

ภาคผนวก

ภาคผนวก ก.

สำเนาหนังสือเห็นชอบ และสรุปมาตรการฯ



ที่ ทส ๑๐๑๐.๕/ ๑๒๕๐

สำนักงานนโยบายและแผน
ทรัพยากรธรรมชาติและสิ่งแวดล้อม
๖๐/๑ ซอยพิบูลวัฒนา ๗ ถนนพระรามที่ ๖
แขวงพญาไท เขตพญาไท กรุงเทพฯ ๑๐๕๐๐

๒๕ มกราคม ๒๕๖๓

เรื่อง แจ้งผลการพิจารณารายงานการประเมินผลกระทบสิ่งแวดล้อมโครงการ Grande Centre Point Pattaya 2 (โรงแรม แกรนด์ เซนเตอร์ พอยต์ พัทยา 2) ของบริษัท แอล เอช มอลล์ แอนด์ โฮเทล จำกัด

เรียน กรรมการผู้จัดการบริษัท แอล เอช มอลล์ แอนด์ โฮเทล จำกัด

สิ่งที่ส่งมาด้วย ๑. สำเนาหนังสือบริษัท ไท-ไท วิศวกร จำกัด ที่ TTE 435/62 ลงวันที่ ๑๕ พฤศจิกายน ๒๕๖๒

๒. สำเนาหนังสือบริษัท ไท-ไท วิศวกร จำกัด ที่ TTE 014/63 ลงวันที่ ๑๔ มกราคม ๒๕๖๓

๓. มาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อมที่โครงการ Grande Centre Point Pattaya 2 (โรงแรม แกรนด์ เซนเตอร์ พอยต์ พัทยา 2) ของบริษัท แอล เอช มอลล์ แอนด์ โฮเทล จำกัด ต้องยึดถือปฏิบัติอย่างเคร่งครัด

ตามที่ บริษัท แอล เอช มอลล์ แอนด์ โฮเทล จำกัด ได้มอบหมายและมอบอำนาจให้บริษัท ไท-ไท วิศวกร จำกัด จัดทำและเสนอรายงานการประเมินผลกระทบสิ่งแวดล้อมโครงการ Grande Centre Point Pattaya 2 (โรงแรม แกรนด์ เซนเตอร์ พอยต์ พัทยา 2) ของบริษัท แอล เอช มอลล์ แอนด์ โฮเทล จำกัด ตั้งอยู่ที่ ถนนพญา-นาเกลือ ตำบลนาเกลือ อำเภอบางละมุง จังหวัดชลบุรี เป็นโครงการประเภทโรงแรม มีจำนวนห้องพัก ๔๔๐ ห้อง ให้สำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม ดำเนินการตามขั้นตอนการพิจารณารายงาน รายละเอียดตามสิ่งที่ส่งมาด้วย ๑ และ ๒ นั้น

สำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม ได้เสนอรายงานการประเมินผลกระทบสิ่งแวดล้อมดังกล่าว ให้คณะกรรมการผู้ชำนาญการพิจารณารายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อมโครงการอาคาร การจัดสรรที่ดิน และบริการชุมชน พิจารณาลำดับ และในการประชุมครั้งที่ ๓/๒๕๖๓ เมื่อวันที่ ๒๒ มกราคม ๒๕๖๓ คณะกรรมการผู้ชำนาญการฯ มีมติให้ความเห็นชอบรายงานการประเมินผลกระทบสิ่งแวดล้อมโครงการ Grande Centre Point Pattaya 2 (โรงแรม แกรนด์ เซนเตอร์ พอยต์ พัทยา 2) ของบริษัท แอล เอช มอลล์ แอนด์ โฮเทล จำกัด ตั้งอยู่ที่ ถนนพญา-นาเกลือ ตำบลนาเกลือ อำเภอบางละมุง จังหวัดชลบุรี โดยให้ปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อมอย่างเคร่งครัด รายละเอียดตามสิ่งที่ส่งมาด้วย ๓ และให้ประสานบริษัทที่ปรึกษาเพื่อจัดทำรายงานที่ได้รวบรวมรายละเอียดข้อมูลทั้งหมดเรียงตามลำดับการพิจารณา จำนวน ๑ ฉบับ และรายงานฉบับสมบูรณ์ ที่ได้แก้ไขเพิ่มเติมตามที่คณะกรรมการผู้ชำนาญการกำหนดแล้ว จำนวน ๑ ฉบับ พร้อมทั้งจัดทำแผ่นบันทึกข้อมูลในรูปแบบ Portable Document Format (PDF File) จำนวน ๑ แผ่น และ ๘ แผ่น ตามลำดับ เสนอต่อสำนักงานนโยบายฯ ภายในเวลา ๑ เดือน เพื่อใช้เป็น

เอกสาร...

