

ผลการตรวจสอบค่าความเป็นกรด-ด่าง และคลอรีนของสระว่ายน้ำประจำวัน

งานช่างสระว่ายน้ำ (ห้องพัก Villas & น้ําดก B1)

Room	วันที่	เวลาเริ่ม	เวลาเสร็จ	ตัดไฟไหม้	ดูดตะกอน	ค่าความสะอาดของสระ	ขัดสระ	ค่า CL	ค่า PH	เช็คปั้มกรอง	เช็คปั้มจากกุชชี	Timer & Control	เดิมเดิม	ผู้เข้าเช็ค	หมายเหตุ
101	11/1/67	13 35	13 35	/	/	/	/	0.5	7.2	/	/	✓	cl 20 g		
102		15 40	15 50	✓	/	/	/	1.5	7.2	/	✓	✓			
201	NO NEED														
202		13 50	14 00	/	/	/	/	0.5	7.2	/	✓	✓	cl 20 g		
203	หนัก 100 กรัม	16 52		/	/	/	/								
301	NO NEED														
302	DND														
303		15 50	16 00	/	/	/	/	1.5	7.2	/	/	/			
304		11 00	11 15	/	/	/	/	1.0	7.2	/	/	/	cl 20 g		
401	DND														
402		16 30	16 40	/	/	/	/	1.5	7.2	/	/	✓			
403		16 20	16 30	/	/	/	/	1.5	7.2	/	✓	✓			
404		10 40	10 50	/	/	/	/	0.5	7.2	/	/	/	cl 40 g		
405		10 25	10 35	/	/	/	/	0.5	7.2	/	/	/	cl 40 g		
501															
502		12 30	12 45	/	/	/	/	1.5	7.2	/	/	/			
503															
504		15 00	15 10	/	/	/	/	1.5	7.2	/	/	/			
505															
506															
601															
602		16 40	17 05	/	/	/	/	0.5	7.2	/	/	/	cl 40 g		
603		15 15	15 25	/	/	/	/	1.5	7.2	/	/	/			
604															
605	DND														
606															
น้ําดก B1															
Skyline		9.05	9.20		/		/								

[illegible]

งานช่างสรวายน้ำ (ห้องพัก Villas & น้ําดก B1)

[illegible]

[illegible]

05/07/67

[illegible]

งานช่างสระว่ายน้ำ (ห้องพัก Villas & น้ําดก B1)

Room	วันที่	เวลาเริ่ม	เวลาเสร็จ	ตกใบไม้	ดูดตะกอน	ทำความสะอาดขอบสระ	ขัดสระ	ค่า CL	ค่า PH	เช็ดบ่ํมกรอง	เช็ดบ่ํมจากุ้ง	Timer & Control	เติมเคมี	ผู้เข้าเช็ค	หมายเหตุ
	6/1/67														
101		14.00	14.15	/	/	/	/	0.5	7.2	/	/	/	CL 40g		
102		16.10	16.20	/	/	/	/	1.5	7.2	/	/	/			
201		10.20	10.35	/	/	/	/	1.5	7.2	/	/	/			
202	DND														
203	Noneed														
301		12.25	12.40	/	/	/	/	0.5	7.2	/	/	/	CL 40g		
302		17.45	18.00	/	/	/	/	0.5	7.2	/	/	/	CL 40g		
303		15.20	15.35	/	/	/	/	1.5	7.2	/	/	/			
304		14.45	15.00	/	/	/	/	0.5	7.2	/	/	/	CL 40g		
401		17.00	17.15	/	/	/	/	1.0	7.2	/	/	/	CL 20g		
402		18.05	18.20	/	/	/	/	0.5	7.2	/	/	/	CL 40g		
403	DND														
404	DND														
405		13.45	13.55	/	/	/	/	0.5	7.2	/	/	/	CL 40g		
501	noneed	18.00								/	/	/			
502		15.00	15.11	/	/	/	/	0.5	7.2	/	/	/	CL 100g.		
503		11.30	11.40	/	/	/	/	1.0	7.2	/	/	/	CL 10g.		
504	DND	9.00	19.00							/	/	/			
505		9.15	9.40	/	/	/	/	1.5	7.2	/	/	/			
506		9.40	10.05	/	/	/	/	1.5	7.2	/	/	/			
601		14.41	14.58	/	/	/	/	1.5	7.2	/	/	/			
602		10.30	11.13	/	/	/	/	0.5	7.2	/	/	/	CL 100g		
603		13.00	13.20	/	/	/	/	1.5	7.2	/	/	/			
604		10.15	10.44	/	/	/	/	1.5	7.2	/	/	/			
605		16.00	16.12	/	/	/	/	0.5	7.2	/	/	/	CL 100g		
606		12.40	12.53	/	/	/	/	1.0	7.2	/	/	/	CL 100g.		
น้ําดก B1															
Skyline															

james

[illegible]

งานช่างสรวายน้ำ (ห้องพัก Villas & น้ําดก B1)

Room	วันที่	เวลาเริ่ม	เวลาเสร็จ	ตกใบไม้	ดูดตะกอน	ท่าความสะอาดขอบสระ	ขัดสระ	ค่า CL	ค่า PH	เช็ดบ่ํมกรอง	เช็ดบ่ํมจากุ้ง	Timer & Control	เติมเคมี	ผู้เข้าเช็ด	หมายเหตุ
	8/1/64														
101		17.15	17.25	/	✓	/	/	1.0	7.2	/	/	/	cc 20g		
102		17.00	17.10	/	✓	/	/	1.5	7.2	/	/	/			
201		11.05	11.15	/	✓	/	/	1.5	7.2	/	/	/			
202		18.10	18.25	/	✓	/	/	0.5	7.2	/	/	/	CL 40g		
203		11.45	11.55	/	✓	/	/	1.0	7.2	/	/	/	cc 20g		
301		10.30	10.40	/	✓	/	/	1.0	7.2	/	✓	/	cc 20g		
302		15.50	16.00	/	✓	/	/	1.0	7.2	/	✓	/	cc 20g		
303		12.30	12.38	/	✓	/	/	1.5	7.2	/	✓	/			
304		11.40	11.50	/	/	/	/	1.0	7.2	✓	✓	/	cc 20g		
401		14.45	14.55	/	/	/	/	1.0	7.2	✓	✓	/			
402		09.43	09.53	/	/	/	/	0.5	7.2	✓	/	/	cc 40g		
403		10.55	11.00	/	/	/	/	1.5	7.2	/	✓	/			
404	DND														
405		14.00	14.10	/	/	/	/	1.5	7.2	✓	/	/			
501		9.10	9.54	✓	/	/	/	1.0	7.2	/	/	/	CL 100g		เพิ่มน้ำพรม/Book Wash
502		12.00	12.15	/	/	/	/	1.0	7.2	/	/	/	CL 100g		
503		11.15	11.46	/	/	/	/	1.0	7.2	/	/	/	CL 100g.		
504		12.00	12.10	/	/	/	/	1.5	7.2	/	/	✓			
505	noneed	16.10													
506		10.05	10.15	/	✓	/	/	1.5	7.2	/	/	/			
601		10.39	11.10	/	/	/	/	1.0	7.2	/	/	/	CL 100g		เพิ่มน้ำพรม/Book Wash
602		10.00	10.36	/	/	/	/	0.5	7.2	/	/	/	CL 100g		
603		15.20	15.34	/	/	/	/	1.5	7.2	/	/	/			
604		10.20	10.30	/	/	/	/	1.5	7.2	✓	/	/			
605		14.20	14.30	/	/	/	/	1.5	7.2	✓	/	/			
606		15.00	15.11	/	/	/	/	0.5	7.2	/	/	/	CL 100g.	james	
น้ําดก B1															
Skyline		09.00	09.15		✓		/			/					

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[illegible]

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RESORT

[illegible]

RESORT

งานช่างสระว่ายน้ำ (ห้องพัก Villas & น้ำตก B1)

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งานช่างสรว่ายน้ำ (ห้องพัก Villas & น้ําดก B1)

Room	วันที่	เวลาเริ่ม	เวลาเสร็จ	ตกใบไม้	ดูดตะกอน	ทำความสะอาด ส้วม/ชักโครก	ขัดสระ	ค่า CL	ค่า PH	เช็ดบ่มกรอง	เช็ดบ่มจาก ทุกชั้น	Timer & Control	เติมเคมี	ผู้เข้าเช็ค	หมายเหตุ
101	16/01/67	12.40	12.50	/	/	/	/	1.5	7.2	/	✓	✓			
102	NO NEED				/	/	/								
201		15.28	15.35	/	/	/	/	0.5	7.2	/	/	/	CL 40g		
202		16.40	16.50	/	/	/	/	0.5	7.2	/	✓	✓	CC 40g		
203		17.15	17.25	/	/	/	/	1.5	7.2	/	/	/			
301		10.00	10.15	/	/	/	/	0.5	7.2	/	/	/	CC 40g		
302		11.25	11.35	/	/	/	/	0.5	7.2	/	/	/	CL 40g		
303		13.30	13.40	/	/	/	/	1.5	7.2	/	/	/			
304		14.20	14.35	/	/	/	/	1.5	7.2	/	/	/			
401	DND														
402		12.55	13.05	/	/	/	/	0.5	7.2	/	/	/	CC 40g		
403	NO NEED														
404		10.40	10.50	/	/	/	/	1.5	7.2	/	/	/			
405		11.00	11.15	/	/	/	/	0.5	7.2	/	/	/	CC 40g		
501		14.14	14.26	/	/	/	/	0.5	7.2	/	/	/	CL 40g		Back Wash
502		14.04	14.03	/	/	/	/	0.5	7.2	/	/	/	CL 60g		
503		09.35	09.45	/	/	/	/	1.0	7.2	/	✓	✓	CC 20g		Back Wash/เติมฟ
504		10.52	11.14	/	/	/	/	1.5	7.2	/	/	/	CL 40g		Back Wash/เติมฟ
505	No Need	No Need	-	-	-	-	-	-	-	/	/	/	CL 60g		Back Wash
506	No Need	-	-	-	-	-	-	-	-	/	/	/			Back Wash/เติมฟ
601		12.22	13.00	/	/	/	/	0.5	7.2	/	/	/	CL 40g		
602		14.27	15.05	/	/	/	/	0.5	7.2	/	/	/	CL 60g		
603		08.46	10.08	/	/	/	/	1.0	7.2	/	/	/	CL 40g		
604		15.05	15.16	/	/	/	/	1.5	7.2	/	/	/			
605		13.15	13.51	/	/	/	/	0.5	7.2	/	/	/	CL 70g		Back Wash/เติมฟ
606		13.06	13.13	/	/	/	/	0.5	7.2	/	/	/	CL 60g		
น้ําดก B1															
Skyline		18.30	19.00				/			/				Vud, เจริญ	

งานช่างสระว่ายน้ำ (ห้องพัก Villas & น้ําดก B1)

Room	วันที่	เวลาเริ่ม	เวลาเสร็จ	ตกใบไม้	ดูดตะกอน	ทำความสะอาดขอบสระ	ขัดสระ	ค่า CL	ค่า PH	เช็คปั้มกรอง	เช็คปั้มจากุชชี	Timer & Control	เติมเคมี	ผู้เข้าเช็ค	หมายเหตุ
101	17/01/17	17.10	17.20	/	/	/	/	1.5	7.2	/	/	/			
102		17.20	17.30	/	/	/	/	1.5	7.2	/	/	/			
201		16.30	16.40	/	/	/	/	0.5	7.2	/	/	/	cc 40g		
202		13.45	13.55	/	/	/	/	0.5	7.2	/	/	/	cc 40g		
203		10.30	10.40	/	/	/	/	1.5	7.2	/	/	/			
301		12.05	12.15	/	/	/	/	0.5	7.2	/	/	/	cc 40g	ฟรีด	
302		10.10	10.22	/	/	/	/	0.5	7.2	/	/	/	cc 40g		
303		12.20	12.30	/	/	/	/	0.5	7.2	/	/	/	cc 40g		
304		13.15	13.25	/	/	/	/	1.5	7.2	/	/	/			
401		09.41	09.57	/	/	/	/	1.5	7.2	/	/	/			เติมน้ำ/น้ำยา
402	NO Need														
403		10.50	11.05	/	/	/	/	0.5	7.2	/	/	/	cc 40g		
404		12.40	12.50	/	/	/	/	1.5	7.2	/	/	/			
405		12.50	13.00	/	/	/	/	1.5	7.2	/	/	/	cc 20g		
501		14.34	15.13	/	/	/	/	0.5	7.2	/	/	/	CL 70g		Back Wash / เติมน้ำ
502		17.57	18.04	/	/	/	/	1.0	7.2	/	/	/	CL 50g		
503		18.20	18.29	/	/	/	/	1.0	7.2	/	/	/	CL 50g		
504		11.24	11.31	/	/	/	/	1.5	7.2	/	/	/	CL 40g		
505	No Need	18.40	-	-	-	-	-	-	-	/	/	/			
506		14.20	14.33	/	/	/	/	0.5	7.2	/	/	/	CL 70g		
601		10.00	10.48	/	/	/	/	0.5	7.2	/	/	/	-		Back Wash / เติมน้ำ
602		13.04	14.02	/	/	/	/	0.5	7.2	/	/	/	-		
603		12.54	13.03	/	/	/	/	1.5	7.2	/	/	/	CL 20g		
604		14.03	14.18	/	/	/	/	1.5	7.2	/	/	/			
605		17.33	17.40	/	/	/	/	1.5	7.2	/	/	/		Vud.	
606		17.40	17.50	/	/	/	/	1.0	7.2	/	/	/	CL 50g		
น้ําดก B1															
Skyline		09.00	09.30		/					/				ฟรีด	

