR2500061-AA (2)



TESTING  
No.0009

Sub-Matrix: MARINE WATER

Client Sample ID

(Matrix: WATER)

Sub-Matrix: MARINE WATER (Matrix: WATER)							Client Sample ID	น้ำทะเลบริเวณหน้าโครงการ No.1	---	---
							Sampling Date	Apr 21, 2025 12:00 PM	---	---
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		SR2500061-001	-----	-----
						NEB 2564 Class 4	---	Result	---	---
Chemical Parameters										
EN0017	Bangkok	Ammonia Nitrogen	0.02	0.05	mg/L	≤0.2	---	0.571 *	---	---
EN0015	Bangkok	Nitrate as N	0.02	0.05	mg/L	≤0.06	---	0.0532 *	---	---
EN0021	Bangkok	pH at 25°C	---	1.0	pH Unit	7-8.5	---	8.1 *	---	---
EN0023	Bangkok	Phosphate as P	0.005	0.01	mg/L	≤0.015	---	Not Detected *	---	---
Microbiological Parameters										
MC6010	Bangkok	Total Coliforms	---	---	MPN/100mL	≤1000	---	4.5	---	---
MC6023	Bangkok	Fecal Coliforms	---	---	CFU/100mL	≤100	---	5	---	---
Physical and Aggregate Properties										
EN0008	Bangkok	Dissolved Oxygen	---	0.1	mg/L	≥4	---	6.5 *	---	---
EN0092	Bangkok	Salinity	---	0.1	ppt	Change from lower salinity not more than 10%	---	31.5 *	---	---
EN0102	Bangkok	Total Suspended Solids	---	1	mg/L	The results should not be changed by more than the sum of daily or monthly or yearly average and the standard deviation.	---	13 *	---	---

Guideline: NEB 2564 Class 4: Sea Water: Notification of the National Environmental Board, B.E.2564 on Coastal Water Quality Standard (Class 4)



## Analysis Report SR2500061

Report Number : SR2500061-AA (2)



TESTING  
No.0009

Comment: Sampling is not included in scope of accreditation ISO/IEC 17025

This Analysis report is reissued to supersede report No. SR2500061-AA, Date Reported : Apr 28, 2025 due to revise guideline/specification.

- Key:
- ° LOD : Limit of Detection
  - ° "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
  - ° Result(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

————— END OF REPORT —————



## Analysis Report SR2500062

Client : The Platinum Samui Co., Ltd.  
8888 Moo 1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani, Thailand, 84320  
P/O : —  
Project : —  
Project Location: Holiday Inn Samui

Work Order : SR2500062  
Report Number : SR2500062-AA  
Date Received : Apr 23, 2025  
Date Reported : Apr 28, 2025  
Date Analysis Commenced : Apr 26, 2025  
No. of samples received : 6  
Temperature : 3.8 °C  
Sampled by : Panya Kiarputtirak

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

### Signatories

Kanokkorn Anek  
Assistant General Manager



## Analysis Report SR2500062

Report Number : SR2500062-AA

### Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
SR2500062-001	น้ำทะเลบริเวณหน้าโครงการ No.2	---	47P (612716, 1057098)	1x 500mL Plastic Bottle, refrigerated
SR2500062-002	น้ำทะเลบริเวณหน้าโครงการ No.3	---	47P (612716, 1057098)	1x 500mL Plastic Bottle, refrigerated
SR2500062-003	น้ำทะเลบริเวณหน้าโครงการ No.4	---	47P (612716, 1057098)	1x 500mL Plastic Bottle, refrigerated
SR2500062-004	น้ำทะเลบริเวณหน้าโครงการ No.5	---	47P (612716, 1057098)	1x 500mL Plastic Bottle, refrigerated
SR2500062-005	น้ำทะเลบริเวณหน้าโครงการ No.6	---	47P (612716, 1057098)	1x 500mL Plastic Bottle, refrigerated
SR2500062-006	น้ำทะเลบริเวณหน้าโครงการ No.7	---	47P (612716, 1057098)	1x 500mL Plastic Bottle, refrigerated

### Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
EN0102	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D





# Analysis Report SR2500062

Report Number : SR2500062-AA

Sub-Matrix: MARINE WATER

(Matrix: WATER)

Client Sample ID

Sub-Matrix: MARINE WATER (Matrix: WATER)								Client Sample ID	น้ำทะเลบริเวณหน้าโครงการ No.2	น้ำทะเลบริเวณหน้าโครงการ No.3	น้ำทะเลบริเวณหน้าโครงการ No.4
								Sampling Date	Apr 21, 2025 12:00 AM	Apr 21, 2025 04:00 AM	Apr 21, 2025 08:00 AM
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		SR2500062-001	SR2500062-002	SR2500062-003	
						---	---	Result	Result	Result	
Physical and Aggregate Properties											
EN0102	Bangkok	Total Suspended Solids	---	1	mg/L	---	---	10	---	9	
EN0102	Bangkok	Total Suspended Solids	---	5	mg/L	---	---	---	<5	---	



# Analysis Report SR2500062

Report Number : SR2500062-AA

Sub-Matrix: MARINE WATER

Client Sample ID

น้ำทะเลบริเวณหน้าโครงการ  
No.5

น้ำทะเลบริเวณหน้าโครงการ  
No.6

น้ำทะเลบริเวณหน้าโครงการ  
No.7

(Matrix: WATER)

Sampling Date

Apr 21, 2025 12:00 PM

Apr 21, 2025 04:00 PM

Apr 21, 2025 08:00 PM

Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		Apr 21, 2025 12:00 PM	Apr 21, 2025 04:00 PM	Apr 21, 2025 08:00 PM
								SR2500062-004	SR2500062-005	SR2500062-006
						---	---	Result	Result	Result
Physical and Aggregate Properties										
EN0102	Bangkok	Total Suspended Solids	---	1	mg/L	---	---	8	13	19

Guideline: ---

Comment: Sampling is not included in scope of accreditation ISO/IEC 17025

- Key:
- LOD : Limit of Detection
  - "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

END OF REPORT



## Analysis Report SR2500074



TESTING  
No.0009

Client : The Platinum Samui Co., Ltd.  
8888 Moo 1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani, Thailand, 84320  
P/O : PO37198  
Project : —  
Project Location: Holiday Inn Samui

Work Order : SR2500074  
Report Number : SR2500074-AA (2)  
Date Received : May 21, 2025  
Date Reported : Jul 14, 2025  
Date Analysis Commenced : May 21, 2025  
No. of samples received : 1  
Temperature : 3.8 °C  
Sampled by : Nattaphol Chumchuen  
Panya Kiartputtirak  
Pontep Suebkaew

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

### Signatories

Kittitee Jamjumroon  
Scientist (3)



# Analysis Report SR2500074

Report Number : SR2500074-AA (2)



TESTING  
No.0009

## Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
SR2500074-001	น้ำทะเลบริเวณหน้าโครงการ No.1	---	47P 612716, 1057098	1x 1L Plastic Bottle, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x Plastic Bottle, 1x Logsheet/ data, refrigerated

## Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
EN0015	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, par 4500 - NO3 (E)
EN0017	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - NH3 (F)
EN0021	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)
EN0023	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - P (E)
EN0092	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2520 B
EN0102	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D
EN0177	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - O (G)
MC6010	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 B
MC6023	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9222 D





# Analysis Report SR2500074

Report Number : SR2500074-AA (2)



TESTING  
No.0009

Sub-Matrix: MARINE WATER

Client Sample ID

น้ำทะเลบริเวณหน้าโครงการ  
No.1

(Matbrc WATER)

Sampling Date

May 20, 2025 12:02 PM

Sampling Date								May 20, 2025 12:02 PM	---	---
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		SR2500074-001	---	---
						NEB 2564 Class 4	---	Result	---	---
Chemical Parameters										
EN0017	Bangkok	Ammonia Nitrogen	0.02	0.05	mg/L	≤0.2	---	0.285 *	---	---
EN0015	Bangkok	Nitrate as N	0.02	0.05	mg/L	≤0.06	---	0.265 *	---	---
EN0021	Bangkok	pH at 25°C	---	1.0	pH Unit	7-8.5	---	8.1 *	---	---
EN0023	Bangkok	Phosphate as P	0.005	0.01	mg/L	≤0.015	---	0.01 *	---	---
Microbiological Parameters										
MC6010	Bangkok	Total Coliforms	---	---	MPN/100mL	≤1000	---	<1.8	---	---
MC6023	Bangkok	Fecal Coliforms	---	---	CFU/100mL	≤100	---	<1	---	---
Physical and Aggregate Properties										
EN0177	Bangkok	Dissolved Oxygen	---	0.1	mg/L	≥4	---	7.4 *	---	---
EN0092	Bangkok	Salinity	---	0.1	ppt	Change from lower salinity not more than 10%	---	29.5 *	---	---
EN0102	Bangkok	Total Suspended Solids	---	1	mg/L	The results should not be changed by more than the sum of daily or monthly or yearly average and the standard deviation.	---	9 *	---	---

Guideline: NEB 2564 Class 4: Sea Water: Notification of the National Environmental Board, B.E.2564 on Coastal Water Quality Standard (Class 4)



## Analysis Report SR2500074

Report Number : SR2500074-AA (2)



TESTING  
No.0009

Comment: Sampling is not included in scope of accreditation ISO/IEC 17025

This Analysis report is reissued to supersede report No. SR2500074-AA, Date Reported : May 27, 2025 due to revise guideline/specification.

Key:

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Result(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

----- END OF REPORT -----



## Analysis Report SR2500076

Client : The Platinum Samui Co., Ltd.  
8888 Moo 1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani, Thailand, 84320  
P/O : —  
Project : —  
Project Location: Holiday Inn Samui

Work Order : SR2500076  
Report Number : SR2500076-AA  
Date Received : May 22, 2025  
Date Reported : May 26, 2025  
Date Analysis Commenced : May 23, 2025  
No. of samples received : 6  
Temperature : 3.1 °C  
Sampled by : Nattaphol Chumchuen  
Panya Kiartputtirak  
Pontep Suebkaew

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

### Signatories

*Siriluk P.*

Siriluk Bunnak  
Section Head



## Analysis Report SR2500076

Report Number : SR2500076-AA

### Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
SR2500076-001	น้ำทะเลบริเวณหน้าโครงการ	-----	47P 612716, 1057098	1x 500mL Plastic Bottle, refrigerated
SR2500076-002	น้ำทะเลบริเวณหน้าโครงการ	-----	47P 612716, 1057098	1x 500mL Plastic Bottle, refrigerated
SR2500076-003	น้ำทะเลบริเวณหน้าโครงการ	-----	47P 612716, 1057098	1x 500mL Plastic Bottle, refrigerated
SR2500076-004	น้ำทะเลบริเวณหน้าโครงการ	-----	47P 612716, 1057098	1x 500mL Plastic Bottle, refrigerated
SR2500076-005	น้ำทะเลบริเวณหน้าโครงการ	-----	47P 612716, 1057098	1x 500mL Plastic Bottle, refrigerated
SR2500076-006	น้ำทะเลบริเวณหน้าโครงการ	-----	47P 612716, 1057098	1x 500mL Plastic Bottle, refrigerated

### Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
EN0102	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D





# Analysis Report SR2500076

Report Number : SR2500076-AA

Sub-Matrix: MARINE WATER

Client Sample ID

(Matrix: WATER)

Sub-Matrix: MARINE WATER (Matrix: WATER)							Client Sample ID		น้ำทะเลบริเวณหน้าโครงการ	น้ำทะเลบริเวณหน้าโครงการ	น้ำทะเลบริเวณหน้าโครงการ
							Sampling Date		May 20, 2025 12:00 AM	May 20, 2025 04:00 AM	May 20, 2025 08:00 AM
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		SR2500076-001	SR2500076-002	SR2500076-003	
						---	---	Result	Result	Result	
Physical and Aggregate Properties											
EN0102	Bangkok	Total Suspended Solids	---	1	mg/L	---	---	---	---	6	
EN0102	Bangkok	Total Suspended Solids	---	5	mg/L	---	---	<5	<5	---	



# Analysis Report SR2500076

Report Number : SR2500076-AA

Sub-Matrix: MARINE WATER

Client Sample ID

น้ำทะเลบริเวณหน้าโครงการ

น้ำทะเลบริเวณหน้าโครงการ

น้ำทะเลบริเวณหน้าโครงการ

(Matrix: WATER)

Sampling Date

May 20, 2025 12:00 PM

May 20, 2025 04:00 PM

May 20, 2025 08:00 PM

Method	Testing Lab	Analytes	LOD	LOQ	Unit	Sampling Date		May 20, 2025 12:00 PM	May 20, 2025 04:00 PM	May 20, 2025 08:00 PM
						Guideline		SR2500076-004	SR2500076-005	SR2500076-006
						---	---	Result	Result	Result
Physical and Aggregate Properties										
EN0102	Bangkok	Total Suspended Solids	---	1	mg/L	---	---	7	6	7

Guideline: ---

Comment: Sampling is not included in scope of accreditation ISO/IEC 17025

Key:      ° LOD : Limit of Detection  
         ° "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

----- END OF REPORT -----



## Analysis Report SR2500106



TESTING  
No.0009

Client : The Platinum Samui Co., Ltd.  
8888 Moo 1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani, Thailand, 84320  
P/O : PO38240  
Project : ---  
Project Location: Holiday Inn Samui

Work Order : SR2500106  
Report Number : SR2500106-AB (1)  
Date Received : Jun 18, 2025  
Date Reported : Jul 14, 2025  
Date Analysis Commenced : Jun 18, 2025  
No. of samples received : 1  
Temperature : 2.9 °C  
Sampled by : Panya Kiarputtirak

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Signatories

Kittitee Jamjumroon  
Scientist (3)

ALS Laboratory Group (Thailand) Co., Ltd. Bangkok Life Sciences

104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khel Suan Luang, Bangkok 10250 Thailand T +662 760 3000



# Analysis Report SR2500106

Report Number : SR2500106-AB (1)



TESTING  
No.0009

## Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
SR2500106-002	น้ำทะเลบริเวณหน้าโครงการ No.1	---	---	1x 1L Plastic Bottle, 2x DO Bottle - MnSO4 and Alkaline Iodide, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x 500mL Plastic Bottle, refrigerated

## Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
EN0008	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - O (C)
EN0015	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, par 4500 - NO3 (E)
EN0017	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - NH3 (F)
EN0021	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)
EN0023	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - P (E)
EN0092	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2520 B
EN0102	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D
MC6010	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 B
MC6023	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9222 D





# Analysis Report SR2500106

Report Number : SR2500106-AB (1)



TESTING  
No.0009

Sub-Matrix: MARINE WATER

Client Sample ID

(Matrix: WATER)

Sub-Matrix: MARINE WATER							Client Sample ID	น้ำทะเลบริเวณหน้าโครงการ No.1	---	---
(Matrix: WATER)							Sampling Date	Jun 17, 2025 11:58 AM	---	---
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		SR2500106-002	-----	-----
						NEB 2564 Class 4	---	Result	---	---
Chemical Parameters										
EN0017	Bangkok	Ammonia Nitrogen	0.02	0.05	mg/L	≤0.2	---	0.199 *	---	---
EN0015	Bangkok	Nitrate as N	0.02	0.05	mg/L	≤0.06	---	0.235 *	---	---
EN0021	Bangkok	pH at 25°C	---	1.0	pH Unit	7-8.5	---	7.9 *	---	---
EN0023	Bangkok	Phosphate as P	0.005	0.01	mg/L	≤0.015	---	0.0053 *	---	---
Microbiological Parameters										
MC6010	Bangkok	Total Coliforms	---	----	MPN/100mL	≤1000	---	<1.8	---	---
MC6023	Bangkok	Fecal Coliforms	---	---	CFU/100mL	≤100	---	<1	---	---
Physical and Aggregate Properties										
EN0008	Bangkok	Dissolved Oxygen	---	0.1	mg/L	≥4	---	7.1 *	---	---
EN0092	Bangkok	Salinity	---	0.1	ppt	Change from lower salinity not more than 10%	---	23.9 *	---	---
EN0102	Bangkok	Total Suspended Solids	----	1	mg/L	The results should not be changed by more than the sum of daily or monthly or yearly average and the standard deviation.	---	29 *	---	---

Guideline: NEB 2564 Class 4: Sea Water: Notification of the National Environmental Board, B.E.2564 on Coastal Water Quality Standard (Class 4)



## Analysis Report SR2500106

Report Number : SR2500106-AB (1)



TESTING  
No.0009

Comment: Sampling is not included in scope of accreditation ISO/IEC 17025

This Analysis report is reissued to supersede report No. SR2500106-AB, Date Reported : Jun 25, 2025 due to revise guideline/specification.