เอกสารอ้างอิงและส่งให้หน่วยงานที่เกี่ยวข้องต่อไป และหากได้รับอนุญาตจากหน่วยงานอนุญาตแล้ว ขอความร่วมมือส่งสำเนาใบอนุญาตพร้อมเงื่อนไขให้สำนักงานนโยบายฯ ทราบด้วย ทั้งนี้ สำนักงานนโยบายฯ ได้มีหนังสือแจ้งบริษัท ไท-ไท วิศวรร จำกัด ในส่วนที่เกี่ยวข้องต่อไปด้วยแล้ว

จึงเรียนมาเพื่อโปรดพิจารณา

ขอแสดงความนับถือ



(นายพิรุณ สัยยะสิทธิ์พานิช)

รองเลขาธิการฯ ปฏิบัติราชการแทน

เลขาธิการสำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม

กองวิเคราะห์ผลกระทบสิ่งแวดล้อม

โทรศัพท์ ๐ ๒๒๖๕ ๖๕๐๐ กด ๒ กด ๖๘๑๐-๖๘๑๕

โทรสาร ๐ ๒๒๖๕ ๖๖๑๖

สำเนาถูกต้อง



(นางสาวมลิวรรณ สอนคำ)

เจ้าพนักงานธุรการอาวุโส

ภาคผนวก ข.

สำเนาผลตรวจวิเคราะห์คุณภาพน้ำ

Analysis/Test Report

Customer Name : Grande Centre Point Space Pattaya

Address : 888 Moo 5 Pattaya, Bang Lamung, Chonburi 20150

Sampling Site : Grande Centre Point Space Pattaya

Sampling by : Test Tech Co., Ltd.

Sampling Date : 12/07/2023

Received Date : 12/07/2023

Report Date : 20/07/2023

Sample Type : Waste Water

Sampling Method : Grab

Sampling Time : 10:10 AM

Analytical Date : 12 - 19/07/2023

Report No. : R17099/66

Parameters	Unit	Method	TW15901 /66	Standard ^a (Type A)
			Waste Water	
pH	-	SM 2017 (4500-H ⁺ B)	6.3	5.0 - 9.0
BOD	mg/L	SM 2017 (5210 B, 4500-O G)	15	≤ 20
Total Suspended Solids	mg/L	SM 2017 (2540 D)	21	≤ 30
Total Dissolved Solids	mg/L	Based on SM 2017 (2540 C)	444	500 ^{xx}
Oil & Grease	mg/L	SM 2017 (5520 D)	< 3.0	≤ 20
Total Kjeldahl Nitrogen	mg/L as N	SM 2017 (4500 N _{org} B)	7.0	≤ 35
* Sulfide	mg/L as H ₂ S	Iodometric	< 0.30	≤ 1.0
* Settleable Solids	mL/L	Volumetric Test	< 0.5	≤ 0.5
Sample Condition		Observation	Light Yellow, Colloid	

- Remark : 1. SM 2017 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017
2. Test marked " * " on this report are not included in scope of Accreditation
3. a : Notification of Ministry of Natural Resources and Environment : Building Effluents Standards Published in the Royal Government Gazette, Vol.122 Part 125 D, dated December 29, B.E.2548 (2005)

^{xx} These values are in addition to the TDS of the water used.

s. Chonnikarn
Miss CHONNIKARN SITTIPORM

Analyst

20/07/2023

Y. Orasa
Miss ORASA YUBUA

Technical Manager

20/07/2023

Reported results refer to the sample as received only.

Test report shall not be reproduced except in full, without written approved of the laboratory.