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RESORT

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RESORT

[illegible]

RESORT

[illegible]



งานช่างสรวายน้ำ (ห้องพัก Villas & น้ําดก B1)

Room	วันที่	เวลาเริ่ม	เวลาเสร็จ	ตกใบไม้	ดูดตะกอน	ทำความสะอาด ส้วมชักโครก	ขัดสระ	ค่า CL	ค่า PH	เช็ดบ่มกรอง	เช็ดบ่มจาก กษชี	Timer & Control	เติมเคมี	ผู้เข้าเช็ค	หมายเหตุ
101	29/01/67														
102															
201															
202		12.59	13.04	/		/	/	0.5	7.2	/	/	/	CLlog		
203		10.48	10.54	/		/	/	1.5	7.2	/	/	/			
301		12.19	12.25	/		/	/	1.5	7.2	/	/	/			
302		10.55	11.02	/		/	/	1.5	7.2	/	/	/			
303		12.48	12.58	/		/	/	1.5	7.2	/	/	/	CLlog		น้ำรั่ว/ฟอง
304		11.20	11.28	/		/	/	1.5	7.2	/	/	/			
401															
402		09.43	10.04	/		/	/	1.6	7.2	/	/	/			
403															
404		09.45	09.52	/		/	/	1.5	7.2	/	/	/			
405															
501															
502															
503															
504		12.32	12.43	/		/	/	1.5	7.2	/	/	/			
505															
506		12.28	12.36	/		/	/	1.5	7.2	/	/	/			
601		10.06	10.18	/		/	/	0.5	7.2	/	/	/	CLlog		
602															
603															
604		10.19	10.26	/		/	/	0.5	7.2	/	/	/	CLlog		
605															
606		10.27	10.32	/		/	/	1.5	7.2	/	/	/			
น้ําดก B1															
Skyline															

* มีของในห้องน้ำได้ลงเวลาปิด (ใช้ประมาณ) 4.00 น

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งานช่างสระว่ายน้ำ (ห้องพัก Villas & น้ําทก B1)

1/12/67

Room	วันที่	เวลาเริ่ม	เวลาเสร็จ	ตกใบไม้	ดูตตะกอน	ทำความสะอาดสระ	ขัดสระ	ค่า CL	ค่า PH	เช็คปั๊มกรอง	เช็คปั๊มจากุชชี	Timer & Control	เติมเคมี	ผู้เข้าเช็ค	หมายเหตุ
101		1117	1127	/	/	/	/	1.5	7.2	/	/	/			
102		1508	1514	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
201		0941	0951	/	/	/	/	1.5	7.2	/	/	/			
202		0900	0910	/	/	/	/	1.0	7.2	/	/	/	CC 20g		
203		1543	1553	/	/	/	/	1.5	7.2	/	/	/			
301	BND	-	-	-	-	-	-	-	-	-	-	-			
302		1148	1158	/	/	/	/	1.5	7.2	/	/	/			
303		1250	1300	/	/	/	/	1.5	7.2	/	/	/			
304		1309	1319	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
401		1430	1440	/	/	/	/	1.5	7.2	/	/	/			
402		1135	1145	/	/	/	/	1.5	7.2	/	/	/			
403		1410	1420	/	/	/	/	1.5	7.2	/	/	/			
404	No Need	-	-	-	-	-	-	-	-	-	-	-			
405	หนัก 18m	-	-	-	-	-	-	-	-	-	-	-			
501		1032	1041	✓	✓	✓	✓	7.0	7.2	✓	✓	✓	CL 10g		
502		1411	1420	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	CL 40g		
503		1610	1620	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	CL 20g		
504		1349	1400	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CC 40C		
505		1622	1639	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 20g		
506	No 20	-	-	-	-	-	-	-	-	-	-	-			
601		1301	1312	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 20g		
602		1320	1339	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 40g		
603		0944	0959	✓	✓	✓	✓	0.1	7.2	✓	✓	✓	CL 20g		
604		1544	1559	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	CL 40g		
605		1710	1723	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CC 90g		
606		1120	1126	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 90g		
น้ําทก B1															
Skyline		1025	1041	/	/	/	/								

ห้ 30g

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03/11/67

[illegible]

งานช่างสระว่ายน้ำ (ห้องพัก Villas & สระว่ายน้ำ B1)

[illegible]

05/12/67

[illegible]

[illegible]

งานช่างสระว่ายน้ำ (ห้องพัก Villas & ห้้ตก B1)

[illegible]

8/12/07

งานช่างสรว่ายน้ำ (ห้องพัก Villas & น้ําดก B1)

Room	วันที่	เวลาเริ่ม	เวลาเสร็จ	ตกใบไม้	ดูดตะกอน	ทำความสะอาด สะอาดชอบ สระ	ขัดสระ	ค่า CL	ค่า PH	เช็คปั้มกรอง	เช็คปั้มจาก กุชชี	Timer & Control	เดิมเดิม	ผู้เข้าเช็ค	หมายเหตุ
101		1219	1229	/	/	/	/	1.5	7.2	/	/	/			
102		1229	1236	/	/	/	/	1.5	7.2	/	/	/			
201		0929	0936	/	/	/	/	1.5	7.2	/	/	/			
202		0919	0927	/	/	/	/	0.5	7.2	/	/	/	CL 20 g		
203		0936	0941	/	/	/	/	1.5	7.2	/	/	/			
301		10.06	10.15	/	/	/	/	1.6	7.2	/	/	/			
302		10.15	10.30	/	/	/	/	1.6	7.2	/	/	/			
303		1533	1543	/	/	/	/	1.5	7.2	/	/	/			
304		1429	1439	/	/	/	/	0.5	7.2	/	/	/	CL 20 g		
401		11.00	11.06	/	/	/	/	1.0	7.2	/	/	/			
402		11.06	11.18	/	/	/	/	1.0	7.2	/	/	/			
403		1301	1311	/	/	/	/	0.5	7.2	/	/	/	CL 20 g		
404		1400	1425	/	/	/	/	0.5	7.2	/	/	/	CL 10 g		
405		12.46	13.20	/	/	/	/	0.5	7.2	/	/	/	CL 10 g		
501		10.30	10.40	/	/	/	/	0.6	7.2	/	/	/	CL 10 g		
502		1610	1620	/	/	/	/	0.6	7.2	/	/	/	CL 10 g		
503		17.40	17.55	/	/	/	/	0.6	7.2	/	/	/	CL 10 g		
504		1050	1110	/	/	/	/	0.6	7.2	/	/	/	CL 20 g		
505		1026	1035	/	/	/	/	0.6	7.2	/	/	/	CL 20 g		
506		1040	1100	/	/	/	/	0.6	7.2	/	/	/	CL 20 g		
601		1647	1658	/	/	/	/	0.5	7.2	/	/	/	CL 20 g		
602		1720	1729	/	/	/	/	1.0	7.2	/	/	/	CL 20 g		
603		1420	1427	/	/	/	/	1.0	7.2	/	/	/	CL 20 g		
604		1429	1435	/	/	/	/	1.6	7.2	/	/	/	CL 20 g		
605		1410	1420	/	/	/	/	0.5	7.2	/	/	/	CL 20 g		
606		1505	1613	/	/	/	/	0.5	7.2	/	/	/	CL 40 g		
น้ําดก B1		1134	1140	/	/	/	/								
Skyline		0830	0910	/	/	/	/								

5

102

145

งานช่างสระว่ายน้ำ (ห้องพัก Villas & สระว่ายน้ำ B1)

[illegible]

งานช่างสระว่ายน้ำ (ห้องพัก Villas & สระว่ายน้ำ B1)

[illegible]

งานช่างสระว่ายน้ำ (ห้องพัก Villas & น้ําดก B1)

[illegible]

12/12/62

งานช่างสระว่ายน้ำ (ห้องพัก Villas & น้ําดก B1)

[illegible]

18/12/67

งานช่างสรวายน้ำ (ห้องพัก Villas & น้าดก B1)

Room	วันที่	เวลาเริ่ม	เวลาเสร็จ	ตกใบไม้	อุดตะกอน	ทำความสะอาดสระ	ขัดสระ	ค่า CL	ค่า PH	เปิดเป็นกรอง	เปิดเป็นจากษย์	Timer & Control	เติมเคมี	ผู้เข้าเช็ค	หมายเหตุ
101		0950	1000	/	/	/	/	1.5	7.2	/	/	/			
102		0931	0941	/	/	/	/	1.5	7.2	/	/	/			
201		1034	1047	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
202		1031	1041	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
203		1000	1007	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
301		1206	1216	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
302		16.00	12.06	-	-	-	-	1.0	7.2	/	/	/	-		
303	NO NEED	-	-	-	-	-	-	-	-	-	-	-	-		
304		1008	1015	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
401		1245	13.00	/	/	/	/	0.5	7.2	/	/	/	CL 10g		
402		11.50	12.05	-	-	-	-	0.5	7.2	-	/	-	CL 10g		
403		12.10	12.25	-	-	-	-	0.5	7.2	/	/	-	CL 10g		
404		1320	1340	/	/	/	/	0.5	7.2	/	/	/	CL 10g		
405		15.00	15.20	/	/	/	/	0.5	7.2	/	/	/	CL 10g		
501		10.10	10.25	/	/	/	/	0.5	7.2	/	/	/	CL 10g		
502		12.1	12.22	/	/	/	/	1.5	7.2	/	/	/	CL 20g		
503	001	0900	19.00	-	-	-	-	-	-	-	-	-	-		
504		1350	14.00	/	/	/	/	0.5	7.2	/	/	/	CL 10g		
505		1004	1019	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
506		1743	1755	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
601	NO NEED	0700	1900	-	-	-	-	-	-	-	-	-	-		
602		1607	1619	/	/	/	/	1.0	7.2	/	/	/	CL 20g		
603		1155	1210	/	/	/	/	1.0	7.2	/	/	/	CL 20g		
604		1335	1349	/	/	/	/	1.0	7.2	/	/	/	CL 20g		
605		1020	1028	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
606		1030	1049	/	/	/	/	1.0	7.2	/	/	/	CL 10g		
น้าดก B1															
Skyline		0907	0927	/	/	/	/								

งานช่างสรว่ายน้ำ (ห้องพัก Villas & น้ําดก B1)

[illegible]

16/12/89

งานช่างสระว่ายน้ำ (ห้องพัก Villas & นาค B1)

Room	วันที่	เวลาเริ่ม	เวลาเสร็จ	ตกใบไม้	อุดรอยร้าว	ล้างสารเคมี	ซักสระ	ค่า CL	ค่า PH	เปิดเครื่อง	เปิดน้ำจาก	Timer & Control	เดินเคมี	ผู้เข้าพัก	หมายเหตุ
101		14.00	14.10	✓	✓	✓	✓	1.0	7.2	✓	✓	✓			
102		09.50	10.00	✓	✓	✓	✓	1.5	7.2	✓	✓	✓			
201		09.00	09.10	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 20g		
202		09.30	09.40	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 20g		
203		09.40	09.49	✓	✓	✓	✓	1.5	7.2	✓	✓	✓			
301		12.50	13.00	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 20g		
302		10.47	10.57	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 20g		
303		15.00	15.20	✓	✓	✓	✓	1.0	7.2	✓	✓	✓			
304		11.32	11.42	✓	✓	✓	✓	0.5	7.2				CL 20g		
401		09.30	09.40	✓	✓	✓	✓	1.0	7.2	✓	✓	✓			
402		16.26	16.36	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10g		
403		09.00	10.10	✓	✓	✓	✓	1.0	7.2	✓	✓	✓			
404		10.30	10.40	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10g		
405	001	09.00	19.00												
501		16.00	16.16	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10g		
502		14.10	14.26	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10g		
503		11.10	11.26	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10g		
504		13.40	13.55	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10g		
505		10.55	11.10	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	CL 20g		
506		09.50	11.06	✓	✓	✓	✓	1.5	7.2	✓	✓	✓	CL 20g		
601		15.16	16.27	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 20g		
602		13.03	13.12	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 20g		
603		13.27	13.38	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	CL 20g		
604		16.12	16.24	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 20g		
605		12.50	13.59	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	CL 20g		
606		10.07	10.37	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 20g		
นาค B1															
Skyline															

เสร็จ

3.14
- 10.00, 10.00, 10.00

งานช่างสรวายน้ำ (ห้องพัก Villas & น้ําดก B1)

18/12/67

Room	วันที่	เวลาเริ่ม	เวลาเสร็จ	ตัดน้ำไป	จุดตรวจ	ค่าการ ลดค่าควบคุม การ	จุดตรวจ	ค่า CL	ค่า PH	เปิดปั๊มกรอง	เปิดปั๊ม จ่าย	Timer & Control	เพิ่มลด	ผู้ตรวจ	หมายเหตุ
101		14.00	14.40	✓	✓	✓	✓	1.0	7.2	✓	✓	✓			
102		09.36	09.60	✓	✓	✓	✓	1.0	7.2	✓	✓	✓			
201		10.50	11.10	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL. 10g.		
202		13.46	13.56	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL. 10g.		
203		16.20	16.30	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL. 10g.		
301		11.10	11.36	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL. 10g.		
302		12.10	12.26	✓	✓	✓	✓	1.0	7.2	✓	✓	✓			
303		15.10	15.20	✓	✓	✓	✓	1.0	7.2	✓	✓	✓			
304		10.30	10.45	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL. 10g.		
401		09.00	09.45	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL. 10g.		
402		10.26	10.36	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL. 10g.		
403		13.00	13.10	✓	✓	✓	✓	1.0	7.2	✓	✓	✓			
404		13.46	13.55	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL. 10g.		
405		16.46	16.56	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL. 10g.		
501		15.49	15.59	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL. 20g.		
502		15.16	15.27	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	CL. 10g.		
503		12.04	12.19	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL. 20g.		
504		14.17	14.27	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL. 20g.		
505		16.08	16.12	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL. 20g.		
506		16.28	16.38	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	CL. 20g.		
601		12.38	12.47	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	CL. 20g.		
602		11.07	11.13	✓	✓	✓	✓	1.6	7.2	✓	✓	✓	CL. 20g.		
603		10.27	10.37	✓	✓	✓	✓	1.6	7.2	✓	✓	✓	CL. 10g.		
604		14.17	14.28	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL. 20g.		
605		14.06	14.14	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	CL. 40g.		
606		13.02	13.14	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	CL. 20g.		
น้ําดก B1															
Skyline															

10g.