- Key:
- LOD : Limit of Detection
  - "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
  - Result(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

————— END OF REPORT —————



## Analysis Report SR2500091

Client : The Platinum Samui Co., Ltd.  
8888 Moo 1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani, Thailand, 84320  
P/O : PO38240  
Project : —  
Project Location: Holiday Inn Samui

Work Order : SR2500091  
Report Number : SR2500091-AA  
Date Received : Jun 19, 2025  
Date Reported : Jun 23, 2025  
Date Analysis Commenced : Jun 20, 2025  
No. of samples received : 6  
Temperature : 2.1 °C  
Sampled by : Panya Kiarputtirak  
Pontep Suebkaew

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

### Signatories

Siriluk Bunnak  
Section Head



## Analysis Report SR2500091

Report Number : SR2500091-AA

### Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
SR2500091-001	น้ำทะเลบริเวณหน้าโครงการ	---	47P 612716, 1057098	1x Plastic Bottle, refrigerated
SR2500091-002	น้ำทะเลบริเวณหน้าโครงการ	---	47P 612716, 1057098	1x Plastic Bottle, refrigerated
SR2500091-003	น้ำทะเลบริเวณหน้าโครงการ	---	47P 612722, 1057103	1x Plastic Bottle, refrigerated
SR2500091-004	น้ำทะเลบริเวณหน้าโครงการ	---	47P 612722, 1057103	1x Plastic Bottle, refrigerated
SR2500091-005	น้ำทะเลบริเวณหน้าโครงการ	---	47P 612722, 1057103	1x Plastic Bottle, refrigerated
SR2500091-006	น้ำทะเลบริเวณหน้าโครงการ	---	47P 612716, 1057098	1x Plastic Bottle, refrigerated

### Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
EN0102	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D



# Analysis Report SR2500091

Report Number : SR2500091-AA

Sub-Matrix: MARINE WATER

Client Sample ID

(Matrix: WATER)

Sub-Matrix: MARINE WATER							Client Sample ID		น้ำทะเลบริเวณหน้าโครงการ	น้ำทะเลบริเวณหน้าโครงการ	น้ำทะเลบริเวณหน้าโครงการ
(Matrix: WATER)											
							Sampling Date		Jun 17, 2025 12:00 AM	Jun 17, 2025 04:00 AM	Jun 17, 2025 08:00 AM
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		SR2500091-001	SR2500091-002	SR2500091-003	
						---	---	Result	Result	Result	
Physical and Aggregate Properties											
EN0102	Bangkok	Total Suspended Solids	---	1	mg/L	---	---	10	6	12	





# Analysis Report SR2500091

Report Number : SR2500091-AA

Sub-Matrix: MARINE WATER

Client Sample ID

น้ำทะเลบริเวณหน้าโครงการ

น้ำทะเลบริเวณหน้าโครงการ

น้ำทะเลบริเวณหน้าโครงการ

(Matrix: WATER)

								Sampling Date	Jun 17, 2025 12:00 PM	Jun 17, 2025 04:00 PM	Jun 17, 2025 08:00 PM
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		SR2500091-004	SR2500091-005	SR2500091-006	
						---	---	Result	Result	Result	
Physical and Aggregate Properties											
EN0102	Bangkok	Total Suspended Solids	---	1	mg/L	---	---	19	43	25	

Guideline: ---

Comment: Sampling is not included in scope of accreditation ISO/IEC 17025

- Key:
- ° LOD : Limit of Detection
  - ° "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

----- END OF REPORT -----

## ผลการวิเคราะห์คุณภาพน้ำใช้

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## Analysis Report SR2500005



ISO/IEC 17025  
Accreditation No. 1031/47

Client : The Platinum Samui Co., Ltd.  
8888 Moo 1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani, Thailand, 84320  
P/O : PO31758  
Project : —  
Project Location: The Platinum Samui Co., Ltd.

Work Order : SR2500005  
Report Number : SR2500005-AD  
Date Received : Jan 24, 2025  
Date Reported : Feb 11, 2025  
Date Analysis Commenced : Jan 24, 2025  
No. of samples received : 1  
Temperature : 1.5 °C  
Sampled by : Nattaphol Chumchuen

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

### Signatories

Chatchanai Komarakul Na Nakorn  
Assistant General Manager



# Analysis Report SR2500005

Report Number : SR2500005-AD



ISO/IEC 17025  
Accreditation No. 1031/47

## Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
SR2500005-006	Water Supply	---	---	1x Plastic Bottle - Preserved with HNO <sub>3</sub> , 1x 1L Plastic Bottle, 1x 120mL Plastic Bottle, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated

## Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
EN0002	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B
EN0021	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)
EN0027	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - Cl (F)
EN0041	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C
EN0077	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B
EN0081	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 B
EN0082	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510B
EN0100	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C
EN0104	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B
MC6009	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, Part 9221 B
MC6013	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, Part 9221 F
ME0002	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd Edition, 2017, part 3125



# Analysis Report SR2500005

Report Number : SR2500005-AD



ISO/IEC 17025  
Accreditation No. 1031/47

Sub-Matrix: PROCESS WATER

Client Sample ID

(Matrix: WATER)

Sub-Matrix: PROCESS WATER							Client Sample ID	Water Supply	---	---
(Matrix: WATER)							Sampling Date	Jan 23, 2025 01:26 PM	---	---
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		SR2500005-006	---	---
						DOH 2563 Tap Water	---	Result	---	---
Chemical Parameters										
EN0002	Bangkok	Chloride as Cl	0.06	0.2	mg/L	≤250	---	9.4	---	---
EN0021	Bangkok	pH at 25°C	---	1.0	pH Unit	6.5-8.5	---	7.3	---	---
EN0027	Bangkok	Residual Free Chlorine	---	0.1	mg/L	---	---	0.6	---	---
EN0041	Bangkok	Total Hardness as CaCO3	---	1	mg/L	≤300	---	71	---	---
Metals and Major Cations - Total										
ME0002	Bangkok	Iron	0.003	0.005	mg/L	≤0.3	---	0.018	---	---
Microbiological Parameters										
MC6009	Bangkok	Total Coliforms	---	---	MPN/100mL	<1.1	---	<1.1	---	---
MC6013	Bangkok	Escherichia coli	---	---	MPN/100mL	<1.1	---	<1.1	---	---
Physical and Aggregate Properties										
EN0081	Bangkok	Color (Apparent)	---	5	Color unit	≤15	---	<5 *	---	---
EN0082	Bangkok	Conductivity at 25 °C	---	0.50	µS/cm	---	---	184 *	---	---
EN0077	Bangkok	Bicarbonate Alkalinity as CaCO3	---	1	mg/L	---	---	71 *	---	---
EN0077	Bangkok	Methyl Orange Alkalinity as CaCO3	---	1	mg/L	---	---	71 *	---	---
EN0077	Bangkok	Phenolphthalein Alkalinity as CaCO3	---	1	mg/L	---	---	<1 *	---	---
EN0100	Bangkok	Total Dissolved Solids at 180°C	---	5	mg/L	≤500	---	104	---	---
EN0104	Bangkok	Turbidity	---	0.1	NTU	≤5	---	0.7	---	---

Guideline: DOH 2563 Tap Water: Notification of The Department of Health on Tap Water





## Analysis Report SR2500005

Report Number : SR2500005-AD



ISO/IEC 17025  
Accreditation No. 1031/47

Comment: Sampling is not included in scope of accreditation ISO/IEC 17025

- Key:
- LOD : Limit of Detection
  - "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
  - Result(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

————— END OF REPORT —————



## Analysis Report SR2500031



ISO/IEC 17025  
Accreditation No. 1031/47

Client : The Platinum Samui Co., Ltd.  
8888 Moo 1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani, Thailand, 84320  
P/O : —  
Project : —  
Project Location: The Platinum Samui Co., Ltd.

Work Order : SR2500031  
Report Number : SR2500031-AC  
Date Received : Feb 20, 2025  
Date Reported : Feb 26, 2025  
Date Analysis Commenced : Feb 20, 2025  
No. of samples received : 1  
Temperature : 3.2 °C  
Sampled by : Pontep Suebkaew

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

### Signatories

Chatchanai Komarakul Na Nakorn  
Assistant General Manager



# Analysis Report SR2500031

Report Number : SR2500031-AC



ISO/IEC 17025  
Accreditation No. 1031/47

## Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
SR2500031-003	Water Supply	---	---	1x 120mL Plastic Bottle, 1x Plastic Bottle - Preserved with HNO <sub>3</sub> , 1x 1L Plastic Bottle, 1x Sterile Bottle - Preserved with Sodium Thiosulfate

## Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
EN0002	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B
EN0021	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)
EN0027	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - Cl (F)
EN0041	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C
EN0077	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B
EN0081	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 B
EN0082	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510B
EN0100	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C
EN0104	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B
MC6009	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, Part 9221 B
MC6013	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, Part 9221 F
ME0002	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd Edition, 2017, part 3125



# Analysis Report SR2500031

Report Number : SR2500031-AC



ISO/IEC 17025  
Accreditation No. 1031/47

Sub-Matrix: PROCESS WATER

Client Sample ID

(Matrix: WATER)

Sub-Matrix: PROCESS WATER							Client Sample ID		Water Supply		---		---	
(Matrix: WATER)							Sampling Date		Feb 19, 2025 12:30 PM		---		---	
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		SR2500031-003		-----		-----		
						DOH 2563 Tap Water	---	Result		---		---		
Chemical Parameters														
EN0002	Bangkok	Chloride as Cl	0.06	0.2	mg/L	≤250	---	28.9		---		---		
EN0021	Bangkok	pH at 25°C	---	1.0	pH Unit	6.5-8.5	---	7.8		---		---		
EN0027	Bangkok	Residual Free Chlorine	---	0.1	mg/L	---	---	0.3		---		---		
EN0041	Bangkok	Total Hardness as CaCO3	---	1	mg/L	≤300	---	84		---		---		
Metals and Major Cations - Total														
ME0002	Bangkok	Iron	0.003	0.005	mg/L	≤0.3	---	0.032		---		---		
Microbiological Parameters														
MC6009	Bangkok	Total Coliforms	---	---	MPN/100mL	<1.1	---	<1.1		---		---		
MC6013	Bangkok	Escherichia coli	---	---	MPN/100mL	<1.1	---	<1.1		---		---		
Physical and Aggregate Properties														
EN0081	Bangkok	Color (Apparent)	---	5	Color unit	≤15	---	<5 *		---		---		
EN0082	Bangkok	Conductivity at 25 °C	---	0.50	µS/cm	---	---	245 *		---		---		
EN0077	Bangkok	Bicarbonate Alkalinity as CaCO3	---	1	mg/L	---	---	81 *		---		---		
EN0077	Bangkok	Methyl Orange Alkalinity as CaCO3	---	1	mg/L	---	---	81 *		---		---		
EN0077	Bangkok	Phenolphthalein Alkalinity as CaCO3	---	1	mg/L	---	---	<1 *		---		---		
EN0100	Bangkok	Total Dissolved Solids at 180°C	---	5	mg/L	≤500	---	122		---		---		
EN0104	Bangkok	Turbidity	---	0.1	NTU	≤5	---	0.8		---		---		



## Analysis Report SR2500031

Report Number : SR2500031-AC



ISO/IEC 17025  
Accreditation No. 1031/47

Comment: Sampling is not included in scope of accreditation ISO/IEC 17025

- Key:
- LOD : Limit of Detection
  - "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
  - Result(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

————— END OF REPORT —————





## Analysis Report SR2500050



ISO/IEC 17025  
Accreditation No. 1031/47

Client : The Platinum Samui Co., Ltd.  
8888 Moo 1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani, Thailand, 84320  
P/O : PO34090  
Project : —  
Project Location: The Platinum Samui Co., Ltd.

Work Order : SR2500050  
Report Number : SR2500050-AD  
Date Received : Mar 20, 2025  
Date Reported : Mar 29, 2025  
Date Analysis Commenced : Mar 20, 2025  
No. of samples received : 1  
Temperature : 2.3 °C  
Sampled by : Nattaphol Chumchuen

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

### Signatories

Sithichok

Sithichok Thong-Nguen  
Scientist (3)



# Analysis Report SR2500050

Report Number : SR2500050-AD



ISO/IEC 17025  
Accreditation No. 1031/47

## Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
SR2500050-004	Water Supply	---	---	2x 1L Plastic Bottle, 1x Plastic Bottle - Preserved with HNO <sub>3</sub> , 1x 120mL Plastic Bottle, 1x Cyanide, 1x Glass Vial - Preserved with BrCl, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x 500mL Plastic bottle - Preserved with H <sub>2</sub> SO <sub>4</sub> , refrigerated

## Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
EN0002	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B
EN0021	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)
EN0027	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - Cl (F)
EN0041	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C
EN0077	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B
EN0081	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 B
EN0082	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510B
EN0100	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C
EN0104	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B
MC6009	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 B
MC6013	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 F
ME0002	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd Edition, 2017, part 3125



# Analysis Report SR2500050

Report Number : SR2500050-AD



ISO/IEC 17025  
Accreditation No. 1031/47

Sub-Matrix: PROCESS WATER

Client Sample ID

(Matrix: WATER)

							Water Supply		
							Mar 19, 2025 11:40 AM		
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline	SR2500050-004		
						DOH 2563 Tap Water	Result		
Chemical Parameters									
EN0002	Bangkok	Chloride as Cl	0.06	0.2	mg/L	≤250	48.6		
EN0021	Bangkok	pH at 25°C	---	1.0	pH Unit	6.5-8.5	7.0		
EN0027	Bangkok	Residual Free Chlorine	---	0.1	mg/L	---	0.6 *		
EN0041	Bangkok	Total Hardness as CaCO3	---	1	mg/L	≤300	47		
Metals and Major Cations - Total									
ME0002	Bangkok	Iron	0.003	0.005	mg/L	≤0.3	0.037		
Microbiological Parameters									
MC6009	Bangkok	Total Coliforms	---	---	MPN/100mL	<1.1	<1.1		
MC6013	Bangkok	Escherichia coli	---	---	MPN/100mL	<1.1	<1.1		
Physical and Aggregate Properties									
EN0081	Bangkok	Color (Apparent)	---	5	Color unit	≤15	<5 *		
EN0082	Bangkok	Conductivity at 25 °C	---	0.50	µS/cm	---	152 *		
EN0077	Bangkok	Bicarbonate Alkalinity as CaCO3	---	1	mg/L	---	50 *		
EN0077	Bangkok	Methyl Orange Alkalinity as CaCO3	---	1	mg/L	---	50 *		
EN0077	Bangkok	Phenolphthalein Alkalinity as CaCO3	---	1	mg/L	---	<1 *		
EN0100	Bangkok	Total Dissolved Solids at 180°C	---	5	mg/L	≤500	88		
EN0104	Bangkok	Turbidity	---	0.1	NTU	≤5	0.9		

Guideline: DOH 2563 Tap Water: Notification of The Department of Health on Tap Water



## Analysis Report SR2500050

Report Number : SR2500050-AD



ISO/IEC 17025  
Accreditation No. 1031/47

Comment: Sampling is not included in scope of accreditation ISO/IEC 17025

- Key:
- LOD : Limit of Detection
  - "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
  - Result(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

————— END OF REPORT —————



## Analysis Report SR2500069



ISO/IEC 17025  
Accreditation No. 1031/47

Client : The Platinum Samui Co., Ltd.  
8888 Moo 1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani, Thailand, 84320  
P/O : PO35980  
Project : —  
Project Location: The Platinum Samui Co., Ltd.