TESTING
NO.0001

Analysis/Test Report

Customer Name : Grande Centre Point Space Pattaya

Address : 888 Moo 5 Pattaya, Bang Lamung, Chonburi 20150

Sampling Site : Grande Centre Point Space Pattaya

Sampling by : Test Tech Co., Ltd.

Sampling Date : 16/08/2023

Received Date : 16/08/2023

Report Date : 24/08/2023

Sample Type : Waste Water

Sampling Method : Grab

Sampling Time : 10:40 AM

Analytical Date : 16 - 23/08/2023

Report No. : R20085/66

Parameters	Unit	Method	TW18802 /66	Standard ^a (Type A)
			Waste Water	
pH	-	SM 2017 (4500-H ⁺ B)	6.5	5.0 - 9.0
BOD	mg/L	SM 2017 (5210 B, 4500-O G)	9.5	≤ 20
* Total Suspended Solids	mg/L	SM 2017 (2540 D)	8	≤ 30
Total Dissolved Solids	mg/L	Based on SM 2017 (2540 C)	420	500 ^{xx}
Oil & Grease	mg/L	SM 2017 (5520 D)	< 3.0	≤ 20
Total Kjeldahl Nitrogen	mg/L as N	SM 2017 (4500 N _{org} B)	10.2	≤ 35
* Sulfide	mg/L as H ₂ S	Iodometric	< 0.30	≤ 1.0
* Settleable Solids	mL/L	Volumetric Test	< 0.5	≤ 0.5
Sample Condition		Observation	Light Yellow, a little bit Particles	

Remark : 1. SM 2017 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017

2. Test marked " * " on this report are not included in scope of Accreditation

3. a : Notification of Ministry of Natural Resources and Environment : Building Effluents Standards Published in the Royal Government Gazette, Vol.122 Part 125 D, dated December 29, B.E.2548 (2005)

^{xx} These values are in addition to the TDS of the water used.

S. Busaya
Miss BUSAYA SRIAWANG

Analyst

24/08/2023

Orasa Yubua
Miss ORASA YUBUA

Technical Manager

24/08/2023

Reported results refer to the sample as received only.

Test report shall not be reproduced except in full, without written approved of the laboratory.

TESTING
NO.0001

Analysis/Test Report

Customer Name : Grande Centre Point Space Pattaya

Address : 888 Moo 5 Pattaya, Bang Lamung, Chonburi 20150

Sampling Site : Grande Centre Point Space Pattaya

Sampling by : Test Tech Co., Ltd.

Sampling Date : 13/09/2023

Received Date : 13/09/2023

Report Date : 22/09/2023

Sample Type : Waste Water

Sampling Method : Grab

Sampling Time : 10:20 AM

Analytical Date : 13 - 20/09/2023

Report No. : R22398/66

Parameters	Unit	Method	TW20943 /66	Standard ^a (Type A)
			Waste Water	
pH	-	SM 2023 (4500-H ⁺ B)	5.8	5.0 - 9.0
BOD	mg/L	SM 2023 (5210 B, 4500-O G)	17	≤ 20
* Total Suspended Solids	mg/L	SM 2023 (2540 D)	13	≤ 30
Total Dissolved Solids	mg/L	Based on SM 2023 (2540 C)	488	500 ^{xx}
Oil & Grease	mg/L	SM 2023 (5520 D)	< 3.0	≤ 20
Total Kjeldahl Nitrogen	mg/L as N	SM 2023 (4500 N _{org} B)	6.3	≤ 35
* Sulfide	mg/L as H ₂ S	Iodometric	< 0.30	≤ 1.0
* Settleable Solids	mL/L	Volumetric Test	< 0.5	≤ 0.5
Sample Condition		Observation	Light Yellow, Colloid	

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

2. Test marked " * " on this report are not included in scope of Accreditation

3. a : Notification of Ministry of Natural Resources and Environment : Building Effluents Standards Published in the Royal Government Gazette, Vol.122 Part 125 D, dated December 29, B.E.2548 (2005)

^{xx} These values are in addition to the TDS of the water used.

S. Chonnikarn

Miss CHONNIKARN SITTIPORM

Analyst

22/09/2023



Technical Manager

22/09/2023

Reported results refer to the sample as received only.