1m

งานช่างสระว่ายน้ำ (ห้องพัก Villas & น้ําดก B1)

16/12/67.

Room	วันที่	เวลาเริ่ม	เวลาเสร็จ	ดีกไม่	ดูท่อท่อน	ค่ารวม สระ	วัดสระ	ค่า CL	ค่า PH	เปิดปั๊มกรอง	เปิดปั๊มจาก ทุก	Timer & Control	เติมเคมี	ผู้ทำ	หมายเหตุ
101		0914	0924	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 20 g	} ฟ้า/จ	
102		1402	1412	✓	✓	✓	✓	1.5	7.2	✓	✓	✓			
201		1212	1222	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 20 g		
202		0940	0950	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 20 g		
203		1050	1102	✓	✓	✓	✓	1.5	7.2	✓	✓	✓			
301		1037	1047	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 20 g		
302		1310	1320	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 20 g		
303		1550	1601	✓	✓	✓	✓	1.5	7.2	✓	✓	✓			
304		1604	1614	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 20 g		
401		17.06	17.16	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 10 g		
402		16.26	16.46	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10 g		
403		10.00	10.15	✓	✓	✓	✓	1.0	7.2	✓	✓	✓			
404		09.46	10.00	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10 g		
405	001	09.00	19.00	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10 g		
501		11.05	12.10	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10 g		
502		16.35	16.45	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10 g		
503		15.05	16.20	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10 g		
504		10.20	10.40	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10 g		
505		1434	1449	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 20 g	} ฟ้า/จ	
506		1334	1354	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 20 g		
601		1105	1122	✓	✓	✓	✓	1.6	7.2	✓	✓	✓	CL 20 g		
602		1722	1731	✓	✓	✓	✓	1.6	7.2	✓	✓	✓			
603		1645	1658	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	CL 20 g		
604		0943	0957	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	CL 20 g		
605		1601	1621	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10 g		
606		1707	1719	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10 g		
น้ําดก B1															
Skyline		0850	0908	✓	✓	✓	✓								

ฟ้า/จ
ฟ้า/จ

งานช่างสระว่ายน้ำ (ห้องพัก Villas & บัณฑิต B1)

Room	วันที่	เวลาเริ่ม	เวลาเสร็จ	ส่งใบไม่	ผู้ดูแลระบบ	ค่าความ สะอาดของ ถัง	ข้อควร	ค่า CL	ค่า PH	เปิดปิดการอง	เปิดรับจาก ภายนอก	Timer & Control	เดินเคมี	ผู้เข้าเช็ค	หมายเหตุ
101		1246	1256	/	/	/	/	1.5	7.2	/	/	/			
102		0912	0922	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
201		1008	1018	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
202		DND	-	/	/	/	/	-	-	/	/	/			
203		1002	1112	/	/	/	/	1.5	7.2	/	/	/			
301	NO Need	-	-	/	/	/	/	-	-	/	/	/			
302		0924	0933	/	/	/	/	1.5	7.2	/	/	/			
303	NO Need	-	-	/	/	/	/	-	-	/	/	/			
304		0933	0942	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
401		1342	1352	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
402	DND	-	-	/	/	/	/	-	-	/	/	/			
403	/	1701	1711	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
404	/	1630	1640	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
405		0942	0952	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
501		1023	1032	/	/	/	/	1.5	7.2	/	/	/	CL 20g		
502		1154	1210	/	/	/	/	1.5	7.2	/	/	/	CL 20g		
503		1313	1322	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
504		1554	1610	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
505		0953	1003	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
506		0953	1010	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
601		1357	1410	/	/	/	/	1.0	7.2	/	/	/	CL 20g		
602		1135	1148	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
603		1117	1127	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
604		1921	1932	/	/	/	/	1.0	7.2	/	/	/	CL 20g		
605		1618	1637	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
606	DND	1300	1320	/	/	/	/	1.0	7.2	/	/	/	CL 20g		

19/12/07.

งานช่างสรวายน้ำ (ห้องพัก Villas & น้ําดก B1)

[illegible]

งานช่างสระว่ายน้ำ (ห้องพัก Villas & น้ําดก B1)

[illegible]

21/12/67

งานช่างสระว่ายน้ำ (ห้องพัก Villas & น้ําดก B1)

[illegible]

22/12/07

งานช่างสรว่ายน้ำ (ห้องพัก Villas & น้ําดก B1)

Room	วันที่	เวลาเริ่ม	เวลาเสร็จ	ตัดไฟไม่	ตัดตะกอน	ค่าความสะอาดของสระ	ชุดสระ	ค่า CL	ค่า PH	เช็ดบึงกรอง	เช็ดบึงจากุ้ง	Timer & Control	เติมเคมี	ผู้เข้าเช็ค	หมายเหตุ
101	001	-	-	-	-	-	-	-	-	-	-	-	-		
102		0919	0929	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
201		1048	1058	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
202		1015	1025	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
203		1025	1034	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
301		1546	1556	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
302		1141	1151	/	/	/	/	1.5	7.2	/	/	/			
303		1419	1429	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
304		0948	0958	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
401		0935	0945	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
402		1735	1745	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
403		1701	1711	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
404		1639	1649	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
405		1248	1258	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
501		1221	1231	/	/	/	/	1.0	7.2	/	/	/	CL 10g		
502		1352	1410	/	/	/	/	0.6	7.2	/	/	/	CL 20g		
503		1556	1618	/	/	/	/	0.6	7.2	/	/	/	CL 20g		
504	PND	0900	10100	-	-	-	-	-	-	-	-	-	-		
505		1210	1220	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
506		1605	1618	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
601		1711	1720	/	/	/	/	1.0	7.2	/	/	/	CL 20g		
602		1339	1335	/	/	/	/	2.0	7.2	/	/	/	CL 20g		
603		0742	0759	/	/	/	/	0.6	7.2	/	/	/	CL 10g		
604		1109	1115	/	/	/	/	0.6	7.2	/	/	/	CL 20g		
605		1710	1720	/	/	/	/	0.6	7.2	/	/	/	CL 20g		
606	DND	0700	1700	-	-	-	-	-	-	-	-	-	-		
น้ําดก B1															
Skyline															

- 604 1 คืน
- 605 1 คืน

งานช่างสระวาน้ำ (ห้องพัก Villas & บ้าน B1)

23/12/07

Room	Unit	เวลาเริ่ม	เวลาเสร็จ	ช่าง/ทีม	อุปกรณ์	รายการ ซ่อมแซม	วัสดุ	ค่า CL	ค่า PM	หมายเหตุ	ช่าง/ทีม	Timer & Control	เวลา	ผู้บันทึก	วันที่
101	001	-	-	✓	✓	✓	✓	-	-	-	✓	✓	-		
102		1645	1655	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
201		1710	1720	/	/	/	/	0.5	7.2	/	/	/	CL 26g		
202		1733	1743	/	/	/	/	0.5	7.2	/	✓	/	CL 20g		
203		1729	1739	/	/	/	/	0.5	7.2	/	/	/	CL 26g		
301		1850	1907	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
302		1733	1743	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
303	NO NEED	-	-	-	-	-	-	-	-	-	-	-	-		
304		1022	1032	/	/	/	/	1.5	7.2	/	/	/	-		
401		1032	1042	/	/	/	/	0.5	7.2	/	/	✓	CL 20g		
402		1335	1345	/	/	/	/	0.5	7.2	/	/	✓	CL 20g		
403		1423	1433	/	/	/	/	1.5	7.2	✓	/	/	-		
404		1616	1626	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
405		1350	1401	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
501		1137	1158	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 40g		
502		1724	1734	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	CL 20g		
503	NON-Ed	0900	1900	✓	✓	✓	✓	-	-	-	-	-	-		
504		1700	1714	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 40g		
505		1123	1135	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 40g		
506		1643	1659	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 40g		
601		1357	1410	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	CL 40g		
602		1610	1620	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	CL 20g		
603		1005	1015	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 20g		
604		1614	1622	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	CL 20g		
605	DNV	0900	1900	✓	✓	✓	✓	-	-	-	-	-	-		
606		1604	1621	/	/	/	/	0.5	7.2	✓	✓	✓	CL 20g		
บ้าน B1		0912	0921	✓	✓	✓	✓	-	-	-	-	-	-		
Skyline		0850	0910	✓	✓	✓	✓	-	-	-	-	-	-		

รวม

17

งานช่างระหว่างวัน (ห้องพัก Villas & บ้าน B1)

24/12/2024

Room	วันที่	เวลาเริ่ม	เวลาเสร็จ	ช่าง	ช่าง	ช่าง	ช่าง	ช่าง	ช่าง	ช่าง	ช่าง	ช่าง	ช่าง	ช่าง	ช่าง
101	001	→	→	→	→	→	→	→	→	→	→	→	→	→	→
102	1215	1225	→	→	→	→	→	1.5	7.2	→	→	→	→	→	→
201	1143	1153	→	→	→	→	→	0.5	7.2	→	→	→	→	→	→
202	DND	→	→	→	→	→	→	→	→	→	→	→	→	→	→
203	1312	1322	→	→	→	→	→	0.5	7.2	→	→	→	→	→	→
301	1340	1350	→	→	→	→	→	0.5	7.2	→	→	→	→	→	→
302	1108	1118	→	→	→	→	→	0.5	7.2	→	→	→	→	→	→
303	0944	0954	→	→	→	→	→	0.5	7.2	→	→	→	→	→	→
304	1031	1041	→	→	→	→	→	0.5	7.2	→	→	→	→	→	→
401	11.16	11.30	✓	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	✓	✓	✓
402	11.16	11.30	✓	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	✓	✓	✓
403	16.00	17.00	✓	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	✓	✓	✓
404	17.00	18.00	✓	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	✓	✓	✓
405	0956	1006	✓	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	✓	✓	✓
501	14.00	14.10	✓	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	✓	✓	✓
502	14.40	14.50	✓	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	✓	✓	✓
503	15.20	16.30	✓	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	✓	✓	✓
504	14.24	14.36	✓	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	✓	✓	✓
505	16.20	16.30	✓	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	✓	✓	✓
506	11.29	11.34	✓	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	✓	✓	✓
501	17.00	17.19	✓	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	✓	✓	✓
502	16.35	16.42	✓	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	✓	✓	✓
503	12.04	12.15	✓	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	✓	✓	✓
504	11.17	11.24	✓	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	✓	✓	✓
505	17.10	17.10	✓	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	✓	✓	✓
506	12.47	12.59	✓	✓	✓	✓	✓	7.0	7.2	✓	✓	✓	✓	✓	✓
บ้าน B1	09.00	09.00													
Skyline															

รวม

รวม

25/12/87

งานช่างสรวายน้ำ (ห้องพัก Villas & น้ตก B1)

Room	วันที่	เวลาเริ่ม	เวลาเสร็จ	ช่างรับ	คุณภาพงาน	พักรวม และเวลา รอ	ช่างรับ	ค่า CL	ค่า PH	วัสดุ/ค่าแรง	วัสดุ/ค่าแรง	Timer & Control	หมายเหตุ	ช่างรับ	พักรวม
101	001	09.00	19.00	-	-	-	-	-	-	-	-	-	-	-	-
102		13.50	14.00	-	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 10 g		
201		16.20	16.30	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 10 g		
202		10.30	10.40	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 10 g		
203		15.40	15.50	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 10 g		
301		10.20	10.30	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 10 g		
302		11.30	11.40	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 10 g		
303		15.10	15.20	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 10 g		
304		13.20	13.30	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 10 g		
401		09.30	09.40	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 10 g		
402	DND	09.00	19.00	-	-	-	-	-	-	-	-	-	-		
403		11.20	11.30	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 10 g		
404		14.00	14.10	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 10 g		
405		09.10	09.30	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 10 g		
501		10.24	10.32	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	CL 10 g		
502		15.39	15.49	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	CL 10 g		
503		13.06	13.18	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 10 g		
504	None/	-	-	-	-	-	-	-	-	-	-	-	-		
505		15.07	15.12	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	CL 10 g		
506		14.55	15.00	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 10 g		
501	DND	16.16	19.00	-	-	-	-	-	-	-	-	-	-		
502	1	10.16	10.30	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 10 g		
503		11.00	11.12	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	CL 10 g		
504		15.53	16.02	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 10 g		
505		13.25	13.32	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 10 g		
506	DND	16.59	19.00	-	-	-	-	-	-	-	-	-	-		
น้ตก B1															
Skyline															

low

7/11

งานช่างสะพานน้ำ (ห้องพัก Villas & น้ําดก B1)

[illegible]

27/12/67

งานช่างสรวายน้ำ (ห้องพัก Villas & นาค B1)