Work Order : SR2500069  
Report Number : SR2500069-AE  
Date Received : Apr 22, 2025  
Date Reported : May 09, 2025  
Date Analysis Commenced : Apr 22, 2025  
No. of samples received : 1  
Temperature : 3.6 °C  
Sampled by : Nattaphol Chumchuen

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

### Signatories

Nanthawadee Somboon  
Specialist 2





# Analysis Report SR2500069

Report Number : SR2500069-AE



ISO/IEC 17025  
Accreditation No. 1031/47

## Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
SR2500069-006	Water Supply	---	---	1x 1L Plastic Bottle, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x Plastic Bottle - Preserved with HNO <sub>3</sub> , 1x 120mL Plastic Bottle, refrigerated

## Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
EN0002	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B
EN0021	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)
EN0027	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - Cl (F)
EN0041	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C
EN0077	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B
EN0081	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 B
EN0082	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510B
EN0100	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C
EN0104	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B
MC6009	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 B
MC6013	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 F
ME0002	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd Edition, 2017, part 3125



# Analysis Report SR2500069

Report Number : SR2500069-AE



ISO/IEC 17025  
Accreditation No. 1031/47

Sub-Matrix: PROCESS WATER

Client Sample ID

(Matrix: WATER)

Sub-Matrix: PROCESS WATER (Matrix: WATER)							Client Sample ID	Water Supply	---	---
							Sampling Date	Apr 21, 2025 11:00 AM	---	---
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		SR2500069-006	-----	-----
						DOH 2563 Tap Water	---	Result	---	---
Chemical Parameters										
EN0002	Bangkok	Chloride as Cl	0.06	0.2	mg/L	≤250	---	8.6	---	---
EN0021	Bangkok	pH at 25°C	---	1.0	pH Unit	6.5-8.5	---	7.9	---	---
EN0027	Bangkok	Residual Free Chlorine	---	0.1	mg/L	---	---	0.4	---	---
EN0041	Bangkok	Total Hardness as CaCO3	---	1	mg/L	≤300	---	60	---	---
Metals and Major Cations - Total										
ME0002	Bangkok	Iron	0.003	0.005	mg/L	≤0.3	---	0.043	---	---
Microbiological Parameters										
MC6009	Bangkok	Total Coliforms	---	---	MPN/100mL	<1.1	---	<1.1	---	---
MC6013	Bangkok	Escherichia coli	---	---	MPN/100mL	<1.1	---	<1.1	---	---
Physical and Aggregate Properties										
EN0081	Bangkok	Color (Apparent)	---	5	Color unit	≤15	---	<5 *	---	---
EN0082	Bangkok	Conductivity at 25 °C	---	0.50	µS/cm	---	---	162 *	---	---
EN0077	Bangkok	Bicarbonate Alkalinity as CaCO3	---	1	mg/L	---	---	51 *	---	---
EN0077	Bangkok	Methyl Orange Alkalinity as CaCO3	---	1	mg/L	---	---	51 *	---	---
EN0077	Bangkok	Phenolphthalein Alkalinity as CaCO3	---	1	mg/L	---	---	<1 *	---	---
EN0100	Bangkok	Total Dissolved Solids at 180°C	---	5	mg/L	≤500	---	92	---	---
EN0104	Bangkok	Turbidity	---	0.1	NTU	≤5	---	0.8	---	---

Guideline: DOH 2563 Tap Water: Notification of The Department of Health on Tap Water, B.E. 2563



## Analysis Report SR2500069

Report Number : SR2500069-AE



ISO/IEC 17025  
Accreditation No. 1031/47

Comment: Sampling is not included in scope of accreditation ISO/IEC 17025

- Key:
- LOD : Limit of Detection
  - "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
  - Result(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

————— END OF REPORT —————



## Analysis Report SR2500083



ISO/IEC 17025  
Accreditation No. 1031/47

Client : The Platinum Samui Co., Ltd.  
8888 Moo 1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani, Thailand, 84320  
P/O : —  
Project : —  
Project Location: The Platinum Samui Co., Ltd.

Work Order : SR2500083  
Report Number : SR2500083-AC  
Date Received : May 21, 2025  
Date Reported : May 30, 2025  
Date Analysis Commenced : May 21, 2025  
No. of samples received : 1  
Temperature : 3.5 °C  
Sampled by : Nattaphol Chumchuen  
Panya Kiarputtirak  
Pontep Suebkaew

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

### Signatories

*Siriluk P.*

Siriluk Bunnak  
Section Head



# Analysis Report SR2500083

Report Number : SR2500083-AC



ISO/IEC 17025  
Accreditation No. 1031/47

## Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
SR2500083-003	Water Supply	---	---	1x 1L Plastic Bottle, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x Plastic Bottle - Preserved with HNO <sub>3</sub> , 1x 120mL Plastic Bottle, refrigerated

## Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
EN0002	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B
EN0021	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)
EN0027	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - Cl (F)
EN0041	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C
EN0077	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B
EN0081	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 B
EN0082	Bangkok	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510B
EN0100	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C
EN0104	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B
MC6009	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 B
MC6013	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 F
ME0002	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd Edition, 2017, part 3125



# Analysis Report SR2500083

Report Number : SR2500083-AC



ISO/IEC 17025  
Accreditation No. 1031/47

Sub-Matrix: PROCESS WATER

Client Sample ID

(Matrix WATER)

Sub-Matrix: PROCESS WATER							Client Sample ID		Water Supply		---		---	
(Matrix: WATER)							Sampling Date		May 20, 2025 11:26 AM		---		---	
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		SR2500083-003		-----		-----		
						DOH 2563 Tap Water	----	Result		---		---		
Chemical Parameters														
EN0002	Bangkok	Chloride as Cl	0.06	0.2	mg/L	≤250	----	9.4		---		---		
EN0021	Bangkok	pH at 25°C	---	1.0	pH Unit	6.5-8.5	----	7.9		---		---		
EN0027	Bangkok	Residual Free Chlorine	---	0.1	mg/L	---	----	0.1		---		---		
EN0041	Bangkok	Total Hardness as CaCO3	---	1	mg/L	≤300	----	58		---		---		
Metals and Major Cations - Total														
ME0002	Bangkok	Iron	0.003	0.005	mg/L	≤0.3	----	0.016		---		---		
Microbiological Parameters														
MC6009	Bangkok	Total Coliforms	---	---	MPN/100mL	<1.1	----	<1.1		---		---		
MC6013	Bangkok	Escherichia coli	---	---	MPN/100mL	<1.1	---	<1.1		---		---		
Physical and Aggregate Properties														
EN0081	Bangkok	Color (Apparent)	----	5	Color unit	≤15	----	<5 *		---		---		
EN0082	Bangkok	Conductivity at 25 °C	----	0.50	µS/cm	----	----	158 *		---		---		
EN0077	Bangkok	Bicarbonate Alkalinity as CaCO3	---	1	mg/L	----	----	48 *		---		---		
EN0077	Bangkok	Methyl Orange Alkalinity as CaCO3	---	1	mg/L	----	----	48 *		---		---		
EN0077	Bangkok	Phenolphthalein Alkalinity as CaCO3	---	1	mg/L	---	----	<1 *		---		---		
EN0100	Bangkok	Total Dissolved Solids at 180°C	---	5	mg/L	≤500	----	90		---		---		
EN0104	Bangkok	Turbidity	----	0.1	NTU	≤5	----	0.8		---		---		

Guideline: DOH 2563 Tap Water: Notification of The Department of Health on Tap Water, B.E. 2563





## Analysis Report SR2500083

Report Number : SR2500083-AC



ISO/IEC 17025  
Accreditation No. 1031/47

Comment: Sampling is not included in scope of accreditation ISO/IEC 17025

- Key:
- LOD : Limit of Detection
  - "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
  - Result(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

————— END OF REPORT —————

## ผลการวิเคราะห์คุณภาพน้ำทิ้ง

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## Analysis Report SR2500005



TESTING  
No.0009

Client : The Platinum Samui Co., Ltd.  
8888 Moo 1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani, Thailand, 84320  
P/O : PO31758  
Project : —  
Project Location: The Platinum Samui Co., Ltd.

Work Order : SR2500005  
Report Number : SR2500005-AB  
Date Received : Jan 24, 2025  
Date Reported : Feb 11, 2025  
Date Analysis Commenced : Jan 24, 2025  
No. of samples received : 2  
Temperature : 1.5 °C  
Sampled by : Nattaphol Chumchuen

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Signatories

*Siriluk P.*

Siriluk Bunnak  
Section Head

ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Life Sciences

104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand T +662 760 3000



# Analysis Report SR2500005

Report Number : SR2500005-AB



TESTING  
No.0009

## Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
SR2500005-002	Effluent Waste Water	---	---	1x 500mL Plastic Bottle, 1x 1L Plastic Bottle, 1x Plastic bottle - Preserved with H <sub>2</sub> SO <sub>4</sub> , 1x Plastic Bottle - Preserved with Zinc Acetate and NaOH, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x Oil & Grease, refrigerated
SR2500005-004	Influent Waste Water	---	---	1x 500mL Plastic Bottle, 1x 1L Plastic Bottle, 1x Plastic bottle - Preserved with H <sub>2</sub> SO <sub>4</sub> , 1x Plastic Bottle - Preserved with Zinc Acetate and NaOH, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x Oil & Grease, refrigerated

## Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
EN0021	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)
EN0032	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - S2 (C, F)
EN0035	Bangkok	In-house method : STM 04-100 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (D)
EN0044	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B and part 4500 - O (G)
EN0048	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B
EN0093	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F
EN0100	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C
EN0102	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D
MC6010	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 B



# Analysis Report SR2500005

Report Number : SR2500005-AB



TESTING  
No.0009

Sub-Matrix: WASTEWATER

Client Sample ID

(Matrix: WATER)

Sub-Matrix: WASTEWATER						Client Sample ID		Effluent Waste Water	Influent Waste Water	---
(Matrix: WATER)										
Sampling Date								Jan 23, 2025 03:00 PM	Jan 23, 2025 03:10 PM	---
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		SR2500005-002	SR2500005-004	-----
						MNRE 2567 Type B	---	Result	Result	---
Chemical Parameters										
EN0044	Bangkok	BOD (5 days at 20°C)	---	2.0	mg/L	≤30	---	202	353	---
EN0048	Bangkok	Oil & Grease	---	3	mg/L	≤20	---	17	21	---
EN0021	Bangkok	pH at 25°C	---	1.0	pH Unit	5.5-9	---	6.9	7.4	---
EN0032	Bangkok	Sulfides	---	0.5	mg/L	≤1	---	<0.5 *	<0.5 *	---
EN0035	Bangkok	Total Kjeldahl Nitrogen as N	0.15	1.0	mg/L	≤35	---	50.6	87.4	---
Microbiological Parameters										
MC6010	Bangkok	Total Coliforms	---	---	MPN/100mL	---	---	1700000	16000000	---
Physical and Aggregate Properties										
EN0093	Bangkok	Settleable Solids	---	0.1	mL/L/hr	---	---	<0.1 *	15 *	---
EN0100	Bangkok	Total Dissolved Solids at 180°C	---	5	mg/L	≤1000	---	224	232	---
EN0102	Bangkok	Total Suspended Solids	---	5	mg/L	≤40	---	136	303	---

Guideline: MNRE 2567 Type B: Building: Notification of The Ministry of Natural Resources and Environment on Effluent from building Type B

Comment: Sampling is not included in scope of accreditation ISO/IEC 17025

- Key:
- ° LOD : Limit of Detection
  - ° "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
  - ° Result(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

————— END OF REPORT —————



## Analysis Report SR2500031



TESTING  
No.0009

Client : The Platinum Samui Co., Ltd.  
8888 Moo 1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani, Thailand, 84320  
P/O : ---  
Project : ---  
Project Location: The Platinum Samui Co., Ltd.

Work Order : SR2500031  
Report Number : SR2500031-AA  
Date Received : Feb 20, 2025  
Date Reported : Feb 26, 2025  
Date Analysis Commenced : Feb 20, 2025  
No. of samples received : 1  
Temperature : 3.2 °C  
Sampled by : Pontep Suebkaew

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Signatories

Nanthawadee Somboon  
Specialist 2





# Analysis Report SR2500031

Report Number : SR2500031-AA



TESTING  
No.0009

## Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
SR2500031-001	Effluent Waste Water	---	---	1x 500mL Plastic Bottle, 1x 1L Plastic Bottle, 1x Plastic bottle - Preserved with H <sub>2</sub> SO <sub>4</sub> , 1x Plastic Bottle - Preserved with Zinc Acetate and NaOH, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x Oil & Grease

## Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
EN0021	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)
EN0032	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - S2 (C, F)
EN0035	Bangkok	In-house method : STM 04-100 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (D)
EN0044	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B and part 4500 - O (G)
EN0048	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B
EN0093	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F
EN0100	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C
EN0102	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D
MC6010	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 B



# Analysis Report SR2500031

Report Number : SR2500031-AA



TESTING  
No.0009

Sub-Matrix: WASTEWATER

Client Sample ID

(Matrix: WATER)

						Sampling Date		Feb 19, 2025 12:50 PM		---	
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		SR2500031-001		---	
						MNRE 2567 Type B	---	Result		---	
Chemical Parameters											
EN0044	Bangkok	BOD (5 days at 20°C)	---	2.0	mg/L	≤30	---	186	---	---	
EN0048	Bangkok	Oil & Grease	---	3	mg/L	≤20	---	35	---	---	
EN0021	Bangkok	pH at 25°C	---	1.0	pH Unit	5.5-9	---	7.2	---	---	
EN0032	Bangkok	Sulfides	---	0.5	mg/L	≤1	---	<0.5 *	---	---	
EN0035	Bangkok	Total Kjeldahl Nitrogen as N	0.15	1.0	mg/L	≤35	---	56.7	---	---	
Microbiological Parameters											
MC6010	Bangkok	Total Coliforms	---	---	MPN/100mL	---	---	490000	---	---	
Physical and Aggregate Properties											
EN0093	Bangkok	Settleable Solids	---	0.1	mL/L/hr	---	---	2 *	---	---	
EN0100	Bangkok	Total Dissolved Solids at 180°C	---	5	mg/L	≤1000	---	248	---	---	
EN0102	Bangkok	Total Suspended Solids	---	5	mg/L	≤40	---	133	---	---	

Guideline: MNRE 2567 Type B: Building: Notification of The Ministry of Natural Resources and Environment on Effluent from building Type B

Comment: Sampling is not included in scope of accreditation ISO/IEC 17025

- Key:
- LOD : Limit of Detection
  - "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
  - Result(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

----- END OF REPORT -----



## Analysis Report SR2500050



TESTING  
No.0009

Client : The Platinum Samui Co., Ltd.  
8888 Moo 1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani, Thailand, 84320  
P/O : PO34090  
Project : —  
Project Location: The Platinum Samui Co., Ltd.

Work Order : SR2500050  
Report Number : SR2500050-AB  
Date Received : Mar 20, 2025  
Date Reported : Mar 29, 2025  
Date Analysis Commenced : Mar 20, 2025  
No. of samples received : 1  
Temperature : 2.3 °C  
Sampled by : Nattaphol Chumchuen

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

### Signatories

Sithichok

Sithichok Thong-Nguen  
Scientist (3)



# Analysis Report SR2500050

Report Number : SR2500050-AB



TESTING  
No.0009

## Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
SR2500050-002	Effluent Waste Water	---	---	2x 1L Plastic Bottle, 1x Plastic Bottle - Preserved with HNO <sub>3</sub> , 1x 120mL Plastic Bottle, 1x Cyanide, 1x Glass Vial - Preserved with BrCl, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x 500mL Plastic bottle - Preserved with H <sub>2</sub> SO <sub>4</sub> , refrigerated

## Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
EN0021	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)
EN0032	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - S2 (C, F)
EN0035	Bangkok	In-house method : STM 04-100 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (D)
EN0044	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B and part 4500 - O (G)
EN0048	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B
EN0093	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F
EN0100	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C
EN0102	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D
MC6010	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, Part 9221 B



# Analysis Report SR2500050

Report Number : SR2500050-AB



TESTING  
No.0009

Sub-Matrix: WASTEWATER

Client Sample ID

(Matrix: WATER)

Sub-Matrix: WASTEWATER							Client Sample ID		Effluent Waste Water	---	---
(Matrix: WATER)											
Sampling Date								Mar 19, 2025 12:10 PM		---	---
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		SR2500050-002	-----	-----	
						MNRE 2567 Type B	---	Result	---	---	
Chemical Parameters											
EN0044	Bangkok	BOD (5 days at 20°C)	---	2.0	mg/L	≤30	---	184	---	---	
EN0048	Bangkok	Oil & Grease	---	3	mg/L	≤20	---	34	---	---	
EN0021	Bangkok	pH at 25°C	---	1.0	pH Unit	5.5-9	---	7.1	---	---	
EN0032	Bangkok	Sulfides	---	0.5	mg/L	≤1	---	<0.5 *	---	---	
EN0035	Bangkok	Total Kjeldahl Nitrogen as N	0.15	1.0	mg/L	≤35	---	52.6	---	---	
Microbiological Parameters											
MC6010	Bangkok	Total Coliforms	---	---	MPN/100mL	---	---	330000	---	---	
Physical and Aggregate Properties											
EN0093	Bangkok	Settleable Solids	---	0.1	mL/L/hr	---	---	0.2 *	---	---	
EN0100	Bangkok	Total Dissolved Solids at 180°C	---	5	mg/L	≤1000	---	244	---	---	
EN0102	Bangkok	Total Suspended Solids	---	5	mg/L	≤40	---	132	---	---	

Guideline: MNRE 2567 Type B: Building: Notification of The Ministry of Natural Resources and Environment on Effluent from building Type B

Comment: Sampling is not included in scope of accreditation ISO/IEC 17025

- Key:
- LOD : Limit of Detection
  - "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
  - Result(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

————— END OF REPORT —————



## Analysis Report SR2500069



TESTING  
No.0009

Client : The Platinum Samui Co., Ltd.  
8888 Moo 1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani, Thailand, 84320  
P/O : PO35980  
Project : —  
Project Location: The Platinum Samui Co., Ltd.