Test report shall not be reproduced except in full, without written approved of the laboratory.

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

TESTING
NO.0001

Analysis/Test Report

Customer Name : Grande Centre Point Space Pattaya

Address : 888 Moo 5 Pattaya, Bang Lamung, Chonburi 20150

Sampling Site : Grande Centre Point Space Pattaya

Sampling by : Test Tech Co., Ltd.

Sampling Date : 11/10/2023

Received Date : 11/10/2023

Report Date : 19/10/2023

Sample Type : Waste Water

Sampling Method : Grab

Sampling Time : 10:30 AM

Analytical Date : 11 - 17/10/2023

Report No. : R24776/66

Parameters	Unit	Method	TW23311 /66	Standard ^a (Type A)
			Waste Water	
pH	-	SM 2023 (4500-H ⁺ B)	6.2	5.0 - 9.0
BOD	mg/L	SM 2023 (5210 B, 4500-O G)	28	≤ 20
Total Suspended Solids	mg/L	SM 2023 (2540 D)	53	≤ 30
Total Dissolved Solids	mg/L	Based on SM 2023 (2540 C)	448	500 ^{xx}
Oil & Grease	mg/L	SM 2023 (5520 D)	< 3.0	≤ 20
Total Kjeldahl Nitrogen	mg/L as N	SM 2023 (4500 N _{org} B)	17.2	≤ 35
* Sulfide	mg/L as H ₂ S	Iodometric	< 0.30	≤ 1.0
* Settleable Solids	mL/L	Volumetric Test	< 0.5	≤ 0.5
Sample Condition		Observation	Light Yellow, Cloud	

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

2. Test marked " * " on this report are not included in scope of Accreditation

3. a : Notification of Ministry of Natural Resources and Environment : Building Effluents Standards Published in the Royal Government Gazette, Vol.122 Part 125 D, dated December 29, B.E.2548 (2005)

^{xx} These values are in addition to the TDS of the water used.

S. Chonnikarn

Miss CHONNIKARN SITTIPORM

Analyst

19/10/2023



Miss ORASA YUBUA

Technical Manager

19/10/2023

Reported results refer to the sample as received only.

Test report shall not be reproduced except in full, without written approved of the laboratory.

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

Analysis/Test Report

Customer Name : Grande Centre Point Space Pattaya

Address : 888 Moo 5 Pattaya, Bang Lamung, Chonburi 20150

Sampling Site : Grande Centre Point Space Pattaya

Sampling by : Test Tech Co., Ltd.

Sampling Date : 07/11/2023

Received Date : 08/11/2023

Report Date : 15/11/2023

Sample Type : Waste Water

Sampling Method : Grab

Sampling Time : 01:30 PM

Analytical Date : 08 - 13/11/2023

Report No. : R26776/66

Parameters	Unit	Method	TW25227 /66	Standard ^a (Type A)
			Waste Water	
pH	-	SM 2023 (4500-H ⁺ B)	6.2	5.0 - 9.0
* BOD	mg/L	SM 2023 (5210 B, 4500-O G)	9.9	≤ 20
Total Suspended Solids	mg/L	SM 2023 (2540 D)	29	≤ 30
Total Dissolved Solids	mg/L	Based on SM 2023 (2540 C)	490	500 ^{xx}
Oil & Grease	mg/L	SM 2023 (5520 D)	< 3.0	≤ 20
Total Kjeldahl Nitrogen	mg/L as N	SM 2023 (4500 N _{org} B)	8.4	≤ 35
* Sulfide	mg/L as H ₂ S	Iodometric	< 0.30	≤ 1.0
* Settleable Solids	mL/L	Volumetric Test	< 0.5	≤ 0.5
Sample Condition		Observation	Light Yellow, Cloud	

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

2. Test marked " * " on this report are not included in scope of Accreditation

3. a : Notification of Ministry of Natural Resources and Environment : Building Effluents Standards Published in the Royal Government Gazette, Vol.122 Part 125 D, dated December 29, B.E.2548 (2005)

^{xx} These values are in addition to the TDS of the water used.4. TW25227 /66 Sample were added TCMP (Nitrification inhibitor) before analyte BOD follow Standards Method APHA ,AWWA, WEF 24th Edition 2023 : 5210 B No. 5e-1.