Room	วันที่	เวลาเริ่ม	เวลาเสร็จ	สถานะ	อุปกรณ์	ช่าง	วัสดุ	ค่า CL	ค่า PH	เครื่องวัด	เครื่องวัด	Timer & Control	หมายเหตุ	ช่าง	วันที่
101	001														
102		12.32	12.42	✓	✓	✓	✓	0.8	7.2	✓	✓	✓	CL 20 g		
201		09.14	09.24	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	CL 20 g		
202		14.05	14.45	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 20 g		
203		11.30	11.40	✓	✓	✓	✓	0.3	7.2	✓	✓	✓	CL 20 g		
301		10.12	10.22	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	CL 20 g		
302		12.08	12.18	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 20 g		
303		14.05	15.08	✓	✓	✓	✓	0.3	7.2	✓	✓	✓	CL 20 g		
304		13.06	13.16	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 20 g		
401		09.38	09.48	✓	✓	✓	✓	1.5	7.2	✓	✓	✓	CL 20 g		
402		09.50	10.02	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	CL 20 g		
403		15.33	15.43	✓	✓	✓	✓	1.0	7.2	✓	✓	✓	CL 20 g		
404		16.03	16.13	✓	✓	✓	✓	0.3	7.2	✓	✓	✓	CL 20 g		
405		10.03	10.12	✓	✓	✓	✓	0.5	7.2	✓	✓	✓	CL 20 g		
501		14.15	14.25	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10 g		
502		17.25	17.25	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10 g		
503		14.45	14.55	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10 g		
504		14.05	14.15	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10 g		
505		15.40	15.50	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10 g		
506		10.20	10.40	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10 g		
601		12.00	13.00	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10 g		
602		12.20	12.30	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10 g		
603		13.05	13.15	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10 g		
604		15.10	15.20	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10 g		
605		17.25	17.40	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10 g		
606		16.10	16.20	✓	✓	✓	✓	0.6	7.2	✓	✓	✓	CL 10 g		
นาค B1															
Skyline															

ฟรี

ฟรี

28/12/67

งานช่างสรวายน้ำ (ห้องพัก Villas & บ้าน B1)

Room	Unit	Water In	Water Out	Water In	Water Out	Water In	Water Out	Water In	Water Out	Water In	Water Out	Water In	Water Out	Water In	Water Out
101	001	-	-	-	-	-	-	-	-	-	-	-	-	-	-
102		0929	0934	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
201		1350	1402	/	/	/	/	1.5	7.2	/	/	/	CL 20g		
202		1202	1212	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
203		0910	0920	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
301		1015	1025	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
302		0955	1006	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
303		1507	1512	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
304		1033	1043	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
401	1837	1837	1847	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
402	NO NEED	-	-	-	-	-	-	-	-	-	-	-	-		
403		1600	1610	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
404		1330	1340	/	/	/	/	0.5	7.2	/	/	/	CL 20g		
405	DND	-	-	-	-	-	-	-	-	-	-	-	-		
501		1200	1220	/	/	/	/	0.5	7.2	/	/	/	CL 10g		
502		1708	1718	/	/	/	/	0.5	7.2	/	/	/	CL 10g		
503	No Need	0900	0900	/	/	/	/	0.5	7.2	/	/	/	CL 10g		
504		16.30	16.40	/	/	/	/	0.5	7.2	/	/	/	CL 10g		
505		14.00	15.00	/	/	/	/	0.5	7.2	/	/	/	CL 10g		
506		09.30	09.40	/	/	/	/	0.5	7.2	/	/	/	CL 10g		
501		17.10	17.20	/	/	/	/	0.5	7.2	/	/	/	CL 10g		
502		14.10	14.20	/	/	/	/	0.5	7.2	/	/	/	CL 10g		
503		-	-	-	-	-	-	-	-	-	-	-	-		
504		10.00	11.00	/	/	/	/	0.5	7.2	/	/	/	CL 10g		
505		12.00	13.10	/	/	/	/	0.5	7.2	/	/	/	CL 10g		
506		13.40	13.50	/	/	/	/	0.5	7.2	/	/	/	CL 10g		
บ้าน B1															
Skyline															

103g

10g

งานช่างสรว่ายน้ำ (ห้องพัก Villas & น้ำตก B1)

[illegible]

30/12/2021

งานช่างตรวจวัด (ห้องพัก Villas & บ้าน B1)

Room	วันที่	เวลาเริ่ม	เวลาเสร็จ	ช่างไฟฟ้า	ช่างประปา	ช่างแอร์	ช่างสุขาภิบาล	ช่างสุขาภิบาล	ช่างสุขาภิบาล	ช่างสุขาภิบาล	ช่างสุขาภิบาล	ช่างสุขาภิบาล	ช่างสุขาภิบาล	ช่างสุขาภิบาล	ช่างสุขาภิบาล
101	001	-	-	/	/	/	/	/	/	/	/	/	/	/	/
102		1736	1736	/	/	/	/	/	/	/	/	/	/	/	/
201		1044	1054	/	/	/	/	/	/	/	/	/	/	/	/
202		1103	1113	/	/	/	/	/	/	/	/	/	/	/	/
203		1421	1431	/	/	/	/	/	/	/	/	/	/	/	/
301		1808	1815	/	/	/	/	/	/	/	/	/	/	/	/
302		1646	1650	/	/	/	/	/	/	/	/	/	/	/	/
303		1525	1535	/	/	/	/	/	/	/	/	/	/	/	/
304		1030	1040	/	/	/	/	/	/	/	/	/	/	/	/
401		1848	1856	/	/	/	/	/	/	/	/	/	/	/	/
402		0930	0946	/	/	/	/	/	/	/	/	/	/	/	/
403		1312	1322	/	/	/	/	/	/	/	/	/	/	/	/
404		1741	1751	/	/	/	/	/	/	/	/	/	/	/	/
405		0948	0958	/	/	/	/	/	/	/	/	/	/	/	/
501		1430	1439	/	/	/	/	/	/	/	/	/	/	/	/
502		1157	1210	/	/	/	/	/	/	/	/	/	/	/	/
503	None	0900	0900	/	/	/	/	/	/	/	/	/	/	/	/
504		1637	1649	/	/	/	/	/	/	/	/	/	/	/	/
505		1610	1619	/	/	/	/	/	/	/	/	/	/	/	/
506		1709	1715	/	/	/	/	/	/	/	/	/	/	/	/
601		1032	1049	/	/	/	/	/	/	/	/	/	/	/	/
602		1614	1640	/	/	/	/	/	/	/	/	/	/	/	/
603		1205	1213	/	/	/	/	/	/	/	/	/	/	/	/
604		1250	1301	/	/	/	/	/	/	/	/	/	/	/	/
605		1805	1812	/	/	/	/	/	/	/	/	/	/	/	/
606		1438	1449	/	/	/	/	/	/	/	/	/	/	/	/
บ้าน B1															
Skyline		0830	0920	/	/	/	/	/	/	/	/	/	/	/	/

15

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[illegible]

เอกสารแนบที่ 14

ผลการวิเคราะห์คุณภาพสิ่งแวดล้อม

ผลการตรวจวัดคุณภาพอากาศในบรรยากาศ



Analysis / Test Report

TESTING
No.0009

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ชวงศ์ดำเนินการ

Project Location :

Lot ID: 2420963

Date Received : Mar 19, 2024

Date Reported : Mar 26, 2024

Report Number : 2917718-1

Page 1 of 1

Sample Number 2420963-1
Sampled Date Mar 15, 2024
Sample Description Air Quality
Location บริเวณพื้นที่โครงการ (GPS 47N 423234, 871984)
Date Analysis Commenced Mar 20, 2024
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure 758 mmHg
Atmospheric Temperature 32.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	15/03/24 - 16/03/24	mg/m3	-	0.005	0.034	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	15/03/24 - 16/03/24	mg/m3	-	0.005	0.053	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 : Tana Supapan

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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Approved by

Orawan R.

Orawan Rakyong
Scientist (3)

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Analysis / Test Report

TESTING
No.0009

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ชวงศ์ดำเนินการ

Project Location :

Lot ID: 24104859

Date Received : Sep 26, 2024

Date Reported : Oct 03, 2024

Report Number : 3107104-1

Page 1 of 1

Sample Number	24104859-1
Sampled Date	Sep 24, 2024
Sample Description	Air Quality
Location	บริเวณพื้นที่โครงการ (GPS 47N 423234, 871984)
Date Analysis Commenced	Sep 27, 2024
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	755 mmHg
Atmospheric Temperature	29.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	24/09/24 - 25/09/24	mg/m3	-	0.005	0.014	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	24/09/24 - 25/09/24	mg/m3	-	0.005	0.026	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)
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Approved by

Orawan R.

Orawan Rakyong
Scientist (3)

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ผลการวิเคราะห์คุณภาพน้ำทิ้ง



Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

Lot ID: 2412046

Date Received : Feb 01, 2024

Date Reported : Feb 07, 2024

Report Number : 2898733-1

Page 1 of 6

Sample Number	2412046-1						
Sampled Date	Jan 31, 2024 9:55 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งหลังออกจากระบบบำบัด ดัก B1 (GPS: 47N 423286 871996)						
Date Analysis Commenced	Feb 01, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	41.1	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	6	≤20	In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.3	5.0-9.0	In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	<0.1	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	4.4	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Songkhla
Total Dissolved Solids Dried at 103-105 degree C *	mg/L	-	5	284	(1)	In-house method : STM 04-010 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	70.3	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	38	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Songkhla

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

Lot ID: 2412046

Date Received : Feb 01, 2024

Date Reported : Feb 07, 2024

Report Number : 2898733-1

Page 2 of 6

Guideline : Notification of Ministry of Natural Resources and Environment November,7 ,B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type B.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

Sampling By : Thaksin Aintrom

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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

Lot ID: 2412046

Date Received : Feb 01, 2024

Date Reported : Feb 07, 2024

Report Number : 2898733-1

Page 3 of 6

Sample Number	2412046-2						
Sampled Date	Jan 31, 2024 10:15 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งหลังออกจากระบบบำบัด ดัก B2 (GPS: 47N 423263 871942)						
Date Analysis Commenced	Feb 01, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	12.7	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	3	≤20	In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.4	5.0-9.0	In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	<0.1	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	1.4	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Songkhla
Total Dissolved Solids Dried at 103-105 degree C *	mg/L	-	5	192	(1)	In-house method : STM 04-010 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	10.2	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	17	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Songkhla

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

Lot ID: 2412046

Date Received : Feb 01, 2024

Date Reported : Feb 07, 2024

Report Number : 2898733-1

Page 4 of 6

Guideline : Notification of Ministry of Natural Resources and Environment November,7 ,B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type B.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

Sampling By : Thaksin Aintrom

Remark :

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

Chompoonuch Funtha
Supervisor

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TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

Lot ID: 2412046

Date Received : Feb 01, 2024

Date Reported : Feb 07, 2024

Report Number : 2898733-1

Page 5 of 6

Sample Number	2412046-3
Sampled Date	Jan 31, 2024 9:50 AM
Sample Description	Consumption Water
Location	น้ำใช้ในโครงการ น้ำใช้ตึกB1 ข้างเดอะเลจ (GPS: 47N 423285 872005)
Date Analysis Commenced	Feb 01, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	147	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Sampling By : Thaksin Aintrom

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2419473

Date Received : Feb 22, 2024

Date Reported : Feb 29, 2024

Report Number : 2915448-1

Page 1 of 6

Sample Number	2419473-1						
Sampled Date	Feb 21, 2024 10:15 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งหลังออกจากระบบบำบัด ดัก B1 (GPS: 47N 423286 871996)						
Date Analysis Commenced	Feb 22, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	59.9	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	4	≤20	In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.7	5.0-9.0	In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	0.1	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	1.4	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Songkhla
Total Dissolved Solids Dried at 103-105 degree C *	mg/L	-	5	376	(1)	In-house method : STM 04-010 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	70.6	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	71	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Songkhla

Approved by

Tuanjai Thangklang
Manager

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

Lot ID: 2419473

Date Received : Feb 22, 2024

Date Reported : Feb 29, 2024

Report Number : 2915448-1

Page 2 of 6

Guideline : Notification of Ministry of Natural Resources and Environment November,7 ,B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type B.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

Note : สารที่ละลายได้ทั้งหมดในน้ำใช้ = 154 มิลลิกรัมต่อลิตร

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Approved by

Tuanjai Thangklang
Manager

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2419473

Date Received : Feb 22, 2024

Date Reported : Feb 29, 2024

Report Number : 2915448-1

Page 3 of 6

Sample Number	2419473-2						
Sampled Date	Feb 21, 2024 10:32 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งหลังออกจากระบบบำบัด ดัก B2 (GPS: 47N 423263 871942)						
Date Analysis Commenced	Feb 22, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	45.4	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	4	≤20	In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.5	5.0-9.0	In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	<0.1	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	2.2	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Songkhla
Total Dissolved Solids Dried at 103-105 degree C *	mg/L	-	5	280	(1)	In-house method : STM 04-010 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	36.8	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	24	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Songkhla

Approved by

Tuanjai Thangklang
Manager

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

Lot ID: 2419473

Date Received : Feb 22, 2024

Date Reported : Feb 29, 2024

Report Number : 2915448-1

Page 4 of 6

Guideline : Notification of Ministry of Natural Resources and Environment November,7 ,B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type B.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

Note : สารที่ละลายได้ทั้งหมดในน้ำใช้ = 154 มิลลิกรัมต่อลิตร

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

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.
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Approved by