Work Order : SR2500069  
Report Number : SR2500069-AB  
Date Received : Apr 22, 2025  
Date Reported : May 09, 2025  
Date Analysis Commenced : Apr 22, 2025  
No. of samples received : 1  
Temperature : 3.6 °C  
Sampled by : Nattaphol Chumchuen

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Signatories

Nanthawadee Somboon  
Specialist 2





# Analysis Report SR2500069

Report Number : SR2500069-AB



TESTING  
No.0009

## Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
SR2500069-001	Effluent Waste Water	---	---	1x 1L Plastic Bottle, 1x Plastic bottle - Preserved with H <sub>2</sub> SO <sub>4</sub> , 1x Plastic Bottle - Preserved with Zinc Acetate and NaOH, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x Oil & Grease, 1x 500mL Plastic Bottle, refrigerated

## Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
EN0021	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)
EN0032	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - S2 (C, F)
EN0035	Bangkok	In-house method : STM 04-100 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (D)
EN0044	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B and part 4500 - O (G)
EN0048	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B
EN0093	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F
EN0100	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C
EN0102	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D
MC6010	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 B



# Analysis Report SR2500069

Report Number : SR2500069-AB



TESTING  
No.0009

Sub-Matrix: WASTEWATER

Client Sample ID

(Matrix: WATER)

						Sampling Date		Apr 21, 2025 01:00 PM	---	---
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		SR2500069-001	-----	-----
						MNRE 2567 Type B	----	Result	---	---
Chemical Parameters										
EN0044	Bangkok	BOD (5 days at 20°C)	---	2.0	mg/L	≤30	---	165	---	---
EN0048	Bangkok	Oil & Grease	----	3	mg/L	≤20	----	8	----	----
EN0021	Bangkok	pH at 25°C	---	1.0	pH Unit	5.5-9	---	6.6	----	----
EN0032	Bangkok	Sulfides	----	0.5	mg/L	≤1	----	<0.5 *	----	----
EN0035	Bangkok	Total Kjeldahl Nitrogen as N	0.15	1.0	mg/L	≤35	----	37.6	----	----
Microbiological Parameters										
MC6010	Bangkok	Total Coliforms	---	---	MPN/100mL	---	----	1300000	---	----
Physical and Aggregate Properties										
EN0093	Bangkok	Settleable Solids	----	0.1	mL/L/hr	---	----	0.1 *	----	---
EN0100	Bangkok	Total Dissolved Solids at 180°C	----	5	mg/L	≤1000	---	296	----	----
EN0102	Bangkok	Total Suspended Solids	---	5	mg/L	≤40	----	124	----	---

Guideline: MNRE 2567 Type B: Building: Notification of The Ministry of Natural Resources and Environment on Effluent from building Type B

Comment: Sampling is not included in scope of accreditation ISO/IEC 17025

- Key:
- LOD : Limit of Detection
  - "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
  - Result(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

————— END OF REPORT —————



## Analysis Report SR2500083



TESTING  
No.0009

Client : The Platinum Samui Co., Ltd.  
8888 Moo 1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani, Thailand, 84320  
P/O : —  
Project : —  
Project Location: The Platinum Samui Co., Ltd.

Work Order : SR2500083  
Report Number : SR2500083-AA  
Date Received : May 21, 2025  
Date Reported : May 30, 2025  
Date Analysis Commenced : May 21, 2025  
No. of samples received : 1  
Temperature : 3.5 °C  
Sampled by : Nattaphol Chumchuen  
Panya Kiarputtirak  
Pontep Suebkaew

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

### Signatories

*Siriluk P.*

Siriluk Bunnak  
Section Head



# Analysis Report SR2500083

Report Number : SR2500083-AA



TESTING  
No.0009

## Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
SR2500083-001	Effluent Waste Water	---	---	2x 1L Plastic Bottle, 1x Plastic bottle - Preserved with H <sub>2</sub> SO <sub>4</sub> , 1x Plastic Bottle - Preserved with Zinc Acetate and NaOH, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x Oil & Grease, refrigerated

## Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
EN0021	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)
EN0032	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - S2 (C, F)
EN0035	Bangkok	In-house method : STM 04-100 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (D)
EN0044	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B and part 4500 - O (G)
EN0048	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B
EN0093	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F
EN0100	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C
EN0102	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D
MC6010	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 B



# Analysis Report SR2500083

Report Number : SR2500083-AA



TESTING  
No.0009

Sub-Matrix: WASTEWATER

Client Sample ID

(Matrix: WATER)

							Effluent Waste Water	---	---
							Sampling Date	May 20, 2025 11:42 AM	---
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		SR2500083-001	---
						MNRE 2567 Type B	---	Result	---
Chemical Parameters									
EN0044	Bangkok	BOD (5 days at 20°C)	---	2.0	mg/L	≤30	---	149	---
EN0048	Bangkok	Oil & Grease	---	3	mg/L	≤20	---	35	---
EN0021	Bangkok	pH at 25°C	---	1.0	pH Unit	5.5-9	---	7.0	---
EN0032	Bangkok	Sulfides	---	0.5	mg/L	≤1	---	<0.5 *	---
EN0035	Bangkok	Total Kjeldahl Nitrogen as N	0.15	1.0	mg/L	≤35	---	30.6	---
Microbiological Parameters									
MC6010	Bangkok	Total Coliforms	---	---	MPN/100mL	---	---	240000	---
Physical and Aggregate Properties									
EN0093	Bangkok	Settleable Solids	---	0.1	mL/L/hr	---	---	<0.1 *	---
EN0100	Bangkok	Total Dissolved Solids at 180°C	---	5	mg/L	≤1000	---	256	---
EN0102	Bangkok	Total Suspended Solids	---	5	mg/L	≤40	---	106	---

Guideline: MNRE 2567 Type B: Building: Notification of The Ministry of Natural Resources and Environment on Effluent from building Type B

Comment: Sampling is not included in scope of accreditation ISO/IEC 17025

- Key:
- ° LOD : Limit of Detection
  - ° "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
  - ° Result(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

———— END OF REPORT ————



## Analysis Report SR2500107



TESTING  
No.0009

Client : The Platinum Samui Co., Ltd.  
8888 Moo 1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani, Thailand, 84320  
P/O : PO38240  
Project : —  
Project Location: The Platinum Samui Co., Ltd.

Work Order : SR2500107  
Report Number : SR2500107-AA  
Date Received : Jun 18, 2025  
Date Reported : Jun 30, 2025  
Date Analysis Commenced : Jun 18, 2025  
No. of samples received : 1  
Temperature : 2.8 °C  
Sampled by : Panya Kiarputtirak

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Signatories

Kittitee Jamjumroon  
Scientist (3)





# Analysis Report SR2500107

Report Number : SR2500107-AA



TESTING  
No.0009

## Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
SR2500107-001	Effluent Waste Water	---	---	2x 1L Plastic Bottle, 1x Plastic bottle - Preserved with H <sub>2</sub> SO <sub>4</sub> , 1x Plastic Bottle - Preserved with Zinc Acetate and NaOH, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x Oil & Grease, refrigerated

## Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
EN0021	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)
EN0032	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - S2 (C, F)
EN0035	Bangkok	In-house method : STM 04-100 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (D)
EN0044	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B and part 4500 - O (G)
EN0048	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B
EN0093	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F
EN0100	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C
EN0102	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D
MC6010	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 B



# Analysis Report SR2500107

Report Number : SR2500107-AA



TESTING  
No.0009

Sub-Matrix: WASTEWATER

Client Sample ID

(Matrix: WATER)

							Sampling Date		Jun 17, 2025 11:34 AM		---		---	
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		SR2500107-001		-----		-----		
						MNRE 2567 Type B	---	Result		---		---		
Chemical Parameters														
EN0044	Bangkok	BOD (5 days at 20°C)	---	2.0	mg/L	≤30	---	131		---		---		
EN0048	Bangkok	Oil & Grease	---	3	mg/L	≤20	---	19		---		---		
EN0021	Bangkok	pH at 25°C	---	1.0	pH Unit	5.5-9	---	7.3		---		---		
EN0032	Bangkok	Sulfides	---	0.5	mg/L	≤1	---	<0.5 *		---		---		
EN0035	Bangkok	Total Kjeldahl Nitrogen as N	0.15	1.0	mg/L	≤35	---	70.6		---		---		
Microbiological Parameters														
MC6010	Bangkok	Total Coliforms	---	---	MPN/100mL	---	---	2400000		---		---		
Physical and Aggregate Properties														
EN0093	Bangkok	Settleable Solids	---	0.1	mL/L/hr	---	---	<0.1 *		---		---		
EN0100	Bangkok	Total Dissolved Solids at 180°C	---	5	mg/L	≤1000	---	216		---		---		
EN0102	Bangkok	Total Suspended Solids	---	5	mg/L	≤40	---	98		---		---		

Guideline: MNRE 2567 Type B: Building: Notification of The Ministry of Natural Resources and Environment on Effluent from building Type B

Comment: Sampling is not included in scope of accreditation ISO/IEC 17025

- Key:
- ° LOD : Limit of Detection
  - ° "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
  - ° Result(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

----- END OF REPORT -----

## ผลการวิเคราะห์คุณภาพน้ำสระว่ายนํ้า

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## Analysis Report SR2500030



TESTING  
No.0009

Client : The Platinum Samui Co., Ltd.  
8888 Moo 1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani, Thailand, 84320  
P/O : PO33147  
Project : ---  
Project Location: Holiday Inn Samui

Work Order : SR2500030  
Report Number : SR2500030-AC (1)  
Date Received : Feb 20, 2025  
Date Reported : Jul 14, 2025  
Date Analysis Commenced : Feb 20, 2025  
No. of samples received : 2  
Temperature : 3.2 °C  
Sampled by : Panya Kiarputtirak

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Signatories

Kittitee Jamjumroon  
Scientist (3)



# Analysis Report SR2500030

Report Number : SR2500030-AC (1)



TESTING  
No.0009

## Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
SR2500030-002	สระว่ายน้ำ Main Pool	---	47P 612687,1057008	1x Sterile Bottle - Preserved with Sodium Thiosulfate
SR2500030-003	สระสวนน้ำ	---	47P 612642,1056850	1x Sterile Bottle - Preserved with Sodium Thiosulfate

## Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
MC6009	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 B
MC6021	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 E



# Analysis Report SR2500030

Report Number : SR2500030-AC (1)



TESTING  
No.0009

Sub-Matrix: PROCESS WATER

Client Sample ID

สระว่ายน้ำ Main Pool

สระสวนน้ำ

---

(Metric WATER)

Sampling Date

Feb 19, 2025 12:10 PM

Feb 19, 2025 12:15 PM

---

Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		SR2500030-002	SR2500030-003	---
						MOPH 1/2550	---	Result	Result	---
Microbiological Parameters										
MC6009	Bangkok	Total Coliforms	---	---	MPN/100mL	<10	---	<1.1	>23	---
MC6021	Bangkok	Fecal Coliforms	---	---	MPN/100mL	---	---	<1.1	23	---

Guideline: MOPH 1/2550: Recommendations of The Public Health Committee on Swimming Pool Operations

Comment: Sampling is not included in scope of accreditation ISO/IEC 17025

This Analysis report is reissued to supersede report No. SR2500030-AA, Date Reported : Feb 26, 2025 due to revise guideline/specification.

Key: ° LOD : Limit of Detection

\* "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

----- END OF REPORT -----







## Analysis Report SR2500038



TESTING  
No.0009

Client : The Platinum Samui Co., Ltd.  
8888 Moo 1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani, Thailand, 84320  
P/O : PO34090  
Project : —  
Project Location: Holiday Inn Samui

Work Order : SR2500038  
Report Number : SR2500038-AB (1)  
Date Received : Mar 20, 2025  
Date Reported : Jul 14, 2025  
Date Analysis Commenced : Mar 20, 2025  
No. of samples received : 2  
Temperature : 2.6 °C  
Sampled by : Nattaphol Chumchuen

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

### Signatories

Tuanjai T.

Tuanjai Thangklang  
Lab Manager - Microbiology



# Analysis Report SR2500038

Report Number : SR2500038-AB (1)



TESTING  
No.0009

## Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
SR2500038-002	สระว่ายน้ำ Main Pool	---	47P 612687, 1057098	1x Sterile Bottle - Preserved with Sodium Thiosulfate
SR2500038-003	สระสวนน้ำ	---	47P 612642, 1056850	1x Sterile Bottle - Preserved with Sodium Thiosulfate

## Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
MC6009	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 B
MC6021	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 E



# Analysis Report SR2500038

Report Number : SR2500038-AB (1)



TESTING  
No.0009

Sub-Matrix: PROCESS WATER

Client Sample ID

(Matrix: WATER)

Sub-Matrix: PROCESS WATER (Matrix WATER)						Client Sample ID		สระว่ายน้ำ Main Pool	สระสวนน้ำ	---
Sampling Date								Mar 19, 2025 11:40 AM	Mar 19, 2025 11:34 AM	---
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		SR2500038-002	SR2500038-003	-----
						MOPH 1/2550	---	Result	Result	---
Microbiological Parameters										
MC6009	Bangkok	Total Coliforms	---	---	MPN/100mL	<10	---	<1.1	<1.1	---
MC6021	Bangkok	Fecal Coliforms	---	---	MPN/100mL	---	---	<1.1	<1.1	---

Guideline: MOPH 1/2550: Recommendations of The Public Health Committee on Swimming Pool Operations

Comment: Sampling is not included in scope of accreditation ISO/IEC 17025

Key:

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

----- END OF REPORT -----





## Analysis Report SR2500061



TESTING  
No.0009

Client : The Platinum Samui Co., Ltd.  
8888 Moo 1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani, Thailand, 84320  
P/O : PO35980  
Project : —  
Project Location: Holiday Inn Samui

Work Order : SR2500061  
Report Number : SR2500061-AB (2)  
Date Received : Apr 22, 2025  
Date Reported : Jul 14, 2025  
Date Analysis Commenced : Apr 22, 2025  
No. of samples received : 2  
Temperature : 3.9 °C  
Sampled by : Nattaphol Chumchuen

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

### Signatories

Kittitee Jamjumroon  
Scientist (3)





# Analysis Report SR2500061

Report Number : SR2500061-AB (2)



TESTING  
No.0009

## Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
SR2500061-002	สระว่ายน้ำ Main Pool	---	47P 612687, 1057008	1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated
SR2500061-003	สระสวนน้ำ	---	47P 612642, 1056850	1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated

## Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
MC6009	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 B
MC6021	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 E



# Analysis Report SR2500061

Report Number : SR2500061-AB (2)



TESTING  
No.0009

Sub-Matrix: PROCESS WATER

Client Sample ID

(Matrix: WATER)

Sub-Matrix: PROCESS WATER						Client Sample ID		สระว่ายน้ำ Main Pool		สระสวนน้ำ		---	
(Matrix: WATER)						Sampling Date		Apr 21, 2025 11:44 AM		Apr 21, 2025 11:05 AM		---	
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		SR2500061-002		SR2500061-003		---	
						MOPH 1/2550	----	Result		Result		---	
Microbiological Parameters													
MC6009	Bangkok	Total Coliforms	-----	---	MPN/100mL	<10	---	<1.1		<1.1		---	
MC6021	Bangkok	Fecal Coliforms	-----	-----	MPN/100mL	---	---	<1.1		<1.1		---	

Guideline: MOPH 1/2550: Recommendations of The Public Health Committee on Swimming Pool Operations

Comment: Sampling is not included in scope of accreditation ISO/IEC 17025

- Key:
- LOD : Limit of Detection
  - "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

----- END OF REPORT -----





## Analysis Report SR2500074



ISO/IEC 17025  
Accreditation No. 1031/47

TESTING  
No.0009

Client : The Platinum Samui Co., Ltd.  
8888 Moo 1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani, Thailand, 84320  
P/O : PO37198  
Project : —  
Project Location: Holiday Inn Samui

Work Order : SR2500074  
Report Number : SR2500074-AB (2)  
Date Received : May 21, 2025  
Date Reported : Jul 14, 2025  
Date Analysis Commenced : May 21, 2025  
No. of samples received : 2  
Temperature : 3.8 °C  
Sampled by : Nattaphol Chumchuen  
Panya Kiarputtirak  
Pontep Suebkaew