P. Narisara.

Miss NARISARA PONGPILA

Analyst

15/11/2023



Miss ORASA YUBUA

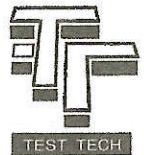
Technical Manager

15/11/2023

Reported results refer to the sample as received only.

Test report shall not be reproduced except in full, without written approved of the laboratory.

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



Analysis/Test Report

Customer Name : บริษัท แอล แอนด์ เอช โฮเทล แมนเนจเม้นท์ จำกัด (สาขาที่ 00006)

Address : เลขที่ 888 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง จังหวัดชลบุรี 20150

Sampling Site : Grande Centre Point Space Pattaya

Sample Type : Waste Water

Sampling by : Test Tech Co., Ltd.

Sampling Method : Grab

Sampling Date : 14/12/2023

Sampling Time : 09:40 AM

Received Date : 14/12/2023

Analytical Date : 14 - 21/12/2023

Report Date : 09/01/2024

Report No. : R30119-2/66

Parameters	Unit	Method	TW28507 /66	Standard ^a (Type A)
			Waste Water	
pH	-	SM 2023 (4500-H ⁺ B)	6.9	5.0 - 9.0
BOD	mg/L	SM 2023 (5210 B, 4500-O G)	91	≤ 20
Total Suspended Solids	mg/L	SM 2023 (2540 D)	74	≤ 30
Total Dissolved Solids	mg/L	Based on SM 2023 (2540 C)	412	500 ^{xx}
Oil & Grease	mg/L	SM 2023 (5520 D)	44.9	≤ 20
Total Kjeldahl Nitrogen	mg/L as N	SM 2023 (4500 N _{org} B)	44.1	≤ 35
* Sulfide	mg/L as H ₂ S	Iodometric	0.64	≤ 1.0
* Settleable Solids	mL/L	Volumetric Test	<0.5	≤ 0.5
Sample Condition		Observation	Light Yellow, Cloud	

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

2. Test marked " * " on this report are not included in scope of Accreditation

3. a : Notification of Ministry of Natural Resources and Environment : Building Effluents Standards Published in the Royal Government Gazette, Vol.122 Part 125 D, dated December 29, B.E.2548 (2005)

^{xx} These values are in addition to the TDS of the water used.

K. Nattakarn

Miss NATTAKARN KWANSRI

Analyst

09/01/2024



Technical Manager

09/01/2024

Reported results refer to the sample as received only.

Test report shall not be reproduced except in full, without written approved of the laboratory.

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

Analysis/Test Report

Customer Name : Grande Centre Point Space Pattaya

Address : 888 Moo 5 Pattaya, Bang Lamung, Chonburi 20150

Sampling Site : Grande Centre Point Space Pattaya

Sampling by : Test Tech Co., Ltd.

Sampling Date : 12/07/2023

Received Date : 12/07/2023

Report Date : 18/07/2023

Sample Type : Swimming Water

Sampling Method : Grab

Sampling Time : 10:10 AM

Analytical Date : 12 - 17/07/2023

Report No. : R16937/66

Parameters	Unit	Method	TW15902 /66	TW15903 /66	Standard ^a
			Swimming Pool (Sky Pool)	Swimming Pool (Water Park)	
pH (25°C)	-	Based on SM 2017 (4500-H ⁺ B)	7.4	7.5	7.2-8.4
Residual Chlorine	mg/L as Cl ₂	DPD Colorimetric	0.92	0.94	0.6-1.0
Sample Condition		Observation	Clear	Clear	

Remark : 1. SM 2017 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017

2. a : Bangkok Metropolitan Administration published in the Royal Government Gazette, Vol.104, Part 205, dated October 14, B.E.2530 (1987)

R. Prangtip

Miss PRANGTIP RAKSASUK

Analyst

18/07/2023

บริษัท เทสท์ เทค จำกัด

TEST TECH CO., LTD.

Miss ORASA YUBUA

Technical Manager

18/07/2023

Reported results refer to the sample as received only.

Test report shall not be reproduced except in full, without written approved of the laboratory.