Tuanjai Thangklang
Manager

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2419473

Date Received : Feb 22, 2024

Date Reported : Feb 29, 2024

Report Number : 2915448-1

Page 5 of 6

Sample Number	2419473-3
Sampled Date	Feb 21, 2024 9:50 AM
Sample Description	Consumption Water
Location	น้ำใช้ในโครงการ น้ำใช้ตึกB1 ข้างเดอะเลจัน (GPS: 47N 423285 872005)
Date Analysis Commenced	Feb 23, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	154	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Approved by

Tuanjai Thangklang
Manager

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2419560

Date Received : Mar 23, 2024

Date Reported : Apr 09, 2024

Report Number : 2915552-1

Page 4 of 13

Sample Number	2419560-2
Sampled Date	Mar 22, 2024 10:59 AM
Sample Description	Wastewater
Location	น้ำทิ้งหลังออกจากระบบบำบัด ดัก B1 (GPS: 47N 423286 871996)
Date Analysis Commenced	Mar 23, 2024
Condition of Sample	Contained in four amber glass bottles, one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	61.5	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	4	≤20	In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.9	5.0-9.0	In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	0.1	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	1.4	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Songkhla
Total Dissolved Solids Dried at 103-105 degree C *	mg/L	-	5	320	(1)	In-house method : STM 04-010 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	63.8	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	79	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Songkhla

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

Lot ID: 2419560

Date Received : Mar 23, 2024

Date Reported : Apr 09, 2024

Report Number : 2915552-1

Page 5 of 13

Guideline : Notification of Ministry of Natural Resources and Environment November,7 ,B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type B.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

Note : สารที่ละลายได้ทั้งหมดในน้ำใช้ = 157 มิลลิกรัมต่อลิตร

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2419560

Date Received : Mar 23, 2024

Date Reported : Apr 09, 2024

Report Number : 2915552-1

Page 6 of 13

Sample Number	2419560-3
Sampled Date	Mar 22, 2024 11:15 AM
Sample Description	Wastewater
Location	น้ำทิ้งหลังออกจากระบบบำบัด ดัก B2 (GPS: 47N 423263 871958)
Date Analysis Commenced	Mar 23, 2024
Condition of Sample	Contained in four amber glass bottles, one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	2076	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	128	≤20	In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.2	5.0-9.0	In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	35.0	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	7.2	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Songkhla
Total Dissolved Solids Dried at 103-105 degree C *	mg/L	-	5	468	(1)	In-house method : STM 04-010 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	130	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	3032	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Songkhla

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

Lot ID: 2419560

Date Received : Mar 23, 2024

Date Reported : Apr 09, 2024

Report Number : 2915552-1

Page 7 of 13

Guideline : Notification of Ministry of Natural Resources and Environment November,7 ,B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type B.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

Note : สารที่ละลายได้ทั้งหมดในน้ำใช้ = 157 มิลลิกรัมต่อลิตร

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

Ananta Boonphet
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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2419560

Date Received : Mar 23, 2024

Date Reported : Apr 09, 2024

Report Number : 2915552-1

Page 8 of 13

Sample Number	2419560-4
Sampled Date	Mar 22, 2024 10:15 AM
Sample Description	Consumption Water
Location	น้ำใช้ในโครงการ น้ำใช้ตึกB1 ข้างเดอะเลาจ์ (GPS: 47N 423285 872005)
Date Analysis Commenced	Mar 25, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	157	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2431114

Date Received : Apr 23, 2024

Date Reported : Apr 29, 2024

Report Number : 2976733-1

Page 1 of 2

Sample Number	2431114-1
Sampled Date	Apr 22, 2024 10:15 AM
Sample Description	Wastewater
Location	น้ำทิ้งหลังออกจากระบบบำบัด ดัก B1 (GPS: 47N 423286 871996)
Date Analysis Commenced	Apr 23, 2024
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	78.9	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	5	≤20	In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.7	5.0-9.0	In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	0.1	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	1.0	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Songkhla
Total Dissolved Solids Dried at 103-105 degree C *	mg/L	-	5	324	(1)	In-house method : STM 04-010 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	70.5	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	86	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Songkhla

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

Lot ID: 2431114

Date Received : Apr 23, 2024

Date Reported : Apr 29, 2024

Report Number : 2976733-1

Page 2 of 2

Guideline : Notification of Ministry of Natural Resources and Environment November,7 ,B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type B.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

Note : สารที่ละลายได้ทั้งหมดในน้ำใช้ = 176 มิลลิกรัมต่อลิตร

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2431114

Date Received : Apr 23, 2024

Date Reported : Apr 29, 2024

Report Number : 2976734-1

Page 1 of 2

Sample Number	2431114-2						
Sampled Date	Apr 22, 2024 11:00 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งหลังออกจากระบบบำบัด ดัก B2 (GPS: 47N 423263 871958)						
Date Analysis Commenced	Apr 23, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	385	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	50	≤20	In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Songkhla
pH at 25 degree C		-	-	6.9	5.0-9.0	In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	<0.1	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	1.8	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Songkhla
Total Dissolved Solids Dried at 103-105 degree C *	mg/L	-	5	456	(1)	In-house method : STM 04-010 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	51.5	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	166	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Songkhla

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

Lot ID: 2431114

Date Received : Apr 23, 2024

Date Reported : Apr 29, 2024

Report Number : 2976734-1

Page 2 of 2

Guideline : Notification of Ministry of Natural Resources and Environment November,7 ,B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type B.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

Note : สารที่ละลายได้ทั้งหมดในน้ำใช้ = 176 มิลลิกรัมต่อลิตร

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2431114

Date Received : Apr 23, 2024

Date Reported : Apr 29, 2024

Report Number : 2976735-1

Page 1 of 1

Sample Number	2431114-3
Sampled Date	Apr 22, 2024 10:25 AM
Sample Description	Consumption Water
Location	น้ำใช้ในโครงการ Bestment อาคารB1 (GPS: 47N 423259 871979)
Date Analysis Commenced	Apr 23, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	176	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2441200

Date Received : May 29, 2024

Date Reported : Jun 04, 2024

Report Number : 3012232-1

Page 1 of 2

Sample Number	2441200-1
Sampled Date	May 28, 2024 1:12 PM
Sample Description	Wastewater
Location	น้ำทิ้งหลังออกจากระบบบำบัด ดัก B1 (GPS: 47N 423286 871996)
Date Analysis Commenced	May 29, 2024
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	17.0	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	4	≤20	In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.9	5.0-9.0	In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	<0.1	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	0.8	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Songkhla
Total Dissolved Solids Dried at 103-105 degree C *	mg/L	-	5	308	(1)	In-house method : STM 04-010 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	46.6	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	39	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Songkhla

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

Lot ID: 2441200

Date Received : May 29, 2024

Date Reported : Jun 04, 2024

Report Number : 3012232-1

Page 2 of 2

Guideline : Notification of Ministry of Natural Resources and Environment November,7 ,B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type B.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

Note : สารที่ละลายได้ทั้งหมดในน้ำใช้ = 180 มิลลิกรัมต่อลิตร

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2441200

Date Received : May 29, 2024

Date Reported : Jun 04, 2024

Report Number : 3012233-1

Page 1 of 2

Sample Number	2441200-2						
Sampled Date	May 28, 2024 1:23 PM						
Sample Description	Wastewater						
Location	น้ำทิ้งหลังออกจากระบบบำบัด ดัก B2 (GPS: 47N 423263 871958)						
Date Analysis Commenced	May 29, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	101	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	14	≤20	In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.1	5.0-9.0	In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	0.4	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	1.2	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Songkhla
Total Dissolved Solids Dried at 103-105 degree C *	mg/L	-	5	320	(1)	In-house method : STM 04-010 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	22.2	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	88	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Songkhla

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

Lot ID: 2441200

Date Received : May 29, 2024

Date Reported : Jun 04, 2024

Report Number : 3012233-1

Page 2 of 2

Guideline : Notification of Ministry of Natural Resources and Environment November,7 ,B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type B.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

Note : สารที่ละลายได้ทั้งหมดในน้ำใช้ = 180 มิลลิกรัมต่อลิตร

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2441200

Date Received : May 29, 2024

Date Reported : Jun 04, 2024

Report Number : 3012234-1

Page 1 of 1

Sample Number	2441200-3
Sampled Date	May 28, 2024 1:30 PM
Sample Description	Consumption Water
Location	น้ำใช้ในโครงการ ก่อสร้างห้องพักขยะ (GPS: 47N 423272 871929)
Date Analysis Commenced	May 29, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	180	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2479729

Date Received : Jul 26, 2024

Date Reported : Aug 02, 2024

Report Number : 3070937-1

Page 1 of 2

Sample Number	2479729-1						
Sampled Date	Jul 25, 2024 1:40 PM						
Sample Description	Wastewater						
Location	น้ำทิ้งหลังออกจากระบบบำบัด ดัก B1 (GPS: 47N 423286 871996)						
Date Analysis Commenced	Jul 26, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	18.8	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	<3	≤20	In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.7	5.0-9.0	In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	<0.1	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	0.8	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Songkhla
Total Dissolved Solids Dried at 103-105 degree C *	mg/L	-	5	348	(1)	In-house method : STM 04-010 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	63.0	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	49	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Songkhla

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

Lot ID: 2479729

Date Received : Jul 26, 2024

Date Reported : Aug 02, 2024

Report Number : 3070937-1

Page 2 of 2

Guideline : Notification of Ministry of Natural Resources and Environment November,7 ,B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type B.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

Sampling By : Thaksin Aintrom , Furakan Kasetka

Remark :

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Analysis / Test Report

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No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2479729

Date Received : Jul 26, 2024

Date Reported : Aug 02, 2024

Report Number : 3070938-1

Page 1 of 2

Sample Number	2479729-2						
Sampled Date	Jul 25, 2024 1:50 PM						
Sample Description	Wastewater						
Location	น้ำทิ้งหลังออกจากระบบบำบัด ดัก B2 (GPS: 47N 423263 871942)						
Date Analysis Commenced	Jul 26, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	<2.0	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	<3	≤20	In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.4	5.0-9.0	In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	<0.1	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	<0.5	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Songkhla
Total Dissolved Solids Dried at 103-105 degree C *	mg/L	-	5	264	(1)	In-house method : STM 04-010 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	<1.0	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	<5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Songkhla

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

Lot ID: 2479729

Date Received : Jul 26, 2024

Date Reported : Aug 02, 2024

Report Number : 3070938-1

Page 2 of 2

Guideline : Notification of Ministry of Natural Resources and Environment November,7 ,B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type B.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

Sampling By : Thaksin Aintrom , Furakan Kasetka

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.
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Approved by

Ananta B.

Ananta Boonphet
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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2479729

Date Received : Jul 26, 2024

Date Reported : Aug 02, 2024

Report Number : 3070939-1

Page 1 of 1

Sample Number	2479729-3
Sampled Date	Jul 25, 2024 1:30 PM
Sample Description	Consumption Water
Location	น้ำใช้ในโครงการ น้ำใช้ตึกB1 ข้างเดอะเลจ (GPS: 47N 423285 872005)
Date Analysis Commenced	Jul 29, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	220	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565
คลอรีนอิสระคงเหลือในระบบจ่ายน้ำประปา ไม่น้อยกว่า 0.2 mg/L

Sampling By : Thaksin Aintrom , Furakan Kasetka

Remark :

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

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2479730

Date Received : Jul 31, 2024

Date Reported : Aug 06, 2024

Report Number : 3075292-1

Page 1 of 2

Sample Number	2479730-1						
Sampled Date	Jul 30, 2024 1:35 PM						
Sample Description	Wastewater						
Location	น้ำทิ้งหลังออกจากระบบบำบัด ดัก B1 (GPS: 47N 423286 871996)						
Date Analysis Commenced	Jul 31, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	14.8	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	6	≤20	In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Songkhla
pH at 25 degree C		-	-	8.0	5.0-9.0	In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	<0.1	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	0.8	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Songkhla
Total Dissolved Solids Dried at 103-105 degree C *	mg/L	-	5	356	(1)	In-house method : STM 04-010 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	64.4	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	56	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Songkhla

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

Lot ID: 2479730

Date Received : Jul 31, 2024

Date Reported : Aug 06, 2024

Report Number : 3075292-1

Page 2 of 2

Guideline : Notification of Ministry of Natural Resources and Environment November,7 ,B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type B.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

Sampling By : Yuttapong Rattana , 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.
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No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2479730

Date Received : Jul 31, 2024

Date Reported : Aug 06, 2024

Report Number : 3075293-1

Page 1 of 2

Sample Number	2479730-2						
Sampled Date	Jul 30, 2024 1:30 PM						
Sample Description	Wastewater						
Location	น้ำทิ้งหลังออกจากระบบบำบัด ดัก B2 (GPS: 47N 423263 871958)						
Date Analysis Commenced	Jul 31, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	147	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	36	≤20	In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.2	5.0-9.0	In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	0.9	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	1.2	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Songkhla
Total Dissolved Solids Dried at 103-105 degree C *	mg/L	-	5	272	(1)	In-house method : STM 04-010 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	13.0	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	133	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Songkhla

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING

No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

Lot ID: 2479730

Date Received : Jul 31, 2024

Date Reported : Aug 06, 2024

Report Number : 3075293-1

Page 2 of 2

Guideline : Notification of Ministry of Natural Resources and Environment November,7 ,B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type B.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

Sampling By : Yuttapong Rattana , 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.
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TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2479730

Date Received : Jul 31, 2024

Date Reported : Aug 06, 2024

Report Number : 3075294-1

Page 1 of 1

Sample Number	2479730-3
Sampled Date	Jul 30, 2024 1:40 PM
Sample Description	Consumption Water
Location	น้ำใช้ในโครงการ จุดน้ำใช้ตึกB1 หน้าลิฟท์ (GPS: 47N 423291 871979)
Date Analysis Commenced	Aug 01, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	230	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565
คลอรีนอิสระคงเหลือในระบบจ่ายน้ำประปา ไม่น้อยกว่า 0.2 mg/L