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

### Signatories

Kittitee Jamjumroon  
Scientist (3)



# Analysis Report SR2500074

Report Number : SR2500074-AB (2)



ISO/IEC 17025  
Accreditation No. 1031/47



TESTING  
No.0009

## Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
SR2500074-002	สระว่ายน้ำ Main Pool	---	47P 612687, 1057008	1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated
SR2500074-003	สระสวนน้ำ	---	47P 612642, 1056850	1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated

## Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
MC6009	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 B
MC6021	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 E



# Analysis Report SR2500074

Report Number : SR2500074-AB (2)



ISO/IEC 17025  
Accreditation No. 1031/47

TESTING  
No.0009

Sub-Matrix: PROCESS WATER

Client Sample ID

(Matrix: WATER)

						Sampling Date		สระว่ายน้ำ Main Pool	สระสวนน้ำ	
						May 20, 2025 11:07 AM		May 20, 2025 11:02 AM		
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		SR2500074-002	SR2500074-003	
						MOPH 1/2550		Result	Result	
Microbiological Parameters										
MC6009	Bangkok	Total Coliforms	---	---	MPN/100mL	<10	---	<1.1	<1.1	---
MC6021	Bangkok	Fecal Coliforms	---	---	MPN/100mL	---	---	<1.1	<1.1	---

Guideline: MOPH 1/2550: Recommendations of The Public Health Committee on Swimming Pool Operations

Comment: Sampling is not included in scope of accreditation ISO/IEC 17025

Key:

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

----- END OF REPORT -----



## Analysis Report SR2500106



TESTING  
No.0009

Client : The Platinum Samui Co., Ltd.  
8888 Moo 1, Tambon Bo Phut, Amphoe Ko Samui, Surat Thani, Thailand, 84320  
P/O : PO38240  
Project : ---  
Project Location: Holiday Inn Samui

Work Order : SR2500106  
Report Number : SR2500106-AC  
Date Received : Jun 18, 2025  
Date Reported : Jun 25, 2025  
Date Analysis Commenced : Jun 18, 2025  
No. of samples received : 2  
Temperature : 2.9 °C  
Sampled by : Panya Kiarputtirak

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Signatories

Kittitee Jamjumroon  
Scientist (3)





# Analysis Report SR2500106

Report Number : SR2500106-AC



TESTING  
No.0009

## Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
SR2500106-003	สระว่ายน้ำ Main Pool	---	---	1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated
SR2500106-004	สระสวนน้ำ	---	---	1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated

## Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
MC6009	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 B
MC6021	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 E



# Analysis Report SR2500106

Report Number : SR2500106-AC



TESTING  
No.0009

Sub-Matrix: PROCESS WATER

Client Sample ID

(Matrix: WATER)

Sub-Matrix: PROCESS WATER						Client Sample ID		สระว่ายน้ำ Main Pool	สระสวนน้ำ	---	
(Matrb: WATER)											
								Sampling Date	Jun 17, 2025 11:09 AM	Jun 17, 2025 11:13 AM	---
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		SR2500106-003	SR2500106-004	-----	
						MOPH 1/2550	----	Result	Result	---	
Microbiological Parameters											
MC6009	Bangkok	Total Coliforms	---	---	MPN/100mL	<10	---	<1.1	5.1	---	
MC6021	Bangkok	Fecal Coliforms	---	---	MPN/100mL	---	---	<1.1	2.2	---	

Guideline: MOPH 1/2550: Recommendations of The Public Health Committee on Swimming Pool Operations

Comment: Sampling is not included in scope of accreditation ISO/IEC 17025

Key:

- ° LOD : Limit of Detection
- ° "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

----- END OF REPORT -----

## เอกสารแนบที่ 14

### เอกสารขึ้นทะเบียนห้องปฏิบัติการ

ที่ อก ๐๓๒๒/๑๓๖๕๙



๒๕ ก.ย. ๒๕๖๖

กรมโรงงานอุตสาหกรรม  
ถนนพระรามที่ ๖ แขวงทุ่งพญาไท  
เขตราชเทวี กรุงเทพฯ ๑๐๔๐๐

เรื่อง ต่ออายุหนังสือรับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน

เรียน กรรมการผู้จัดการ บริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด

อ้างถึง คำขอขึ้นทะเบียน/ต่ออายุ/เปลี่ยนแปลงบุคลากร และชนิดสารมลพิษของห้องปฏิบัติการวิเคราะห์เอกชน  
ลงวันที่ ๑๔ กรกฎาคม ๒๕๖๖

สิ่งที่ส่งมาด้วย เอกสารแนบท้ายหนังสือรับต่ออายุขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน  
บริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด จำนวน ๓ แผ่น

ตามหนังสือที่อ้างถึง บริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด ขอต่ออายุ  
หนังสือรับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน เลขทะเบียน ๖-๒๖๗ สถานที่ตั้ง เลขที่ ๑๑๔/๑ หมู่ที่ ๘  
ถนนกาญจนวนิช ตำบลบ้านพรุ อำเภอหาดใหญ่ จังหวัดสงขลา ต่อกรมโรงงานอุตสาหกรรม นั้น

กรมโรงงานอุตสาหกรรมพิจารณาแล้ว ให้บริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย)  
จำกัด ต่ออายุหนังสือรับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน โดยมีองค์ประกอบดังนี้

ก. ผู้ควบคุมดูแลห้องปฏิบัติการวิเคราะห์

นางสาวกนิษฐา เหมประสาทพร

ทะเบียนเลขที่ ๖-๒๖๗-จ-๐๐๐๑

ข. เจ้าหน้าที่ประจำห้องปฏิบัติการวิเคราะห์

๑) นางสาวอินทิรา คงประยูร

ทะเบียนเลขที่ ๖-๒๖๗-จ-๐๐๐๑

๒) นางสาวอมรรัตน์ เพชรประดับ

ทะเบียนเลขที่ ๖-๒๖๗-จ-๐๐๐๒

๓) นายทักษิณ อินโตรม

ทะเบียนเลขที่ ๖-๒๖๗-จ-๐๐๐๓

๔) นางสาวณัฏฐา บุญเพชร

ทะเบียนเลขที่ ๖-๒๖๗-จ-๐๐๐๔

๕) นางสาวสุทธิดา ทิพย์รัตน์

ทะเบียนเลขที่ ๖-๒๖๗-จ-๐๐๐๕

๖) นางสาวนริสา นฤมิตร

ทะเบียนเลขที่ ๖-๒๖๗-จ-๐๐๐๖

๗) นายวุฒิชัย ทวยเจริญ

ทะเบียนเลขที่ ๖-๒๖๗-จ-๐๐๐๗

๘) นายยงศิลป์ รังษิ

ทะเบียนเลขที่ ๖-๒๖๗-จ-๐๐๐๘

๙) นายอภิวัฒน์ อันทะ

ทะเบียนเลขที่ ๖-๒๖๗-จ-๐๐๐๙

๑๐) นายศิริชัย เกลี้ยงเกิด

ทะเบียนเลขที่ ๖-๒๖๗-จ-๐๐๑๐

๑๑) นายสมศักดิ์ จันทรวง

ทะเบียนเลขที่ ๖-๒๖๗-จ-๐๐๑๑

๑๒) นางสาวพิชญา ศุภรานนท์

ทะเบียนเลขที่ ๖-๒๖๗-จ-๐๐๑๒

๑๓) นายปัญญา เกียรติพิริรักษ์

ทะเบียนเลขที่ ๖-๒๖๗-จ-๐๐๑๓

๑๔) นางสาวศศิณีภา รอดทองอ่อน

ทะเบียนเลขที่ ๖-๒๖๗-จ-๐๐๑๔

๑๕) นางสาวชุติมา สุขสวัสดิ์

ทะเบียนเลขที่ ๖-๒๖๗-จ-๐๐๑๕

๑๖) นางสาวจันทิมา คงทน

ทะเบียนเลขที่ ๖-๒๖๗-จ-๐๐๑๖

๑๗) นางสาวกุลวดี เรืองประพันธ์

ทะเบียนเลขที่ ๖-๒๖๗-จ-๐๐๑๗

๑๘) นางสาวอาทิตยา เมืองแก้ว

ทะเบียนเลขที่ ๖-๒๖๗-จ-๐๐๑๘

๑๙) นางสาวกวิณา คุ้มย่อง

ทะเบียนเลขที่ ๖-๒๖๗-จ-๐๐๑๙

ค. ขอบข่ายสารมลพิษที่ได้รับขึ้นทะเบียนให้วิเคราะห์ในน้ำเสียและอากาศเสีย ตามสิ่งที่ส่งมาด้วย  
หนังสือฉบับนี้...



-๒-

หนังสือฉบับนี้จะหมดอายุในวันที่ ๑๖ สิงหาคม ๒๕๖๙ หากประสงค์จะต่ออายุหนังสือรับขึ้น  
ทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน ให้ยื่นคำขอต่ออายุพร้อมเอกสารประกอบคำขอต่อกรมโรงงานอุตสาหกรรม  
ภายใน ๓๐ วัน ก่อนวันสิ้นสุดอายุของหนังสือรับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน ทั้งนี้ สามารถยื่นคำขอ  
ผ่านระบบอิเล็กทรอนิกส์ได้ที่หน้าเว็บไซต์กรมโรงงานอุตสาหกรรม

จึงเรียนมาเพื่อทราบ

ขอแสดงความนับถือ

ท

(นายเนเรศวร์ ตรีรงค์)

ผู้อำนวยการศูนย์วิจัยและเตือนภัยมลพิษโรงงานภาคใต้  
ปฏิบัติราชการแทนอธิบดีกรมโรงงานอุตสาหกรรม

ศูนย์วิจัยและเตือนภัยมลพิษโรงงานภาคใต้  
โทร. ๐ ๙๔๓๒ ๕๐๒๙, ๐ ๙๔๔๙ ๐๖๓๔ ต่อ ๕๒๐๑  
ไปรษณีย์อิเล็กทรอนิกส์ sirwadiw@mail.go.th

เอกสารแนบท้ายหนังสือรับข้อหาชั้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน  
บริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด เลขทะเบียน ว-๒๖๗  
ที่ ออก ๐๓๒๒/๑๙๖๕๔/ ลงวันที่ ๒๕ ก.ย. ๒๕๖๖

ขอขยายสารมลพิษที่ได้รับการขึ้นทะเบียนจากกรมโรงงานอุตสาหกรรม จำนวน ๓๗ รายการ  
น้ำเสีย จำนวน 25 รายการ

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
1	Arsenic	Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[1]</sup>
2	Barium	Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[1]</sup>
3	Biochemical Oxygen Demand	5-Day BOD Test, Azide Modification Method <sup>[1]</sup> 5-Day BOD Test, Membrane Electrode Method <sup>[1]</sup>
4	Cadmium	Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[1]</sup>
5	Chemical Oxygen Demand	Closed Reflux, Colorimetric Method <sup>[1]</sup> Closed Reflux, Titrimetric Method <sup>[1]</sup>
6	Chromium	Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[1]</sup>
7	Color	ADMI Weighted-Ordinate Spectrophotometric Method <sup>[1]</sup>
8	Copper	Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[1]</sup>
9	Formaldehyde	Distillation, Colorimetric Method <sup>[2]</sup>
10	Free Chlorine	DPD Ferrous Titrimetric Method <sup>[1]</sup>
11	Hexavalent Chromium	Filtration, Colorimetric Method <sup>[1]</sup>
12	Lead	Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[1]</sup>
13	Manganese	Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[1]</sup>
14	Mercury	Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[1]</sup>
15	Nickel	Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[1]</sup>
16	Oil & Grease	Liquid-Liquid, Partition-Gravimetric Method <sup>[1]</sup>

บุษยา รัตนสุภา  
(นางสาวบุษยา รัตนสุภา)  
นักวิทยาศาสตร์ชำนาญการ

17 pH...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
17	pH	Electrometric Method <sup>[1]</sup>
18	Phenol	Distillation, Direct Photometric Method <sup>[1]</sup>
19	Selenium	Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[1]</sup>
20	Sulfide	ZnS Precipitation, Iodometric Method <sup>[1]</sup>
21	Temperature	Laboratory and Field Methods <sup>[1]</sup>
22	Total Dissolved Solids	Dried at 180 °C <sup>[1]</sup>
23	Total Suspended Solids	Dried at 103-105 °C <sup>[1]</sup>
24	Trivalent Chromium	Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[1]</sup>
25	Zinc	Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[1]</sup>

อากาศเสีย จำนวน 12 รายการ

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
1	Antimony	Isokinetic Sampling, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[3]</sup>
2	Arsenic	Isokinetic Sampling, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[3]</sup>
3	Carbon Monoxide	Sampling Bag Non-Dispersive Infrared Method <sup>[3]</sup>
4	Copper	Isokinetic Sampling, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[3]</sup>
5	Dioxins	Isokinetic Sampling, Analysis by ISO/IEC 17025 Accredited Laboratory or Analysis by Department of Industrial Works Registered Laboratory <sup>[3]</sup>
6	Hydrogen Sulfide	Absorption, Iodometric Method <sup>[3]</sup>
7	Lead	Isokinetic Sampling, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[3]</sup>
8	Opacity	Ringelmann's Method <sup>[4]</sup>
9	Oxides of Nitrogen	Absorption Sampling, Phenoldisulfonic acid Method <sup>[3]</sup>
10	Sulfur Dioxide	Absorption Sampling, Barium-Thorin Titrimetric Method <sup>[3]</sup>
11	Sulfuric acid	Isokinetic Sampling, Barium-Thorin Titrimetric Method <sup>[3]</sup>
12	Total Suspended Particulate	Isokinetic Sampling, Gravimetric Method <sup>[3]</sup>

บุษยา รัตนสุภา  
(นางสาวบุษยา รัตนสุภา)  
นักวิทยาศาสตร์ชำนาญการ

เอกสารอ้างอิง....

#### เอกสารอ้างอิง

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บุษยา รัตนสุภา  
(นางสาวบุษยา รัตนสุภา)  
นักวิทยาศาสตร์ชำนาญการ



ที่ อก ๐๓๐๑(๑)/ ๑ ๖ ๑ ๖ ๘

กรมโรงงานอุตสาหกรรม  
ถนนพระรามที่ ๖ แขวงทุ่งพญาไท  
เขตราชเทวี กรุงเทพฯ ๑๐๔๐๐

๒๐ พฤศจิกายน ๒๕๖๖

เรื่อง ต่ออายุหนังสือรับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน

เรียน กรรมการผู้จัดการ บริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด

อ้างถึง คำขอขึ้นทะเบียน/ต่ออายุ/เปลี่ยนแปลงบุคลากร และชนิดสารมลพิษของห้องปฏิบัติการวิเคราะห์เอกชน  
ลงวันที่ ๔ สิงหาคม ๒๕๖๖

- สิ่งที่ส่งมาด้วย ๑. รายชื่อผู้ควบคุมดูแลห้องปฏิบัติการวิเคราะห์ จำนวน ๑ แผ่น  
๒. รายชื่อเจ้าหน้าที่ประจำห้องปฏิบัติการวิเคราะห์ จำนวน ๕ แผ่น  
๓. ขอบข่ายสารมลพิษที่ได้รับขึ้นทะเบียนจากกรมโรงงานอุตสาหกรรม จำนวน ๓๑ แผ่น

ตามหนังสือที่อ้างถึง บริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด ขอต่ออายุหนังสือ  
รับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน เลขทะเบียน ว-๒๐๔ สถานที่ตั้งเลขที่ ๑๐๔ ซอยพัฒนาการ ๔๐  
ถนนพัฒนาการ แขวงพัฒนาการ เขตสวนหลวง กรุงเทพมหานคร ต่อกรมโรงงานอุตสาหกรรม นั้น

กรมโรงงานอุตสาหกรรมพิจารณาแล้ว ให้บริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด  
ต่ออายุหนังสือรับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน โดยมีองค์ประกอบดังนี้

- ก. ผู้ควบคุมดูแลห้องปฏิบัติการวิเคราะห์ จำนวน ๖ ราย ตามสิ่งที่ส่งมาด้วย ๑  
ข. เจ้าหน้าที่ประจำห้องปฏิบัติการวิเคราะห์ ๑๘๑ ราย ตามสิ่งที่ส่งมาด้วย ๒  
ค. ขอบข่ายสารมลพิษที่ได้รับขึ้นทะเบียนไว้วิเคราะห์ในน้ำเสีย น้ำใต้ดิน อากาศเสีย สิ่งปฏิกูล  
หรือวัสดุที่ไม่ใช้แล้ว และดิน ตามสิ่งที่ส่งมาด้วย ๓

หนังสือฉบับนี้จะหมดอายุในวันที่ ๒ กันยายน ๒๕๖๙ หากประสงค์จะต่ออายุหนังสือ  
รับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน ให้ยื่นคำขอต่ออายุพร้อมเอกสารประกอบคำขอต่อ  
กรมโรงงานอุตสาหกรรม ภายใน ๓๐ วัน ก่อนวันสิ้นอายุของหนังสือรับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน  
ทั้งนี้ สามารถยื่นคำขอผ่านระบบอิเล็กทรอนิกส์ได้ที่หน้าเว็บไซต์กรมโรงงานอุตสาหกรรม

จึงเรียนมาเพื่อทราบ

ขอแสดงความนับถือ

(นายศิระ จันทระ)

นักวิทยาศาสตร์เชี่ยวชาญ วิชาการการแทน  
ผู้อำนวยการกองวิจัยและพัฒนาผลิตภัณฑ์โรงงาน  
ปฏิบัติราชการแทนอธิบดีกรมโรงงานอุตสาหกรรม

กองวิจัยและพัฒนาผลิตภัณฑ์โรงงาน

กลุ่มมาตรฐานวิธีการวิเคราะห์ทดสอบมลพิษและทะเบียนห้องปฏิบัติการ

โทร. ๐ ๒๔๓๐ ๖๓๓๒ ต่อ ๒๓๐๓-๕

โทรสาร ๐ ๒๔๓๐ ๖๓๓๒ ต่อ ๒๓๔๔

ไปรษณีย์อิเล็กทรอนิกส์ saraban@diw.mail.go.th



“อุตสาหกรรมก้าวไกล ประเทศไทยก้าวหน้า ร่วมกันพัฒนา อุตสาหกรรมสีเขียว”



สิ่งที่ส่งมาด้วย ๑

เอกสารแนบท้ายหนังสือรับต่ออายุขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน

บริษัท เอนแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด เลขทะเบียน ว-๒๐๑  
ที่ อก ๐๓๓๐(๑)/ ๑ ๖ ๑ ๖ ๘ ลงวันที่ ๒๐ พฤศจิกายน ๒๕๖๖

ก. ผู้ควบคุมดูแลห้องปฏิบัติการวิเคราะห์ จำนวน ๖ ราย

๑) นางสาวยุพาพร จันทร์เปล่ง	ทะเบียนเลขที่ ว-๒๐๑-ก-๐๐๐๑
๒) นางสาวชัชชนิ โภมารกุล ณ นคร	ทะเบียนเลขที่ ว-๒๐๑-ก-๐๐๐๒
๓) นายศรายุทธ จิตรานนท์	ทะเบียนเลขที่ ว-๒๐๑-ก-๐๐๐๓
๔) นางสาวกนกกร เอนก	ทะเบียนเลขที่ ว-๒๐๑-ก-๐๐๐๔
๕) นายสุริยา สอนแก้ว	ทะเบียนเลขที่ ว-๒๐๑-ก-๐๐๐๕
๖) นายวิชาญ ชุมทรัพย์	ทะเบียนเลขที่ ว-๒๐๑-ก-๐๐๐๖

วิภา

สิ่งที่ส่งมาด้วย ๒

เอกสารแนบท้ายหนังสือรับต่ออายุขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน

บริษัท เอนแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด เลขทะเบียน ว-๒๐๑  
ที่ อก ๐๓๓๐(๑)/ ๑ ๖ ๑ ๖ ๘ ลงวันที่ ๒๐ พฤศจิกายน ๒๕๖๖

ข. เจ้าหน้าที่ประจำห้องปฏิบัติการวิเคราะห์ จำนวน ๑๘๑ ราย

๑) นายกาจบัณฑิต กิตติสุขภวนิชย์	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๐๑
๒) นายภัทรพล สว่างใจธรรม	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๐๒
๓) นายณราธิป เทือกชัยคำ	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๐๓
๔) นายศิริโชค พงษ์ประสม	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๐๔
๕) นายณัฐวุฒิ ดั่งแพง	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๐๕
๖) นางสาวจินดา ไชจุลธรรม	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๐๖
๗) นางสาวสาวิตรี น้อยเสงี่ยม	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๐๗
๘) นางสาวชนัญญาญจน์ อิมขม	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๐๘
๙) นางสาวนรินทร์ สายแสง	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๐๙
๑๐) นางสาวนันทวดี สมบูรณ์	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๑๐
๑๑) นางสาวศรณิยา เฉลิมจันทร์	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๑๑
๑๒) นางสาวธัญญธร มงคลจิรวุฒิ	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๑๒
๑๓) นางสาวศิริลักษณ์ บุญนาค	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๑๓
๑๔) นายณพพงศ์ จันทพรพันธุ์	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๑๔
๑๕) นายณนเศรษฐ์ โกมลย์	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๑๕
๑๖) นายธินา จริยา	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๑๖
๑๗) นางสาวเกศรินทร์ แก้วมัน	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๑๗
๑๘) นางสาวสุวิมล ชัยเรืองวุฒิ	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๑๘
๑๙) นางสาวสุชาดา ธรรมถาวร	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๑๙
๒๐) นางสาวเปมิกา ชัยเดชธนกุล	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๒๐
๒๑) นางสาวศศิธร หนูสวัสดิ์	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๒๑
๒๒) นางสาวเสาวลักษณ์ ภูณภาอำพร	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๒๒
๒๓) นายอภิสิทธิ์ สิงหา	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๒๓
๒๔) นายศักดิ์สิทธิ์ ไพศาลพิสุทธิ	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๒๔
๒๕) ว่าที่ร้อยตรีหญิง พรรณิภา ขำเจริญ	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๒๕
๒๖) นางจิตดา คำภูแก้ว	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๒๖
๒๗) นางสาวอรรพรรณ รักยง	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๒๗
๒๘) นางสาวนพรัตน์ แยมกรานต์	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๒๘
๒๙) นายจุลเดช วารินทร์	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๒๙
๓๐) นางสาวดาญรัตน์ ร้องคำ	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๓๐
๓๑) นายพรมมี ศรีปีตเนตร	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๓๑
๓๒) นายอุทิศ อุ่นสิม	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๓๒
๓๓) ว่าที่ร้อยตรี เฉลิมเกียรติ อมรศรีเสริม	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๓๓
๓๔) นางสาววริยา สร้างนา	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๓๔
๓๕) นายอนุพงศ์ รัตนศรีประเสริฐ	ทะเบียนเลขที่ ว-๒๐๑-จ-๐๐๓๕

วิภา

๓๖) นางสาวจุฑารัตน์...



๓๖) นางสาวจุฑารัตน์ โอนสันเทียะ  
๓๗) นางสาวจางวรรณ พิมพ์ภักดิ์  
๓๘) นางสาวปรารถนา หิวงค์  
๓๙) นางสาวเดือนใจ ทางกลาง  
๔๐) นางสาวจิราพร ศิริเวช  
๔๑) นายวรากร สุกรักษ์  
๔๒) นายทง วิริยะสทกิจ  
๔๓) นายธนิศ เจนจบ  
๔๔) นายณิศร ชำเพชร  
๔๕) นายภูวิช พรหมสะอาด  
๔๖) นายธนาเดช โภคาพิพัฒน์  
๔๗) นายชวฤทธิ์ วงษ์จันทร์  
๔๘) นายอาทิตย์ ศรีเสน  
๔๙) นายเจตนิทร คงศักดิ์ไทย  
๕๐) นายจรัส บุญยั้ง  
๕๑) นายธนาณัติ เอนก  
๕๒) นายอภิวัฒน์ ทุมหนู  
๕๓) นางสาวสุภาวัญ มาก  
๕๔) นางสาวหัตถพร ชาวาลสมบุรณ์  
๕๕) นางสาวธิดา บุญเพ็ง  
๕๖) นางสาวภาณุมาศ นามวัฒน์  
๕๗) นางสาวอุไรรัตน์ หังสร้างแป้น  
๕๘) นายธีรวัฒน์ ปางสุข  
๕๙) นายอิทธิพล ยะโส  
๖๐) นายประพนธ์ วรรณชูชัย  
๖๑) นายชยธร พวงทิพย์  
๖๒) นางสาวกนกวรรณ จันทบาล  
๖๓) นายสิทธิโชค ธงเงิน  
๖๔) นางสาววรรณใจ บุญ  
๖๕) นางสาวพรรณธิดา ทุมคง  
๖๖) นายนาถพร ศรีวิริยะ  
๖๗) นายสุวิชา ทองอ่อน  
๖๘) นายวิญญู บุญตะนัย  
๖๙) นายสมบุรณ์ บุตรจันทร์  
๗๐) นายวิรัตน์ ไชยชนะรา  
๗๑) นายอนุเบศร์ เพิ่มพูน  
๗๒) นายจิรณัฐ ขาวละออ  
๗๓) นายอัสนี นามบุรี  
๗๔) นายอัศวเดช จ่อสตา

ทะเบียนเลขที่ ๖-๒๐๔-จ-๐๐๓๖  
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ทะเบียนเลขที่ ๖-๒๐๔-จ-๐๐๗๔

๗๕) นายประเสริฐ...

๗๕) นายประเสริฐ...

๗๕) นายประเสริฐ สุระขันธุ์  
๗๖) นายบุญกุล จันทน์เปี่ยม  
๗๗) นายพิรพงษ์ ทองคุณปรีดา  
๗๘) นายอนุพล ทองนุช  
๗๙) นายอนุวัฒน์ ม่วงแพร่  
๘๐) นายเจตศรารุณี ปิตตะมะ  
๘๑) นายกฤษณะ สายวรรณ  
๘๒) นายพิชัย บุญยงค์  
๘๓) นายภาณุพงศ์ โอเมวงศ์  
๘๔) นายสามารถ คุ้มปลี  
๘๕) นายสุชัย โกศลนาม  
๘๖) นายณัฐวุฒิ ศรีประเสริฐ  
๘๗) นายชวลิตชัย นาคพนม  
๘๘) นายพงศธร ชัยทิพย์  
๘๙) นายสิทธิโชค หาสีดา  
๙๐) นายธนากร อินสุตา  
๙๑) นางสาววรรณิษา ขาติวันชัย  
๙๒) นางสาวพิมพ์ตะวัน มินากุล  
๙๓) นางสาวเพชรรัตน์ สิงห์สมบุญ  
๙๔) นางสาวชญานีน พรหมจันทร์  
๙๕) นายกิตติ ทวีราช  
๙๖) นายจักริน หมั่นวิชา  
๙๗) นายฉัตรชัย สุขเปี้ย  
๙๘) นายณรรณนที ต๊ะทองคำ  
๙๙) นายศุภพล สมนอก  
๑๐๐) นายทักษ์ดนัย อุบลศรี  
๑๐๑) นายธนศร นามะกฤษณา  
๑๐๒) นายธิตีพงศ์ บัวแดง  
๑๐๓) นายณนทชัย อุปลัมภ์  
๑๐๔) นายณัฐพล คุณสุทธิ  
๑๐๕) นายณัฏฐวัฒน์ สาริน  
๑๐๖) นายปิยะนัฐ พลมะศรี  
๑๐๗) นายพงศ์ศิริ โสมเจียว  
๑๐๘) นายพีรพัฒน์ กำคำ  
๑๐๙) นายภาณุพงศ์ มานิตย์  
๑๑๐) นายมงคล ผลาทิพย์  
๑๑๑) นายสิริมนต์ ทองอิน  
๑๑๒) นายอนุชา หันสมัย  
๑๑๓) นายอดิศักดิ์ หมมไผ

ทะเบียนเลขที่ ๖-๒๐๔-จ-๐๐๗๕  
ทะเบียนเลขที่ ๖-๒๐๔-จ-๐๐๗๖  
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ทะเบียนเลขที่ ๖-๒๐๔-จ-๐๐๙๘  
ทะเบียนเลขที่ ๖-๒๐๔-จ-๐๐๙๙  
ทะเบียนเลขที่ ๖-๒๐๔-จ-๐๑๐๐  
ทะเบียนเลขที่ ๖-๒๐๔-จ-๐๑๐๑  
ทะเบียนเลขที่ ๖-๒๐๔-จ-๐๑๐๒  
ทะเบียนเลขที่ ๖-๒๐๔-จ-๐๑๐๓  
ทะเบียนเลขที่ ๖-๒๐๔-จ-๐๑๐๔  
ทะเบียนเลขที่ ๖-๒๐๔-จ-๐๑๐๕  
ทะเบียนเลขที่ ๖-๒๐๔-จ-๐๑๐๖  
ทะเบียนเลขที่ ๖-๒๐๔-จ-๐๑๐๗  
ทะเบียนเลขที่ ๖-๒๐๔-จ-๐๑๐๘  
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ทะเบียนเลขที่ ๖-๒๐๔-จ-๐๑๑๑  
ทะเบียนเลขที่ ๖-๒๐๔-จ-๐๑๑๒  
ทะเบียนเลขที่ ๖-๒๐๔-จ-๐๑๑๓

๑๑๔) นายอนันต์ชัย...

๑๑๔) นายอนันต์ชัย...



เอกสารแนบท้ายหนังสือรับต่ออายุขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน

บริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด เลขทะเบียน ๖-๒๐๔

ที่ ยก ๐๓๓๐(๑)/ ๑๖๑๖๘ ลงวันที่ ๒๐ พฤศจิกายน ๒๕๖๖

ค. ขอบข่ายสารมลพิษที่ได้รับขึ้นทะเบียนจากกรมโรงงานอุตสาหกรรม จำนวน ๓๗๔ รายการ

น้ำเสีย จำนวน 60 รายการ

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
1	Aldicarb	High-Performance Liquid Chromatographic Method <sup>(4)</sup>
2	Aldicarb Sulfone	High-Performance Liquid Chromatographic Method <sup>(4)</sup>
3	Aldicarb Sulfoxide	High-Performance Liquid Chromatographic Method <sup>(4)</sup>
4	Aldrin	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
5	Arsenic	1) Digestion, Inductively Coupled Plasma Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(4)</sup>
6	Barium	1) Digestion, Inductively Coupled Plasma Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(4)</sup>
7	α-BHC	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
8	β-BHC	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
9	δ-BHC	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
10	γ-BHC	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
11	Biochemical Oxygen Demand	1) 5-Day BOD Test, Azide Modification Method <sup>(4)</sup> 2) 5-Day BOD Test, Membrane Electrode Method <sup>(4)</sup>
12	Carbaryl	High-Performance Liquid Chromatographic Method <sup>(4)</sup>
13	Carbofuran	High-Performance Liquid Chromatographic Method <sup>(4)</sup>
14	Cadmium	1) Digestion, Inductively Coupled Plasma Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(4)</sup>
15	Chemical Oxygen Demand	1) Closed Reflux, Colorimetric Method <sup>(4)</sup> 2) Closed Reflux, Titrimetric Method <sup>(4)</sup>
16	Chlordane	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
17	Chromium	1) Digestion, Inductively Coupled Plasma Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(4)</sup>
18	Color	ADMI Weighted-Ordinate Spectrophotometric Method <sup>(4)</sup>

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
19	Copper	1) Digestion, Inductively Coupled Plasma Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(4)</sup>
20	Cyanide	Distillation, Colorimetric Method <sup>(4)</sup>
21	2,4'-DDD	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
22	4,4'-DDD	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
23	2,4'-DDE	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
24	4,4'-DDE	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
25	2,4'-DDT	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
26	4,4'-DDT	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
27	Dieldrin	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
28	Endosulfan Sulfate	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
29	Endosulfan I	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
30	Endosulfan II	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
31	Endrin	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
32	Endrin Aldehyde	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
33	Formaldehyde	Distillation, Colorimetric Method <sup>(3)</sup>
34	Free Chlorine	1) DPD Ferrous Titrimetric Method <sup>(4)</sup> 2) DPD Colorimetric Method <sup>(4)</sup>
35	Heptachlor	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
36	Heptachlor Epoxide	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
37	Hexavalent Chromium	Colorimetric Method <sup>(4)</sup>
38	3-Hydroxycarbofuran	High-Performance Liquid Chromatographic Method <sup>(4)</sup>
39	Lead	1) Digestion, Inductively Coupled Plasma Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(4)</sup>