Sampling By : Yuttapong Rattana , Yongsil Rangsee

Remark :

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No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2481408

Date Received : Aug 20, 2024

Date Reported : Aug 26, 2024

Report Number : 3093723-1

Page 1 of 2

Sample Number	2481408-2						
Sampled Date	Aug 19, 2024 1:50 PM						
Sample Description	Wastewater						
Location	น้ำทิ้งหลังออกจากระบบบำบัด ดัก B1 (GPS: 47N 423286 871996)						
Date Analysis Commenced	Aug 20, 2024						
Condition of Sample	Contained in one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	11.6	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	6	≤20	In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.6	5.0-9.0	In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	<0.1	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	0.6	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Songkhla
Total Dissolved Solids Dried at 103-105 degree C *	mg/L	-	5	316	(1)	In-house method : STM 04-010 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	48.0	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	40	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Songkhla

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

Lot ID: 2481408

Date Received : Aug 20, 2024

Date Reported : Aug 26, 2024

Report Number : 3093723-1

Page 2 of 2

Guideline : Notification of Ministry of Natural Resources and Environment November,7 ,B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type B.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

Sampling By : Sakkarin Panpheng

Remark :

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Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2481408

Date Received : Aug 20, 2024

Date Reported : Aug 26, 2024

Report Number : 3093724-1

Page 1 of 2

Sample Number	2481408-3
Sampled Date	Aug 19, 2024 2:00 PM
Sample Description	Wastewater
Location	น้ำทิ้งหลังออกจากระบบบำบัด ดัก B2 (GPS: 47N 423263 871958)
Date Analysis Commenced	Aug 20, 2024
Condition of Sample	Contained in one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	148	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	31	≤20	In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.4	5.0-9.0	In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	1.0	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	0.8	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Songkhla
Total Dissolved Solids Dried at 103-105 degree C *	mg/L	-	5	256	(1)	In-house method : STM 04-010 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	9.5	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	123	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Songkhla

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

Lot ID: 2481408

Date Received : Aug 20, 2024

Date Reported : Aug 26, 2024

Report Number : 3093724-1

Page 2 of 2

Guideline : Notification of Ministry of Natural Resources and Environment November,7 ,B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type B.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2481408

Date Received : Aug 20, 2024

Date Reported : Aug 26, 2024

Report Number : 3093725-1

Page 1 of 1

Sample Number	2481408-4
Sampled Date	Aug 19, 2024 1:40 PM
Sample Description	Consumption Water
Location	น้ำใช้ในโครงการ ห้องน้ำคนพิการ ตึกB1 (GPS: 47N 423305 871964)
Date Analysis Commenced	Aug 20, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	214	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565
คลอรีนอิสระคงเหลือในระบบจ่ายน้ำประปา ไม่น้อยกว่า 0.2 mg/L

Sampling By : Sakkarin Panpheng

Remark :

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Ananta B.

Ananta Boonphet
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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2494368

Date Received : Sep 10, 2024

Date Reported : Sep 19, 2024

Report Number : 3114143-1

Page 1 of 2

Sample Number	2494368-3						
Sampled Date	Sep 09, 2024 1:30 PM						
Sample Description	Wastewater						
Location	น้ำทิ้งหลังออกจากระบบบำบัด ดัก B1 (GPS: 47N 423286 871996)						
Date Analysis Commenced	Sep 10, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	17.0	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	<3	≤20	In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.7	5.5-9.0	In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	<0.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	0.6	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Songkhla
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	304	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	38.0	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	10	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Songkhla

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

Lot ID: 2494368

Date Received : Sep 10, 2024

Date Reported : Sep 19, 2024

Report Number : 3114143-1

Page 2 of 2

Guideline : Notification of Ministry of Natural Resources and Environment B.E. 2567 on Effluent Control Standard from Types and Sized of Buildings, Type B.

Note : สารที่ละลายได้ทั้งหมดในน้ำใช้ = 210 มิลลิกรัมต่อลิตร

Sampling By : Thaksin Aintrom , Furakan Kasetka

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2494368

Date Received : Sep 10, 2024

Date Reported : Sep 19, 2024

Report Number : 3114144-1

Page 1 of 2

Sample Number	2494368-4						
Sampled Date	Sep 09, 2024 1:50 PM						
Sample Description	Wastewater						
Location	น้ำทิ้งหลังออกจากระบบบำบัด ดัก B2 (GPS: 47N 423263 871958)						
Date Analysis Commenced	Sep 10, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	<2.0	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	<3	≤20	In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.7	5.5-9.0	In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	<0.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	<0.5	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Songkhla
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	204	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	<1.0	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	<5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Songkhla

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

Lot ID: 2494368

Date Received : Sep 10, 2024

Date Reported : Sep 19, 2024

Report Number : 3114144-1

Page 2 of 2

Guideline : Notification of Ministry of Natural Resources and Environment B.E. 2567 on Effluent Control Standard from Types and Sized of Buildings, Type B.

Note : สารที่ละลายได้ทั้งหมดในน้ำใช้ = 210 มิลลิกรัมต่อลิตร

Sampling By : Thaksin Aintrom , Furakan Kasetka

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2494368

Date Received : Sep 10, 2024

Date Reported : Sep 19, 2024

Report Number : 3114145-1

Page 1 of 1

Sample Number	2494368-5
Sampled Date	Sep 09, 2024 2:05 PM
Sample Description	Consumption Water
Location	น้ำใช้ในโครงการ Guest room No.3503 (GPS: 47N 423340 871960)
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	210	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565
คลอรีนอิสระคงเหลือในระบบจ่ายน้ำประปา ไม่น้อยกว่า 0.2 mg/L

Sampling By : Thaksin Aintrom , Furakan Kasetka

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Ananta B.

Ananta Boonphet
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Analysis / Test Report

TESTING

No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 24112454

Date Received : Oct 10, 2024

Date Reported : Oct 17, 2024

Report Number : 3140146-1

Page 1 of 2

Sample Number	24112454-2						
Sampled Date	Oct 09, 2024 1:30 PM						
Sample Description	Wastewater						
Location	น้ำทิ้งหลังออกจากระบบบำบัด ดัก B1 (GPS: 47N 423286 871996)						
Date Analysis Commenced	Oct 10, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	29.5	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	6	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	<0.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	0.6	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Songkhla
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	336	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	43.9	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	40	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Songkhla

Guideline : Notification of Ministry of Natural Resources and Environment B.E. 2567 on Effluent Control Standard from Types and Sized of Buildings, Type B.

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

TESTING

No.0166

Lot ID: 24112454

Date Received : Oct 10, 2024

Date Reported : Oct 17, 2024

Report Number : 3140146-1

Page 2 of 2

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

- LOD : Limit of Detection
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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 24112454

Date Received : Oct 10, 2024

Date Reported : Oct 17, 2024

Report Number : 3140147-1

Page 1 of 2

Sample Number	24112454-3						
Sampled Date	Oct 09, 2024 1:55 PM						
Sample Description	Wastewater						
Location	น้ำทิ้งหลังออกจากระบบบำบัด ดัก B2 (GPS: 47N 423263 871958)						
Date Analysis Commenced	Oct 10, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	38.1	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	3	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	<0.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	1.2	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Songkhla
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	264	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	12.4	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	30	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Songkhla

Guideline : Notification of Ministry of Natural Resources and Environment B.E. 2567 on Effluent Control Standard from Types and Sized of Buildings, Type B.

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

TESTING

No.0166

Lot ID: 24112454

Date Received : Oct 10, 2024

Date Reported : Oct 17, 2024

Report Number : 3140147-1

Page 2 of 2

Remark :

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

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 24112454

Date Received : Oct 10, 2024

Date Reported : Oct 17, 2024

Report Number : 3140148-1

Page 1 of 1

Sample Number	24112454-4
Sampled Date	Oct 09, 2024 1:15 PM
Sample Description	Consumption Water
Location	น้ำใช้ในโครงการ จุดน้ำใช้ตึกB1 หน้าลิฟต์ (GPS: 47N 423291 871979)
Date Analysis Commenced	Oct 11, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	214	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565
คลอรีนอิสระคงเหลือในระบบจ่ายน้ำประปา ไม่น้อยกว่า 0.2 mg/L

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 24118370

Date Received : Nov 19, 2024

Date Reported : Nov 25, 2024

Report Number : 3175247-1

Page 1 of 2

Sample Number	24118370-2
Sampled Date	Nov 18, 2024 1:10 PM
Sample Description	Wastewater
Location	น้ำทิ้งหลังออกจากระบบบำบัด ดัก B1 (GPS: 47N 423286 871996)
Date Analysis Commenced	Nov 19, 2024
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	55.8	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	12	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	<0.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	3.2	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Songkhla
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	376	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	64.9	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	37	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Songkhla

Guideline : Notification of Ministry of Natural Resources and Environment B.E. 2567 on Effluent Control Standard from Types and Sized of Buildings, Type B.

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

Lot ID: 24118370

Date Received : Nov 19, 2024

Date Reported : Nov 25, 2024

Report Number : 3175247-1

Page 2 of 2

Sampling By : Sakkarin Panpheng

Remark :

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 24118370

Date Received : Nov 19, 2024

Date Reported : Nov 25, 2024

Report Number : 3175248-1

Page 1 of 2

Sample Number	24118370-3						
Sampled Date	Nov 18, 2024 1:30 PM						
Sample Description	Wastewater						
Location	น้ำทิ้งหลังออกจากระบบบำบัด ดัก B2 (GPS: 47N 423263 871958)						
Date Analysis Commenced	Nov 19, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	87.2	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	28	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	0.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	1.8	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Songkhla
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	308	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	18.6	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	41	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Songkhla

Guideline : Notification of Ministry of Natural Resources and Environment B.E. 2567 on Effluent Control Standard from Types and Sized of Buildings, Type B.

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

Lot ID: 24118370

Date Received : Nov 19, 2024

Date Reported : Nov 25, 2024

Report Number : 3175248-1

Page 2 of 2

Sampling By : Sakkarin Panpheng

Remark :

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 24118370

Date Received : Nov 19, 2024

Date Reported : Nov 25, 2024

Report Number : 3175249-1

Page 1 of 1

Sample Number	24118370-4
Sampled Date	Nov 18, 2024 1:00 PM
Sample Description	Consumption Water
Location	น้ำใช้ในโครงการ จุดน้ำใช้ตึกB1 หน้าลิฟต์ (GPS: 47N 423291 871979)
Date Analysis Commenced	Nov 19, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	210	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565
คลอรีนอิสระคงเหลือในระบบจ่ายน้ำประปา ไม่น้อยกว่า 0.2 mg/L

Sampling By : Sakkarin Panpheng

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Analysis / Test Report

TESTING

No.0009

Lot ID: 24118371

Date Received : Dec 07, 2024

Date Reported : Dec 13, 2024

Report Number : 3192588-1

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Page 1 of 2

Sample Number	24118371-2						
Sampled Date	Dec 06, 2024 1:30 PM						
Sample Description	Wastewater						
Location	น้ำทิ้งหลังออกจากระบบบำบัด ดัก B1 (GPS: 47N 423286 871996)						
Date Analysis Commenced	Dec 07, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	53.8	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	12	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	<0.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	6.8	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Songkhla
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	272	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	62.8	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	31	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Songkhla

Guideline : Notification of Ministry of Natural Resources and Environment B.E. 2567 on Effluent Control Standard from Types and Sized of Buildings, Type B.

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

TESTING

No.0009

Lot ID: 24118371

Date Received : Dec 07, 2024

Date Reported : Dec 13, 2024

Report Number : 3192588-1

Page 2 of 2

Sampling By : Furakan Kasetka

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Analysis / Test Report

TESTING

No.0009

Lot ID: 24118371

Date Received : Dec 07, 2024

Date Reported : Dec 13, 2024

Report Number : 3192589-1

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Page 1 of 2

Sample Number	24118371-3
Sampled Date	Dec 06, 2024 2:00 PM
Sample Description	Wastewater
Location	น้ำทิ้งหลังออกจากระบบบำบัด ดัก B2 (GPS: 47N 423263 871958)
Date Analysis Commenced	Dec 07, 2024
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	84.4	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	9	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	0.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	1.2	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Songkhla
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	212	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	16.2	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	42	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Songkhla

Guideline : Notification of Ministry of Natural Resources and Environment B.E. 2567 on Effluent Control Standard from Types and Sized of Buildings, Type B.