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
40	Manganese	1) Digestion, Inductively Coupled Plasma Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(4)</sup>
41	Mercury	1) Digestion, Cold-Vapor Atomic Absorption Spectrometric Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass spectrometric Method <sup>(4)</sup>
42	Methiocarb	High-Performance Liquid Chromatographic Method <sup>(4)</sup>
43	Methoxychlor	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
44	Methomyl	High-Performance Liquid Chromatographic Method <sup>(4)</sup>
45	Nickel	1) Digestion, Inductively Coupled Plasma Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(4)</sup>
46	Oil & Grease	1) Liquid-Liquid, Partition-Gravimetric Method <sup>(4)</sup> 2) Soxhlet Extraction Method <sup>(4)</sup>
47	Oxamyl	High-Performance Liquid Chromatographic Method <sup>(4)</sup>
48	Propoxur	High-Performance Liquid Chromatographic Method <sup>(4)</sup>
49	pH	Electrometric Method <sup>(4)</sup>
50	Phenols	1) Distillation, Chloroform Extraction Method <sup>(4)</sup> 2) Distillation, Direct Photometric Method <sup>(4)</sup>
51	Selenium	1) Digestion, Inductively Coupled Plasma Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(4)</sup>
52	Sulfide	Iodometric Method <sup>(4)</sup>
53	Temperature	Laboratory and Field Methods <sup>(4)</sup>
54	Total Dissolved Solids	Dried at 180 °C <sup>(4)</sup>
55	Total Kjeldahl Nitrogen	Semi-Micro Kjeldahl Method <sup>(4)</sup>
56	Total Phosphorous	Digestion, Colorimetric Method <sup>(4)</sup>
57	Total Suspended Solids	Dried from 103-105 °C <sup>(4)</sup>
58	Toxaphene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
59	Trivalent Chromium	1) Digestion, Inductively Coupled Plasma Method; Colorimetric Method; Calculation <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method; Colorimetric Method; Calculation <sup>(4)</sup>
60	Zinc	1) Digestion, Inductively Coupled Plasma Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>(4)</sup>

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ไม่ได้ขึ้น จำนวน 126 รายการ

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
1	Acenaphthene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
2	Acetone	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
3	Aldrin	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
4	Anthracene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
5	Antimony	1) Digestion, Inductively Coupled Plasma Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(4)</sup>
6	Arsenic	1) Digestion, Inductively Coupled Plasma Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(4)</sup>
7	Atrazine	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
8	Barium	1) Digestion, Inductively Coupled Plasma Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(4)</sup>
9	Benz(a)anthracene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
10	Benzene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
11	Benzo(b)fluoranthene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
12	Benzo(k)fluoranthene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
13	Benzoic Acid	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
14	Benzo(a)pyrene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
15	Benzo(g,h,i)perylene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
16	Beryllium	1) Digestion, Inductively Coupled Plasma Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(4)</sup>
17	Bis(2-chloroethyl)ether	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>

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ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
18	Bis(2-ethylhexyl)phthalate	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
19	Bromodichloromethane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
20	Bromoform	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
21	Butanol	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
22	Butyl benzyl phthalate	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
23	Cadmium	1) Digestion, Inductively Coupled Plasma Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(4)</sup>
24	Carbazole	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
25	Carbon disulfide	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
26	Carbon tetrachloride	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
27	Chlordane	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
28	p-Chloroaniline	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
29	Chlorobenzene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
30	Chlorodibromomethane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
31	Chloroform	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
32	2-Chlorophenol	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
33	Chromium	1) Digestion, Inductively Coupled Plasma Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(4)</sup>
34	Chromium (III)	1) Digestion, Inductively Coupled Plasma Method; Colorimetric Method; Calculation <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method; Colorimetric Method; Calculation <sup>(4)</sup>
35	Chromium (VI)	Colorimetric Method <sup>(4)</sup>

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
36	Chrysene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
37	Cyanide	Distillation, Colorimetric Method <sup>(4)</sup>
38	2,4-D	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
39	DDD	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
40	DDE	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
41	DDT	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
42	Dibenz(a,h)anthracene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
43	Di-n-Butyl Phthalate	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
44	1,2-Dichlorobenzene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
45	1,3-Dichlorobenzene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
46	1,4-Dichlorobenzene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
47	3,3-Dichlorobenzidine	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
48	1,1-Dichloroethane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
49	1,2-Dichloroethane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
50	1,1-Dichloroethylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
51	cis-1,2-Dichloroethylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
52	trans-1,2-Dichloroethylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
53	2,4-Dichlorophenol	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
54	1,2-Dichloropropane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
55	1,3-Dichloropropane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
56	1,3-Dichloropropene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
57	Dieldrin	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
58	Diethyl Phthalate	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
59	2,4-Dimethylphenol	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
60	2,4-Dinitrophenol	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
61	2,4-Dinitrotoluene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
62	2,6-Dinitrotoluene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
63	Di-n-octyl phthalate	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
64	Endosulfan	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
65	Endrin	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
66	Ethylbenzene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
67	Fluoranthene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
68	Fluorene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
69	Heptachlor	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
70	Heptachlor epoxide	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
71	Hexachlorobenzene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
72	Hexachloro-1,3-butadiene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
73	n-Hexane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
74	$\alpha$ -HCH	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
75	$\beta$ -HCH	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
76	$\gamma$ -HCH	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
77	Hexachlorocyclopentadiene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
78	Hexachloroethane	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
79	Indeno(1,2,3-cd)pyrene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
80	Isophorone	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
81	Lead	1) Digestion, Inductively Coupled Plasma Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(4)</sup>
82	Manganese	1) Digestion, Inductively Coupled Plasma Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(4)</sup>
83	Mercury	1) Digestion, Cold Vapor Atomic Absorption Spectrometric Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(4)</sup>
84	Methanol	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
85	Methoxychlor	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
86	Methyl bromide	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
87	Methylene chloride	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
88	2-Methylphenol	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
89	2-Methylnaphthalene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
90	Methyl tert-butyl Ether	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
91	Naphthalene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
92	Nickel	1) Digestion, Inductively Coupled Plasma Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(4)</sup>
93	Nitrobenzene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
94	N-Nitrosodiphenylamine	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
95	N-Nitrosodi-n-Propylamine	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
96	Polychlorinated Biphenyls - PCB 1016 - PCB 1221 - PCB 1232 - PCB 1242 - PCB 1248 - PCB 1254 - PCB 1260	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
97	Pentachlorophenol	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
98	pH	Electrometric Method <sup>(4)</sup>
99	Phenanthrene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
100	Phenol	1) Distillation, Chloroform Extraction Method <sup>(4)</sup> 2) Distillation, Direct Photometric Method <sup>(4)</sup> 3) Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
101	Pyrene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
102	Selenium	1) Digestion, Inductively Coupled Plasma Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(4)</sup>
103	Silver	1) Digestion, Inductively Coupled Plasma Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(4)</sup>
104	Styrene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
105	1,1,2,2-Tetrachloroethane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
106	Tetrachloroethylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
107	Toluene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
108	Toxaphene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
109	TPH (C <sub>5</sub> -C <sub>6</sub> )	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(14,25)</sup>

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
110	TPH (C <sub>8</sub> -C <sub>16</sub> )	Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(9,22)</sup>
111	TPH (C <sub>16</sub> -C <sub>35</sub> )	Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(9,22)</sup>
112	1,2,4-Trichlorobenzene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
113	1,1,1-Trichloroethane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
114	1,1,2-Trichloroethane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
115	Trichloroethylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
116	2,4,5-Trichlorophenol	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
117	2,4,6-Trichlorophenol	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
118	1,3,5-Trimethylbenzene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
119	Vanadium	1) Digestion, Inductively Coupled Plasma Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(4)</sup>
120	Vinyl acetate	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
121	Vinyl chloride	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
122	m-Xylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
123	o-Xylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
124	p-Xylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
125	Xylene (Total)	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(4)</sup>
126	Zinc	1) Digestion, Inductively Coupled Plasma Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(4)</sup>



อากาศเสีย (ปล่องระบาย) จำนวน 28 รายการ

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
1	Antimony	1) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method <sup>[5]</sup> 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[5]</sup>
2	Arsenic	1) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method <sup>[5]</sup> 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[5]</sup>
3	Beryllium	1) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method <sup>[5]</sup> 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[5]</sup>
4	Cadmium	1) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method <sup>[5]</sup> 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[5]</sup>
5	Carbon Monoxide	1) Instrumental Analyzer Method <sup>[5]</sup> 2) Sampling Bag Non-Dispersive Infrared Method <sup>[5]</sup>
6	Chlorine	1) Absorption Sampling, Ion Chromatographic Method <sup>[5]</sup> 2) Isokinetic Sampling, Ion Chromatographic Method <sup>[5]</sup>
7	Chromium	1) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method <sup>[5]</sup> 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[5]</sup>
8	Cobalt	1) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method <sup>[5]</sup> 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[5]</sup>
9	Copper	1) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method <sup>[5]</sup> 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[5]</sup>
10	Cresol	Adsorption Sampling, Gas Chromatographic Method <sup>[5]</sup>
11	Dioxins	Isokinetic Sampling <sup>[5]</sup>
12	Hydrogen Chloride	1) Absorption Sampling, Ion Chromatographic Method <sup>[5]</sup> 2) Isokinetic Sampling, Ion Chromatographic Method <sup>[5]</sup>
13	Hydrogen Fluoride	1) Absorption Sampling, Ion Chromatographic Method <sup>[5]</sup> 2) Isokinetic Sampling, Ion Chromatographic Method <sup>[5]</sup>
14	Hydrogen Sulfide	Absorption Sampling, Iodometric Method <sup>[5]</sup>

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
15	Lead	1) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method <sup>[5]</sup> 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[5]</sup>
16	Manganese	1) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method <sup>[5]</sup> 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[5]</sup>
17	Mercury	1) Isokinetic Sampling, Digestion, Cold-Vapor Atomic Absorption Spectrometric Method <sup>[5]</sup> 2) Isokinetic Sampling, Digestion, Cold-Vapor Atomic Fluorescence Spectrometric Method <sup>[5]</sup>
18	Nickel	1) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method <sup>[5]</sup> 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[5]</sup>
19	Opacity	Ringelmann's Method <sup>[2]</sup>
20	Oxides of Nitrogen	1) Absorption Sampling, Phenoldisulfonic Acid Method <sup>[5]</sup> 2) Absorption Sampling, Alkaline Permanganate/Colorimetric Method <sup>[5]</sup> 3) Instrumental Analyzer Method <sup>[5]</sup>
21	Selenium	1) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method <sup>[5]</sup> 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[5]</sup>
22	Sulfur Dioxide	1) Absorption Sampling, Barium-Thorin Titrimetric Method <sup>[5]</sup> 2) Instrumental Analyzer Method <sup>[5]</sup>
23	Sulfuric Acid	Isokinetic Sampling, Barium-Thorin Titrimetric Method <sup>[5]</sup>
24	Tellurium	1) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method <sup>[5]</sup> 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[5]</sup>
25	Tin	1) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method <sup>[5]</sup> 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[5]</sup>
26	Total Suspended Particulate	1) Isokinetic Sampling, Gravimetric Method <sup>[5]</sup> 2) Paired Train, Isokinetic Sampling, Gravimetric Method <sup>[5]</sup>

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
27	Vanadium	1) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method <sup>[5]</sup> 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[5]</sup>
28	Xylene	Adsorption Sampling, Gas Chromatographic Method <sup>[5]</sup>

สิ่งปฏิกูลหรือวัสดุที่ไม่ใช้แล้ว จำนวน 35 รายการ

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
1	Aldrin	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>[1,9,26]</sup> 2) Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>[10,26]</sup> 3) Automated Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>[11,26]</sup>
2	Antimony	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>[1,6,16]</sup> 2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[1,6,17]</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>[7,16]</sup> 4) Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[7,17]</sup>
3	Arsenic	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>[1,6,16]</sup> 2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[1,6,17]</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>[7,16]</sup> 4) Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[7,17]</sup>
4	Barium	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>[1,6,16]</sup> 2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[1,6,17]</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>[7,16]</sup> 4) Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[7,17]</sup>

5 Beryllium...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
5	Beryllium	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>[1,6,16]</sup> 2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[1,6,17]</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>[7,16]</sup> 4) Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[7,17]</sup>
6	Cadmium	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>[1,6,16]</sup> 2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[1,6,17]</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>[7,16]</sup> 4) Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[7,17]</sup>
7	Chlordane	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>[1,9,26]</sup> 2) Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>[10,26]</sup> 3) Automated Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>[11,26]</sup>
8	Chromium	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>[1,6,16]</sup> 2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[1,6,17]</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>[7,16]</sup> 4) Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[7,17]</sup>
9	Chromium (III)	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method; Waste Extraction, Colorimetric Method; Calculation Method <sup>[1,6,16,19]</sup> 2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method; Waste Extraction, Colorimetric Method; Calculation Method <sup>[1,6,17,19]</sup> 3) Digestion, Inductively Coupled Plasma Method; Alkaline Digestion, Colorimetric Method; Calculation Method <sup>[7,8,16,19]</sup> 4) Digestion, Inductively Coupled Plasma/Mass Spectrometric Method; Alkaline Digestion, Colorimetric Method; Calculation Method <sup>[7,8,17,19]</sup>

10 Chromium (VI)...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
10	Chromium (VI)	1) Waste Extraction, Colorimetric Method <sup>(1,6,19)</sup> 2) Alkaline Digestion, Colorimetric Method <sup>(8,19)</sup>
11	Cobalt	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>(1,6,16)</sup> 2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>(1,6,17)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(7,16)</sup> 4) Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>(7,17)</sup>
12	Copper	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>(1,6,16)</sup> 2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>(1,6,17)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(7,16)</sup> 4) Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>(7,17)</sup>
13	2,4-D	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(1,9,26)</sup> 2) Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(10,26)</sup> 3) Automated Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(11,26)</sup>
14	DDD	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(1,9,26)</sup> 2) Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(10,26)</sup> 3) Automated Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(11,26)</sup>
15	DDE	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(1,9,26)</sup> 2) Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(10,26)</sup> 3) Automated Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(11,26)</sup>
16	DDT	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(1,9,26)</sup>

2) Soxhlet...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
17	Dieldrin	2) Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(10,26)</sup> 3) Automated Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(11,26)</sup> 1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(1,9,26)</sup> 2) Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(10,26)</sup> 3) Automated Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(11,26)</sup>
18	Endrin	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(1,9,26)</sup> 2) Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(10,26)</sup> 3) Automated Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(11,26)</sup>
19	Heptachlor	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(1,9,26)</sup> 2) Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(10,26)</sup> 3) Automated Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(11,26)</sup>
20	Lead	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>(1,6,16)</sup> 2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>(1,6,17)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(7,16)</sup> 4) Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>(7,17)</sup>
21	Lindane	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(1,9,26)</sup> 2) Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(10,26)</sup> 3) Automated Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(11,26)</sup>

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
22	Mercury	1) Waste Extraction, Digestion, Cold-Vapor Atomic Absorption Spectrometric Method <sup>(1,6,20)</sup> 2) Waste Extraction, Digestion, Cold-Vapor Atomic Fluorescence Spectrometric Method <sup>(1,6,30)</sup> 3) Digestion, Cold-Vapor Atomic Absorption Spectrometric Method <sup>(20)</sup> 4) Digestion, Cold-Vapor Atomic Fluorescence Spectrometric Method <sup>(30)</sup> 5) Thermal Decomposition Amalgamation and Atomic Absorption Spectrometric Method <sup>(21)</sup>
23	Methoxychlor	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(1,9,26)</sup> 2) Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(10,26)</sup> 3) Automated Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(11,26)</sup>
24	Mirex	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(1,9,26)</sup> 2) Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(10,26)</sup> 3) Automated Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(11,26)</sup>
25	Molybdenum	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>(1,6,16)</sup> 2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>(1,6,17)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(7,16)</sup> 4) Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>(7,17)</sup>
26	Nickel	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>(1,6,16)</sup> 2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>(1,6,17)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(7,16)</sup> 4) Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>(7,17)</sup>
27	Polychlorinated biphenyls (PCBs) - Aroclor 1016 - Aroclor 1221 - Aroclor 1232 - Aroclor 1242 - Aroclor 1248 - Aroclor 1254 - Aroclor 1260	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(1,9,26)</sup> 2) Soxhlet Extraction, Gas Chromatographic Method <sup>(10,26)</sup> 3) Automated Soxhlet Extraction, Gas Chromatographic Method <sup>(11,26)</sup>