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

TESTING

No.0009

Lot ID: 24118371

Date Received : Dec 07, 2024

Date Reported : Dec 13, 2024

Report Number : 3192589-1

Page 2 of 2

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 24118371

Date Received : Dec 07, 2024

Date Reported : Dec 13, 2024

Report Number : 3192590-1

Page 1 of 1

Sample Number	24118371-4
Sampled Date	Dec 06, 2024 1:50 PM
Sample Description	Consumption Water
Location	น้ำใช้ในโครงการ ก่อสร้างที่พักB1 หน้าลพ (GPS: 47N 423291 871979)
Date Analysis Commenced	Dec 09, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	198	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565
คลอรีนอิสระคงเหลือในระบบจ่ายน้ำประปา ไม่น้อยกว่า 0.2 mg/L

Sampling By : Furakan Kasetka

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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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ผลการวิเคราะห์คุณภาพน้ำใช้



Analysis / Test Report

TESTING

No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2419560

Date Received : Mar 23, 2024

Date Reported : Apr 09, 2024

Report Number : 2915552-1

Page 1 of 13

Sample Number	2419560-1
Sampled Date	Mar 22, 2024 10:15 AM
Sample Description	Consumption Water
Location	ก๊อมน้ำใช้ที่ผ่านการกรองแล้ว น้ำใช้ตึกB1 ข้างเดอะเลาจ์ (GPS: 47N 423285 872005)
Date Analysis Commenced	Mar 23, 2024
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.001	0.005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Cadmium	mg/L	0.001	0.005	Not Detected	≤0.003	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Chromium	mg/L	0.001	0.005	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Copper	mg/L	0.001	0.005	0.01	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Iron	mg/L	0.001	0.005	0.02	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Lead	mg/L	0.001	0.005	<0.005	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Manganese	mg/L	0.001	0.005	0.28	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2419560

Date Received : Mar 23, 2024

Date Reported : Apr 09, 2024

Report Number : 2915552-1

Page 2 of 13

Sample Number	2419560-1
Sampled Date	Mar 22, 2024 10:15 AM
Sample Description	Consumption Water
Location	ก๊อมน้ำใช้ผ่านการกรองแล้ว น้ำใช้ตึกB1 ช่วงเดอะเลาจ์ (GPS: 47N 423285 872005)
Date Analysis Commenced	Mar 23, 2024
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Mercury	mg/L	0.0003	0.0005	Not Detected	≤0.001	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Zinc	mg/L	0.001	0.005	0.04	≤3.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, F	Songkhla
Total Coliform	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Songkhla
Water Testing							
Chloride as Cl	mg/L	0.06	0.2	12.0	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color *	Color unit	-	5	<5	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B	Songkhla
Fluoride as F	mg/L	0.05	0.1	1.3	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Nitrate as NO3	mg/L	0.3	1.0	<1.0	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2419560

Date Received : Mar 23, 2024

Date Reported : Apr 09, 2024

Report Number : 2915552-1

Page 3 of 13

Sample Number	2419560-1
Sampled Date	Mar 22, 2024 10:15 AM
Sample Description	Consumption Water
Location	ก๊อกรน้ำใช้ที่ผ่านการกรองแล้ว น้ำใช้ตึกB1 ข้างเดอะเลาจ์ (GPS: 47N 423285 872005)
Date Analysis Commenced	Mar 23, 2024
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.3	6.5-8.5	In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Songkhla
Sulfate	mg/L	0.15	0.5	6.8	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	160	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Hardness as CaCO ₃	mg/L	-	1	70	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.29	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING

No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2494368

Date Received : Sep 10, 2024

Date Reported : Sep 19, 2024

Report Number : 3114141-1

Page 1 of 3

Sample Number	2494368-1
Sampled Date	Sep 09, 2024 2:05 PM
Sample Description	Consumption Water
Location	ห้องน้ำใช้ผ่านการกรองแล้ว Guest room No.3503 (GPS: 47N 423340 871960)
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.001	0.005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Cadmium	mg/L	0.001	0.005	Not Detected	≤0.003	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Chromium	mg/L	0.001	0.005	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Copper	mg/L	0.001	0.005	0.01	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Iron	mg/L	0.001	0.005	0.008	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Lead	mg/L	0.001	0.005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Manganese	mg/L	0.001	0.005	0.43	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING

No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2494368

Date Received : Sep 10, 2024

Date Reported : Sep 19, 2024

Report Number : 3114141-1

Page 2 of 3

Sample Number	2494368-1
Sampled Date	Sep 09, 2024 2:05 PM
Sample Description	Consumption Water
Location	ห้องพักที่ผ่านการกรองแล้ว Guest room No.3503 (GPS: 47N 423340 871960)
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Mercury	mg/L	0.0003	0.0005	Not Detected	≤0.001	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Zinc	mg/L	0.001	0.005	0.04	≤3.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, F	Songkhla
Total Coliform	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	12.5	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color *	Color unit	-	5	<5	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B	Songkhla
^[A] Fluoride as F	mg/L	0.05	0.1	0.1	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0.3	1.0	<1.0	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2494368

Date Received : Sep 10, 2024

Date Reported : Sep 19, 2024

Report Number : 3114141-1

Page 3 of 3

Sample Number	2494368-1
Sampled Date	Sep 09, 2024 2:05 PM
Sample Description	Consumption Water
Location	ก๊อมน้ำใช้ผ่านการกรองแล้ว Guest room No.3503 (GPS: 47N 423340 871960)
Date Analysis Commenced	Sep 10, 2024
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.4	6.5-8.5	In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Songkhla
^[A] Sulfate	mg/L	0.15	0.5	9.5	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	210	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Hardness as CaCO ₃	mg/L	-	1	107	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.30	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565
คลอรีนอิสระคงเหลือในระบบจ่ายน้ำประปา ไม่น้อยกว่า 0.2 mg/L

Sampling By : Thaksin Aintrom , Furakan Kasetka

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.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DMSc Accreditation No. 1031/47.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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ผลการวิเคราะห์คุณภาพน้ำสระว่ายนํ้า



Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โรงแรม ดินสอ รีสอร์ท ชวงดำเนินการ

Project Location :

Lot ID: 2412046

Date Received : Feb 01, 2024

Date Reported : Feb 07, 2024

Report Number : 2898733-1

Page 6 of 6

Sample Number	2412046-4
Sampled Date	Jan 31, 2024 10:05 AM
Sample Description	Swimming Pool
Location	สระว่ายน้ำของโรงแรม สระB2 (GPS: 47N 423306 871929)
Date Analysis Commenced	Feb 01, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Fecal Coliform *	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
Total Coliform *	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Songkhla

Guideline : ค่าแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่อง การควบคุมการประกอบกิจการสระว่ายน้ำ หรือกิจการอื่น ๆ ในทำนองเดียวกัน

Sampling By : Thaksin Aintrom

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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2419473

Date Received : Feb 22, 2024

Date Reported : Feb 29, 2024

Report Number : 2915448-1

Page 6 of 6

Sample Number	2419473-4
Sampled Date	Feb 21, 2024 10:05 AM
Sample Description	Swimming Pool
Location	สระว่ายน้ำของโรงแรม สระว่ายน้ำตึกB1 (GPS: 47N 423305 871979)
Date Analysis Commenced	Feb 22, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Fecal Coliform *	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
Total Coliform *	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Songkhla

Guideline : ค่าแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่อง การควบคุมการประกอบกิจการสระว่ายน้ำ หรือกิจการอื่น ๆ ในทำนองเดียวกัน

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Approved by

Tuanjai Thangklang
Manager

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Analysis / Test Report

TESTING

No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2419560

Date Received : Mar 23, 2024

Date Reported : Apr 09, 2024

Report Number : 2915552-1

Page 9 of 13

Sample Number	2419560-5
Sampled Date	Mar 22, 2024 10:40 AM
Sample Description	Swimming Pool
Location	สระว่ายน้ำของโรงแรม สระB2 (GPS: 47N 423306 871929)
Date Analysis Commenced	Mar 23, 2024
Condition of Sample	Contained in five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
<i>Escherichia coli</i> *	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, F	Songkhla
Fecal Coliform *	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
<i>Pseudomonas aeruginosa</i> *	in 100 mL	-	-	Not Detected	Not Detected	In-house method in connection with: - Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9213 E	Bangkok
<i>Staphylococcus aureus</i> *	in 100 mL	-	-	Not Detected	Not Detected	In-house method : STM No. 14-039 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9213 B and FDA Bacteriological Analytical Manual online, Chapter 12, 2016	Songkhla
Total Coliform *	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Songkhla
Water Testing							
Ammonia Nitrogen *	mg/L	-	0.06	0.18	≤20	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (B, F)	Bangkok
Calcium Hardness as CaCO ₃ *	mg/L	-	1	118	250-600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Ca (B)	Songkhla

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

TESTING
No.0166

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2419560

Date Received : Mar 23, 2024

Date Reported : Apr 09, 2024

Report Number : 2915552-1

Page 10 of 13

Sample Number	2419560-5
Sampled Date	Mar 22, 2024 10:40 AM
Sample Description	Swimming Pool
Location	สระว่ายน้ำของโรงแรม สระB2 (GPS: 47N 423306 871929)
Date Analysis Commenced	Mar 23, 2024
Condition of Sample	Contained in five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Chloride as Cl	mg/L	0.06	0.2	109	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Cyanuric acid *	mg/L	2	7	70.0	30-60	Colorimetric Method	Bangkok
Nitrate as NO3	mg/L	0.3	1.0	8.5	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Alkalinity as CaCO3 *	mg/L	-	1	2	80-100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Songkhla

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Sampling By : Yuttapong Rattana , Sakkarin Panpheng

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.
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Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

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Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2431114

Date Received : Apr 23, 2024

Date Reported : Apr 29, 2024

Report Number : 2976736-1

Page 1 of 1

Sample Number	2431114-4
Sampled Date	Apr 22, 2024 10:40 AM
Sample Description	Swimming Pool
Location	สระว่ายน้ำของโรงแรม สรB2 (GPS: 47N 423306 871929)
Date Analysis Commenced	Apr 23, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Fecal Coliform	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Songkhla

Guideline : ค่าแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่อง การควบคุมการประกอบกิจการสระว่ายน้ำ หรือกิจการอื่น ๆ ในทำนองเดียวกัน

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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Approved by

Tuanjai Thangklang
Manager

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Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2441200

Date Received : May 29, 2024

Date Reported : Jun 04, 2024

Report Number : 3012235-1

Page 1 of 1

Sample Number	2441200-4
Sampled Date	May 28, 2024 1:41 PM
Sample Description	Swimming Pool
Location	สระว่ายน้ำของโรงแรม สรB1 (GPS: 47N 423305 871979)
Date Analysis Commenced	May 29, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Fecal Coliform	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Songkhla

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Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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Approved by

Tuanjai Thangklang
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P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2452898

Date Received : Jun 18, 2024

Date Reported : Jun 24, 2024

Report Number : 2989490-1

Page 1 of 1

Sample Number 2452898-4
Sampled Date Jun 17, 2024 1:00 PM
Sample Description Swimming Pool
Location สระว่ายน้ำของโรงแรมสระB2
(GPS: 47N 423306 871929)
Date Analysis Commenced Jun 18, 2024
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Fecal Coliform	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Songkhla

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Sampling By : Thaksin Aintrom , Furakan Kasetka

Remark :

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Approved by

Tuanjai Thangklang
Manager

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Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2468754

Date Received : Jul 05, 2024

Date Reported : Jul 11, 2024

Report Number : 3027032-1

Page 1 of 1

Sample Number	2468754-1
Sampled Date	Jul 04, 2024 11:05 AM
Sample Description	Swimming Pool
Location	สระว่ายน้ำของโรงแรม สระB1 (GPS: 47N 423305 871979)
Date Analysis Commenced	Jul 05, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Fecal Coliform	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Songkhla

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Sampling By : Sakkarin Panpheng

Remark :

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Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2481408

Date Received : Aug 20, 2024

Date Reported : Aug 26, 2024

Report Number : 3093722-1

Page 1 of 1

Sample Number	2481408-1
Sampled Date	Aug 19, 2024 1:30 PM
Sample Description	Swimming Pool
Location	สระว่ายน้ำของโรงแรม สระB2 (GPS: 47N 423306 871929)
Date Analysis Commenced	Aug 20, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Fecal Coliform	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Songkhla

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Sampling By : Sakkarin Panpheng

Remark :

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Approved by

Tuanjai Thangklang
Manager

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P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 2494368

Date Received : Sep 10, 2024

Date Reported : Sep 18, 2024

Report Number : 3114142-1

Page 1 of 1

Sample Number 2494368-2
Sampled Date Sep 09, 2024 1:40 PM
Sample Description Swimming Pool
Location สระว่ายน้ำของโรงแรม สรสบ1
(GPS: 47N 423305 871979)
Date Analysis Commenced Sep 10, 2024
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Fecal Coliform	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Songkhla

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Sampling By : Thaksin Aintrom , Furakan Kasetka

Remark :

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

Approved by

Tuanjai Thangklang
Manager

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P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 24112454

Date Received : Oct 10, 2024

Date Reported : Oct 17, 2024

Report Number : 3140145-1

Page 1 of 1

Sample Number	24112454-1
Sampled Date	Oct 09, 2024 1:45 PM
Sample Description	Swimming Pool
Location	สระว่ายน้ำของโรงแรม สรB2 (GPS: 47N 423306 871929)
Date Analysis Commenced	Oct 10, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Fecal Coliform	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Songkhla
Total Coliform	MPN/100mL	-	-	5.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Songkhla

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Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 24118370

Date Received : Nov 19, 2024

Date Reported : Nov 25, 2024

Report Number : 3175246-1

Page 1 of 1

Sample Number	24118370-1
Sampled Date	Nov 18, 2024 1:20 PM
Sample Description	Swimming Pool
Location	สระว่ายน้ำของโรงแรม สระB1 (GPS: 47N 423305 871979)
Date Analysis Commenced	Nov 19, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Fecal Coliform	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Songkhla
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Songkhla

Guideline : ค่าแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่อง การควบคุมการประกอบกิจการสระว่ายน้ำ หรือกิจการอื่น ๆ ในทำนองเดียวกัน

Sampling By : Sakkarin Panpheng

Remark :

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

Approved by

Tuanjai Thangklang
Manager

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

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Analysis / Test Report

Client : Phuket Environmental Services Co., Ltd.
125/512 M.5, T.Rasada, A.Muang, Phuket Thailand 83000

P/O :

Project Name : โครงการโรงแรม ดินสอ รีสอร์ท ช่วงดำเนินการ

Project Location :