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
	- 2-Chlorobiphenyl - 2,3-Dichlorobiphenyl - 2,2',5-Trichlorobiphenyl - 2,4',5-Trichlorobiphenyl - 2,2',3,5'-Tetrachlorobiphenyl - 2,2',5,5'-Tetrachlorobiphenyl - 2,3',4,4'-Tetrachlorobiphenyl - 2,2',3,4,5'-Pentachlorobiphenyl - 2,2',4,5,5'-Pentachlorobiphenyl - 2,3,3',4',6-Pentachlorobiphenyl - 2,2',3,4,4',5-Hexachlorobiphenyl - 2,2',3,4,5,5'-Hexachlorobiphenyl - 2,2',3,5,5',6-Hexachlorobiphenyl - 2,2',4,4',5,5'-Hexachlorobiphenyl - 2,2',3,3',4,4',5-Heptachlorobiphenyl - 2,2',3,4,4',5,5'-Heptachlorobiphenyl - 2,2',3,4,4',5,6-Heptachlorobiphenyl - 2,2',3,4',5,5',6-Heptachlorobiphenyl - 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	
28	Pentachlorophenol	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(1,9,26)</sup> 2) Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(10,26)</sup> 3) Automated Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(11,26)</sup> Electrometric Method <sup>(23,24)</sup>
29	pH	
30	Selenium	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>(1,6,16)</sup> 2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>(1,6,17)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(7,16)</sup> 4) Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>(7,17)</sup>

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
31	Silver	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>[1,6,16]</sup> 2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[1,6,17]</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>[7,16]</sup> 4) Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[7,17]</sup>
32	Thallium	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>[1,6,16]</sup> 2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[1,6,17]</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>[7,16]</sup> 4) Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[7,17]</sup>
33	Toxaphene	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>[1,9,26]</sup> 2) Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>[10,26]</sup> 3) Automated Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>[11,26]</sup>
34	Vanadium	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>[1,6,16]</sup> 2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[1,6,17]</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>[7,16]</sup> 4) Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[7,17]</sup>
35	Zinc	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>[1,6,16]</sup> 2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[1,6,17]</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>[7,16]</sup> 4) Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[7,17]</sup>

ดิน จำนวน 125 รายการ

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
1	Acenaphthene	1) Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>[11,26]</sup>
2	Acetone	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method <sup>[13,25]</sup> 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method <sup>[13]</sup>
3	Aldrin	1) Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>[11,26]</sup>
4	Anthracene	1) Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>[11,26]</sup>
5	Antimony	1) Digestion, Inductively Coupled Plasma Method <sup>[7,16]</sup> 2) Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[7,17]</sup>
6	Arsenic	1) Digestion, Inductively Coupled Plasma Method <sup>[7,16]</sup> 2) Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[7,17]</sup>
7	Atrazine	1) Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>[11,26]</sup>
8	Barium	1) Digestion, Inductively Coupled Plasma Method <sup>[7,16]</sup> 2) Digestion, Inductively Coupled Plasma/Mass Spectrometric Method <sup>[7,17]</sup>
9	Benz(a)anthracene	1) Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>[11,26]</sup>
10	Benzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method <sup>[13,25]</sup>

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
11	Benzo(b)fluoranthene	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(10,26)</sup>
12	Benzo(k)fluoranthene	2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,26)</sup>
13	Benzoic acid	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(10,26)</sup>
14	Benzo(a)pyrene	2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,26)</sup>
15	Benzo(g,h,i)perylene	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(10,26)</sup>
16	Beryllium	2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,26)</sup>
17	Bis(2-chloroethyl)ether	1) Digestion, Inductively Coupled Plasma Method <sup>(7,16)</sup>
18	Bis(2-ethylhexyl)phthalate	2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(7,17)</sup>
19	Bromodichloromethane	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(10,26)</sup>
20	Bromoform	2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,26)</sup>
21	Butanol	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(15,25)</sup>
22	Butyl Benzyl Phthalate	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(15,25)</sup>

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
23	Cadmium	1) Digestion, Inductively Coupled Plasma Method <sup>(7,16)</sup>
24	Carbazole	2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(7,17)</sup>
25	Carbon Disulfide	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(10,26)</sup>
26	Carbon tetrachloride	2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,26)</sup>
27	Chlordane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(15,25)</sup>
28	p-Chloroaniline	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(15,25)</sup>
29	Chlorobenzene	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(10,26)</sup>
30	Chlorodibromomethane	2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,26)</sup>
31	Chloroform	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(10,26)</sup>
32	2-Chlorophenol	2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,26)</sup>
33	Chromium	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(15,25)</sup>
34	Chromium (III)	1) Digestion, Inductively Coupled Plasma Method <sup>(7,16)</sup>
35	Chromium (VI)	2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(7,17)</sup>

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
36	Chrysene	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
37	Cyanide	Extraction, Distillation, Colorimetric Method <sup>[27,28,29]</sup>
38	2,4-D	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
39	DDD	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
40	DDE	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
41	DDT	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
42	Dibenz(a,h)anthracene	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
43	Di-n-Butyl Phthalate	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
44	1,2-Dichlorobenzene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>[15,25]</sup>
45	1,3-Dichlorobenzene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>[15,25]</sup>
46	1,4-Dichlorobenzene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>[15,25]</sup>
47	3,3-Dichlorobenzidine	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
48	1,1-Dichloroethane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>[15,25]</sup>

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
49	1,2-Dichloroethane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>[15,25]</sup>
50	1,1-Dichloroethylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>[15,25]</sup>
51	cis-1,2-Dichloroethylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>[15,25]</sup>
52	trans-1,2-Dichloroethylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>[15,25]</sup>
53	2,4-Dichlorophenol	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
54	1,2-Dichloropropane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>[15,25]</sup>
55	1,3-Dichloropropane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>[15,25]</sup>
56	1,3-Dichloropropene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>[15,25]</sup>
57	Dieldrin	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
58	Diethyl Phthalate	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
59	2,4-Dimethylphenol	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
60	2,4-Dinitrophenol	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
61	2,4-Dinitrotoluene	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
62	2,6-Dinitrotoluene	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>



ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
63	Di-n-Octyl Phthalate	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
64	Endosulfan	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
65	Endrin	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
66	Ethylbenzene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>[15,25]</sup>
67	Fluoranthene	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
68	Fluorene	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
69	Heptachlor	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
70	Heptachlor epoxide	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
71	Hexachlorobenzene	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
72	Hexachloro-1,3-butadiene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>[15,25]</sup>
73	n-Hexane	1) Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>[15,25]</sup> 2) Equilibrium Headspace, Gas Chromatographic/ Mass Spectrometric Method <sup>[13]</sup>

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
74	α-HCH	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
75	β-HCH	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
76	γ-HCH	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
77	Hexachlorocyclopentadiene	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
78	Hexachloroethane	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
79	Indeno(1,2,3-cd)pyrene	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
80	Isophorone	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[10,26]</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>[11,26]</sup>
81	Lead	1) Digestion, Inductively Coupled Plasma Method <sup>[7,16]</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>[7,17]</sup>
82	Manganese	1) Digestion, Inductively Coupled Plasma Method <sup>[7,16]</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>[7,17]</sup>
83	Mercury	1) Digestion, Cold-Vapor Atomic Absorption Spectrometric Method <sup>[20]</sup> 2) Thermal Decomposition, Amalgamation, and Atomic Absorption Spectrophotometry <sup>[21]</sup> 3) Digestion, Cold-Vapor Atomic Fluorescence Spectrometric Method <sup>[20]</sup>

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
84	Methanol	1) Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(15,25)</sup> 2) Equilibrium Headspace, Gas Chromatographic/ Mass Spectrometric Method <sup>(13,25)</sup>
85	Methoxychlor	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(10,26)</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,26)</sup>
86	Methyl Bromide	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(15,25)</sup>
87	Methylene Chloride	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(15,25)</sup>
88	2-methylphenol	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(10,26)</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,26)</sup>
89	2-Methylnaphthalene	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(10,26)</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,26)</sup>
90	Methyl tert-Butyl Ether	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(15,25)</sup>
91	Naphthalene	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(10,26)</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,26)</sup>
92	Nickel	1) Digestion, Inductively Coupled Plasma Method <sup>(7,16)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(7,17)</sup>
93	Nitrobenzene	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(10,26)</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,26)</sup>
94	N-Nitrosodiphenylamine	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(10,26)</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,26)</sup>
95	N-Nitrosodi-n-propylamine	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(10,26)</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,26)</sup>

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
96	Polychlorinated biphenyls (PCBs) - Aroclor 1016 - Aroclor 1221 - Aroclor 1232 - Aroclor 1242 - Aroclor 1248 - Aroclor 1254 - Aroclor 1260 - 2-Chlorobiphenyl - 2,2',3,5'-Tetrachlorobiphenyl - 2,2',5,5'-Tetrachlorobiphenyl - 2,3',4,4'-Tetrachlorobiphenyl - 2,2',3,4,5'-Pentachlorobiphenyl - 2,2',4,5,5'-Pentachlorobiphenyl - 2,3,3',4',6-Pentachlorobiphenyl - 2,2',3,4,4',5'-Hexachlorobiphenyl - 2,2',3,4,5,5'-Hexachlorobiphenyl - 2,2',3,5,5',6-Hexachlorobiphenyl - 2,2',4,4',5,5'-Hexachlorobiphenyl - 2,2',3,3',4,4',5'-Heptachlorobiphenyl - 2,2',3,4,4',5,5'-Heptachlorobiphenyl - 2,2',3,4,4',5,6-Heptachlorobiphenyl - 2,2',3,4',5,5',6-Heptachlorobiphenyl - 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(10,26)</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,26)</sup>
97	Pentachlorophenol	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(10,26)</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,26)</sup>
98	Phenanthrene	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(10,26)</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,26)</sup>

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
99	Phenol	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(10,26)</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,26)</sup>
100	Pyrene	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(10,26)</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,26)</sup>
101	Selenium	1) Digestion, Inductively Coupled Plasma Method <sup>(7,16)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(7,17)</sup>
102	Silver	1) Digestion, Inductively Coupled Plasma Method <sup>(7,16)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(7,17)</sup>
103	Styrene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(15,25)</sup>
104	1,1,2,2-Tetrachloroethane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(15,25)</sup>
105	Tetrachloroethylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(15,25)</sup>
106	Toluene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(15,25)</sup>
107	Toxaphene	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(10,26)</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,26)</sup>
108	TPH (C <sub>5</sub> -C <sub>8</sub> )	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(15,25)</sup>
109	TPH (C <sub>9</sub> - C <sub>16</sub> )	1) Automate Extraction, Gas Chromatographic Method <sup>(11,22)</sup> 2) Solvent Extraction, Gas Chromatographic Method <sup>(11,22)</sup> 3) Ultrasonic Extraction, Gas Chromatographic Method <sup>(22,31)</sup>
110	TPH (C <sub>16</sub> - C <sub>35</sub> )	1) Automate Extraction, Gas Chromatographic Method <sup>(11,22)</sup> 2) Solvent Extraction, Gas Chromatographic Method <sup>(11,22)</sup> 3) Ultrasonic Extraction, Gas Chromatographic Method <sup>(22,31)</sup>
111	1,2,4-Trichlorobenzene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(15,25)</sup>
112	1,1,1-Trichloroethane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(15,25)</sup>
113	1,1,2-Trichloroethane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(15,25)</sup>
114	Trichloroethylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(15,25)</sup>

115 2,4,5-Trichlorophenol...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
115	2,4,5-Trichlorophenol	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(10,26)</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,26)</sup>
116	2,4,6-Trichlorophenol	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(10,26)</sup> 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,26)</sup>
117	1,3,5-Trimethylbenzene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(15,25)</sup>
118	Vanadium	1) Digestion, Inductively Coupled Plasma Method <sup>(7,16)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(7,17)</sup>
119	Vinyl Acetate	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(15,25)</sup>
120	Vinyl Chloride	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(15,25)</sup>
121	m-Xylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(15,25)</sup>
122	o-Xylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(15,25)</sup>
123	p-Xylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(15,25)</sup>
124	Xylene (Total)	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(15,25)</sup>
125	Zinc	1) Digestion, Inductively Coupled Plasma Method <sup>(7,16)</sup> 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method <sup>(7,17)</sup>

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ที่ อก ๐๓๓๐(๑)/ ๔ ๑ ๒ ๑



กรมโรงงานอุตสาหกรรม  
ถนนพระรามที่ ๖ แขวงทุ่งพญาไท  
เขตราชเทวี กรุงเทพฯ ๑๐๔๐๐

๒๕ เมษายน ๒๕๖๗

เรื่อง เปลี่ยนแปลงบุคลากรของห้องปฏิบัติการวิเคราะห์

เรียน กรรมการผู้จัดการ บริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด

อ้างถึง คำขอขึ้นทะเบียน/ต่ออายุ/เปลี่ยนแปลงบุคลากร และชนิดสารมลพิษของห้องปฏิบัติการวิเคราะห์เอกชน  
ลงวันที่ ๒๔ มีนาคม ๒๕๖๗

ตามคำขอที่อ้างถึง บริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด ห้องปฏิบัติการ  
วิเคราะห์เอกชน เลขทะเบียน ว-๒๐๔ สถานที่ตั้งเลขที่ ๑๐๔ ซอยพัฒนาการ ๔๐ ถนนพัฒนาการ แขวงพัฒนาการ  
เขตสวนหลวง กรุงเทพมหานคร ขอเปลี่ยนแปลงบุคลากร ความละเอียดดังนี้แล้ว นั้น

กรมโรงงานอุตสาหกรรมพิจารณาแล้ว มีความเห็นดังนี้

๑. ให้ยกเลิกเจ้าหน้าที่ประจำห้องปฏิบัติการวิเคราะห์ จำนวน ๓ ราย

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|--------------------------|----------------------------|
| ๑) นางสาวพรรณธิดา พุ่มคง | ทะเบียนเลขที่ ว-๒๐๔-จ-๐๐๖๕ |
| ๒) นายกำชัย สุทธิยะ      | ทะเบียนเลขที่ ว-๒๐๔-จ-๐๑๒๓ |
| ๓) นางสาวศุภรดา ปันมยุรา | ทะเบียนเลขที่ ว-๒๐๔-จ-๐๑๓๘ |

๒. ให้เพิ่มเจ้าหน้าที่ห้องปฏิบัติการวิเคราะห์เอกชน จำนวน ๑๒ ราย

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| ๑) นางสาวฐานิตา กลิ่นเขียว  | ทะเบียนเลขที่ ว-๒๐๔-จ-๐๑๘๒ |
| ๒) นางสาวกัญญ์กัสน์ สายคำ   | ทะเบียนเลขที่ ว-๒๐๔-จ-๐๑๘๓ |
| ๓) นางสาวณัฐนันท์ กันทะวงศ์ | ทะเบียนเลขที่ ว-๒๐๔-จ-๐๑๘๔ |
| ๔) นายอำนาจ วงษาเคน         | ทะเบียนเลขที่ ว-๒๐๔-จ-๐๑๘๕ |
| ๕) นายฤทธิพล ปัญญาวงศ์      | ทะเบียนเลขที่ ว-๒๐๔-จ-๐๑๘๖ |
| ๖) นายณชากร ทรธนา           | ทะเบียนเลขที่ ว-๒๐๔-จ-๐๑๘๗ |
| ๗) นายวัชรินทร์ ผ่องสามสวน  | ทะเบียนเลขที่ ว-๒๐๔-จ-๐๑๘๘ |
| ๘) นายณัฐพงศ์ โสภา          | ทะเบียนเลขที่ ว-๒๐๔-จ-๐๑๘๙ |
| ๙) นายศักรินทร์ ปานเพ็ง     | ทะเบียนเลขที่ ว-๒๐๔-จ-๐๑๙๐ |
| ๑๐) นายณัฐพล ชุ่มชื่น       | ทะเบียนเลขที่ ว-๒๐๔-จ-๐๑๙๑ |
| ๑๑) นายธนา สุพาพันธุ์       | ทะเบียนเลขที่ ว-๒๐๔-จ-๐๑๙๒ |
| ๑๒) นายนราธร แก้วพงษ์ชา     | ทะเบียนเลขที่ ว-๒๐๔-จ-๐๑๙๓ |

อนึ่ง หนังสือฉบับนี้...

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อนึ่ง หนังสือฉบับนี้จะหมดอายุพร้อมหนังสือต่ออายุรับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน  
ในวันที่ ๒ กันยายน ๒๕๖๙

จึงเรียนมาเพื่อทราบ

ขอแสดงความนับถือ

๗

(นายพรยศ กลั่นกรอง)  
รองอธิบดี ปฏิบัติราชการแทน  
อธิบดีกรมโรงงานอุตสาหกรรม

กองวิจัยและเตือนภัยมลพิษโรงงาน

กลุ่มมาตรฐานวิธีการวิเคราะห์ทดสอบมลพิษและทะเบียนห้องปฏิบัติการ

โทร. ๐ ๒๔๓๐ ๖๓๑๒ ต่อ ๒๓๐๓-๕

โทรสาร ๐ ๒๔๓๐ ๖๓๑๒ ต่อ ๒๓๙๙

ไปรษณีย์อิเล็กทรอนิกส์ saraban@diw.mail.go.th