Lot ID: 24118371

Date Received : Dec 07, 2024

Date Reported : Dec 13, 2024

Report Number : 3192587-1

Page 1 of 1

Sample Number 24118371-1
Sampled Date Dec 06, 2024 1:40 PM
Sample Description Swimming Pool
Location สระว่ายน้ำของโรงแรม สระB2
(GPS: 47N 423306 871929)
Date Analysis Commenced Dec 07, 2024
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Fecal Coliform	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Songkhla
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Songkhla

Guideline : ค่าแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่อง การควบคุมการประกอบกิจการสระว่ายน้ำ หรือกิจการอื่น ๆ ในทำนองเดียวกัน

Sampling By : Furakan Kasetka

Remark :

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

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

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เอกสารแนบที่ 15

เอกสารขึ้นทะเบียนห้องปฏิบัติการ



ที่ อก ๐๓๑๐(๑)/ ๑๖๑๖๘

กรมโรงงานอุตสาหกรรม
ถนนพระรามที่ ๖ แขวงทุ่งพญาไท
เขตราชเทวี กรุงเทพฯ ๑๐๕๐๐

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. ขอบข่ายสารมลพิษที่ได้รับขึ้นทะเบียนให้วิเคราะห์ในน้ำเสีย น้ำใต้ดิน อากาศเสีย สิ่งปฏิกูล
หรือวัสดุที่ไม่ใช่แล้ว และดิน ตามสิ่งที่ส่งมาด้วย ๓

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

จึงเรียนมาเพื่อทราบ

ขอแสดงความนับถือ

(นายศิระ จันทรเจ็ด)

นักวิทยาศาสตร์เชี่ยวชาญ รักษาการแทน
ผู้อำนวยการกองวิจัยและเตือนภัยมลพิษโรงงาน
ปฏิบัติราชการแทนอธิบดีกรมโรงงานอุตสาหกรรม

กองวิจัยและเตือนภัยมลพิษโรงงาน

กลุ่มมาตรฐานวิธีการวิเคราะห์ทดสอบมลพิษและทะเบียนห้องปฏิบัติการ

โทร. ๐ ๒๔๓๐ ๖๓๑๒ ต่อ ๒๑๐๓-๕

โทรสาร ๐ ๒๔๓๐ ๖๓๑๒ ต่อ ๒๑๙๙

ไปรษณีย์อิเล็กทรอนิกส์ saraban@diw.mail.go.th



เอกสารแนบท้ายหนังสือรับต่ออายุขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน
บริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด เลขทะเบียน ว-๒๐๔
ที่ อก ๐๓๑๐(๑)/ ๑ ๖ ๑ ๖ ๘ ลงวันที่ ๒๐ พฤศจิกายน ๒๕๖๖

ก. ผู้ควบคุมดูแลห้องปฏิบัติการวิเคราะห์ จำนวน ๖ ราย

- | | |
|------------------------------|----------------------------|
| ๑) นางสาวยุพาพร จันทรเปล่ง | ทะเบียนเลขที่ ว-๒๐๔-ค-๐๐๐๑ |
| ๒) นางสาวชนัญ โกมารกุล ณ นคร | ทะเบียนเลขที่ ว-๒๐๔-ค-๐๐๐๒ |
| ๓) นายศรายุทธ จิตรานนท์ | ทะเบียนเลขที่ ว-๒๐๔-ค-๐๐๐๓ |
| ๔) นางสาวกนกกร เอนก | ทะเบียนเลขที่ ว-๒๐๔-ค-๐๐๐๔ |
| ๕) นายสุริยา สอนแก้ว | ทะเบียนเลขที่ ว-๒๐๔-ค-๐๐๐๕ |
| ๖) นายวิชาญ ชุณหรัตน์ | ทะเบียนเลขที่ ว-๒๐๔-ค-๐๐๐๖ |

3/11/16

เอกสารแนบท้ายหนังสือรับต่ออายุขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน

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

ที่ อก ๐๓๑๐(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 ^[4]
2	Aldicarb Sulfone	High-Performance Liquid Chromatographic Method ^[4]
3	Aldicarb Sulfoxide	High-Performance Liquid Chromatographic Method ^[4]
4	Aldrin	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[4]
5	Arsenic	1) Digestion, Inductively Coupled Plasma Method ^[4] 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method ^[4]
6	Barium	1) Digestion, Inductively Coupled Plasma Method ^[4] 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method ^[4]
7	α -BHC	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[4]
8	β -BHC	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[4]
9	δ -BHC	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[4]
10	γ -BHC	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[4]
11	Biochemical Oxygen Demand	1) 5-Day BOD Test, Azide Modification Method ^[4] 2) 5-Day BOD Test, Membrane Electrode Method ^[4]
12	Carbaryl	High-Performance Liquid Chromatographic Method ^[4]
13	Carbofuran	High-Performance Liquid Chromatographic Method ^[4]
14	Cadmium	1) Digestion, Inductively Coupled Plasma Method ^[4] 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method ^[4]
15	Chemical Oxygen Demand	1) Closed Reflux, Colorimetric Method ^[4] 2) Closed Reflux, Titrimetric Method ^[4]
16	Chlordane	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[4]
17	Chromium	1) Digestion, Inductively Coupled Plasma Method ^[4] 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method ^[4]
18	Color	ADMI Weighted-Ordinate Spectrophotometric Method ^[4]

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

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

วิมล

น้ำใต้ดิน จำนวน 126 รายการ

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

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

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

3m2d

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

3m

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

3mml

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
94	N-Nitrosodiphenylamine	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[4]
95	N-Nitrosodi-n-Propylamine	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[4]
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 ^[4]
97	Pentachlorophenol	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[4]
98	pH	Electrometric Method ^[4]
99	Phenanthrene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[4]
100	Phenol	1) Distillation, Chloroform Extraction Method ^[4] 2) Distillation, Direct Photometric Method ^[4] 3) Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[4]
101	Pyrene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[4]
102	Selenium	1) Digestion, Inductively Coupled Plasma Method ^[4] 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method ^[4]
103	Silver	1) Digestion, Inductively Coupled Plasma Method ^[4] 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method ^[4]
104	Styrene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method ^[4]
105	1,1,2,2-Tetrachloroethane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method ^[4]
106	Tetrachloroethylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method ^[4]
107	Toluene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method ^[4]
108	Toxaphene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[4]
109	TPH (C ₅ -C ₈)	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method ^[14,25]

สมพงษ์

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

3/11/25

อากาศเสีย (ปล่อยระบาย) จำนวน 28 รายการ

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

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

3m7)

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

สิ่งปฏิกูลหรือวัสดุที่ไม่ใช้แล้ว จำนวน 35 รายการ

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

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

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

2) Soxhlet...

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

Signature

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
22	Mercury	1) Waste Extraction, Digestion, Cold-Vapor Atomic Absorption Spectrometric Method ^[1,6,20] 2) Waste Extraction, Digestion, Cold-Vapor Atomic Fluorescence Spectrometric Method ^[1,6,30] 3) Digestion, Cold-Vapor Atomic Absorption Spectrometric Method ^[20] 4) Digestion, Cold-Vapor Atomic Fluorescence Spectrometric Method ^[30] 5) Thermal Decomposition Amalgamation and Atomic Absorption Spectrometric Method ^[21]
23	Methoxychlor	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[1,9,26] 2) Soxhlet Extraction, Gas Chromatographic / Mass Spectrometric Method ^[10,26] 3) Automated Soxhlet Extraction, Gas Chromatographic / Mass Spectrometric Method ^[11,26]
24	Mirex	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[1,9,26] 2) Soxhlet Extraction, Gas Chromatographic / Mass Spectrometric Method ^[10,26] 3) Automated Soxhlet Extraction, Gas Chromatographic / Mass Spectrometric Method ^[11,26]
25	Molybdenum	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^[1,6,16] 2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method ^[1,6,17] 3) Digestion, Inductively Coupled Plasma Method ^[7,16] 4) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method ^[7,17]
26	Nickel	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^[1,6,16] 2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method ^[1,6,17] 3) Digestion, Inductively Coupled Plasma Method ^[7,16] 4) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method ^[7,17]
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 ^[1,9,26] 2) Soxhlet Extraction, Gas Chromatographic Method ^[10,26] 3) Automated Soxhlet Extraction, Gas Chromatographic Method ^[11,26]

3mm

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
28	<ul style="list-style-type: none"> - 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 	<p>1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method^[1,9,26]</p> <p>2) Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method^[10,26]</p> <p>3) Automated Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method^[11,26]</p>
29	pH	Electrometric Method ^[23,24]
30	Selenium	<p>1) Waste Extraction, Digestion, Inductively Coupled Plasma Method^[1,6,16]</p> <p>2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method^[1,6,17]</p> <p>3) Digestion, Inductively Coupled Plasma Method^[7,16]</p> <p>4) Digestion, Inductively Coupled Plasma/Mass Spectrometric Method^[7,17]</p>

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

สมร

ดิน จำนวน 125 รายการ

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
1	Acenaphthene	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[10,26]
2	Acetone	2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[11,26]
3	Aldrin	1) Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method ^[15,25]
4	Anthracene	2) Equilibrium Headspace, Gas Chromatographic/ Mass Spectrometric Method ^[13]
5	Antimony	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[10,26]
6	Arsenic	2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[11,26]
7	Atrazine	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[10,26]
8	Barium	2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[11,26]
9	Benz(a)anthracene	1) Digestion, Inductively Coupled Plasma Method ^[7,16]
10	Benzene	2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method ^[7,17]
		1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[10,26]
		2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[11,26]
		1) Digestion, Inductively Coupled Plasma Method ^[7,16]
		2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method ^[7,17]
		1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[10,26]
		2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[11,26]
		Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method ^[15,25]

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

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ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
23	Cadmium	1) Digestion, Inductively Coupled Plasma Method ^[7,16] 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method ^[7,17]
24	Carbazole	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[10,26] 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[11,26]
25	Carbon Disulfide	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method ^[15,25]
26	Carbon tetrachloride	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method ^[15,25]
27	Chlordane	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[10,26] 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[11,26]
28	p-Chloroaniline	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[10,26] 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[11,26]
29	Chlorobenzene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method ^[15,25]
30	Chlorodibromomethane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method ^[15,25]
31	Chloroform	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method ^[15,25]
32	2-Chlorophenol	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[10,26] 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[11,26]
33	Chromium	1) Digestion, Inductively Coupled Plasma Method ^[7,16] 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method ^[7,17]
34	Chromium (III)	1) Digestion, Inductively Coupled Plasma Method; Alkaline Digestion, Colorimetric Method; Calculation Method ^[7,8,16,19] 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method; Alkaline Digestion, Colorimetric Method; Calculation Method ^[7,8,17,19]
35	Chromium (VI)	Alkaline Digestion, Colorimetric Method ^[8,19]

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

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

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

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
74	α -HCH	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[10,26] 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[11,26]
75	β -HCH	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[10,26] 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[11,26]
76	γ -HCH	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[10,26] 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[11,26]
77	Hexachlorocyclopentadiene	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[10,26] 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[11,26]
78	Hexachloroethane	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[10,26] 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[11,26]
79	Indeno(1,2,3-cd)pyrene	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[10,26] 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[11,26]
80	Isophorone	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[10,26] 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[11,26]
81	Lead	1) Digestion, Inductively Coupled Plasma Method ^[7,16] 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method ^[7,17]
82	Manganese	1) Digestion, Inductively Coupled Plasma Method ^[7,16] 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method ^[7,17]
83	Mercury	1) Digestion, Cold-Vapor Atomic Absorption Spectrometric Method ^[20] 2) Thermal Decomposition, Amalgamation, and Atomic Absorption Spectrophotometry ^[21] 3) Digestion, Cold-Vapor Atomic Fluorescence Spectrometric Method ^[30]

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

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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 ^[10,26] 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[11,26]
97	Pentachlorophenol	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[10,26] 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[11,26]
98	Phenanthrene	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[10,26] 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[11,26]

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ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
99	Phenol	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[10,26] 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[11,26]
100	Pyrene	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[10,26] 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[11,26]
101	Selenium	1) Digestion, Inductively Coupled Plasma Method ^[7,16] 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method ^[7,17]
102	Silver	1) Digestion, Inductively Coupled Plasma Method ^[7,16] 2) Digestion, Inductively Coupled Plasma/ Mass Spectrometric Method ^[7,17]
103	Styrene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method ^[15,25]
104	1,1,2,2-Tetrachloroethane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method ^[15,25]
105	Tetrachloroethylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method ^[15,25]
106	Toluene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method ^[15,25]
107	Toxaphene	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[10,26] 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[11,26]
108	TPH (C ₅ -C ₈)	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method ^[15,25]
109	TPH (C _{>8} - C ₁₆)	1) Automate Extraction, Gas Chromatographic Method ^[11,22] 2) Solvent Extraction, Gas Chromatographic Method ^[12,22] 3) Ultrasonic Extraction, Gas Chromatographic Method ^[22,31]
110	TPH (C _{>16} - C ₃₅)	1) Automate Extraction, Gas Chromatographic Method ^[11,22] 2) Solvent Extraction, Gas Chromatographic Method ^[12,22] 3) Ultrasonic Extraction, Gas Chromatographic Method ^[22,31]
111	1,2,4-Trichlorobenzene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method ^[15,25]
112	1,1,1-Trichloroethane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method ^[15,25]
113	1,1,2-Trichloroethane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method ^[15,25]
114	Trichloroethylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method ^[15,25]

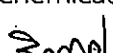
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ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
115	2,4,5-Trichlorophenol	1) Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[10,26] 2) Automated Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method ^[11,26]
116	2,4,6-Trichlorophenol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

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