Analysis/Test Report

Customer Name : Grande Centre Point Space Pattaya

Address : 888 Moo 5 Pattaya, Bang Lamung, Chonburi 20150

Sampling Site : Grande Centre Point Space Pattaya

Sampling by : Test Tech Co., Ltd.

Sampling Date : 12/07/2023

Received Date : 12/07/2023

Report Date : 18/07/2023

Sample Type : Swimming Water

Sampling Method : Grab

Sampling Time : 10:10 AM

Analytical Date : 12 - 17/07/2023

Report No. : R16938/66

Parameters	Unit	Method	TW15902 /66	TW15903 /66	Standard ^a
			Swimming Pool (Sky Pool)	Swimming Pool (Water Park)	
Coliform Bacteria	MPN/100 mL	SM 2017 (9221 B)	< 1.8	< 1.8	< 10
<i>E. coli</i>	/100 mL	SM 2017 (9221 F, Detection)	not found	not found	negative
Sample Condition		Observation	Clear	Clear	

Remark : 1. SM 2017 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017

2. a : Bangkok Metropolitan Administration published in the Royal Government Gazette, Vol.104 ,Part 205,dated October 14, B.E.2530 (1987)

R. Dounghatai

Miss DOUNGHATAI RERMWANICH

Analyst

18/07/2023

Y. Orasa Yubua

Miss ORASA YUBUA

Technical Manager

18/07/2023

Reported results refer to the sample as received only.

Test report shall not be reproduced except in full, without written approved of the laboratory.

Analysis/Test Report

Customer Name : Grande Centre Point Space Pattaya

Address : 888 Moo 5 Pattaya, Bang Lamung, Chonburi 20150

Sampling Site : Grande Centre Point Space Pattaya

Sampling by : Test Tech Co., Ltd.

Sampling Date : 16/08/2023

Received Date : 16/08/2023

Report Date : 22/08/2023

Sample Type : Swimming Water

Sampling Method : Grab

Sampling Time : 10:40 AM

Analytical Date : 16 - 21/08/2023

Report No. : R19753/66

Parameters	Unit	Method	TW18800 /66	TW18801 /66	Standard ^a
			Swimming Pool (Sky Cool)	Swimming Pool (Water Park)	
pH (25°C)	-	Based on SM 2017 (4500-H ⁺ B)	7.5	7.6	7.2-8.4
Residual Chlorine	mg/L as Cl ₂	DPD Colorimetric	0.92	0.97	0.6-1.0
Sample Condition		Observation	Clear	Clear	

Remark : 1. SM 2017 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017

2. a : Bangkok Metropolitan Administration published in the Royal Government Gazette, Vol.104 ,Part 205, dated October 14, B.E.2530 (1987)

R. Prangtip
Miss PRANGTIP RAKSASUK

Analyst

22/08/2023

Orasa Yubua
Miss ORASA YUBUA

Miss ORASA YUBUA

Technical Manager

22/08/2023

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Analysis/Test Report

Customer Name : Grande Centre Point Space Pattaya

Address : 888 Moo 5 Pattaya, Bang Lamung, Chonburi 20150

Sampling Site : Grande Centre Point Space Pattaya

Sampling by : Test Tech Co., Ltd.

Sampling Date : 16/08/2023

Received Date : 16/08/2023

Report Date : 22/08/2023

Sample Type : Swimming Water

Sampling Method : Grab

Sampling Time : 10:40 AM

Analytical Date : 16 - 21/08/2023

Report No. : R19754/66

Parameters	Unit	Method	TW18800 /66	TW18801 /66	Standard ^a
			Swimming Pool (Sky Cool)	Swimming Pool (Water Park)	
Coliform Bacteria	MPN/100 mL	SM 2017 (9221 B)	< 1.8	< 1.8	< 10
<i>E. coli</i>	/100 mL	SM 2017 (9221 F, Detection)	not found	not found	negative
Sample Condition		Observation	Clear	Clear	

Remark : 1. SM 2017 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017

2. a : Bangkok Metropolitan Administration published in the Royal Government Gazette, Vol.104 ,Part 205,dated October 14, B.E.2530 (1987)

R. Dounghatai

Miss DOUNGHATAI RERMWANICH

Analyst

22/08/2023



Miss ORASA YUBUA

Technical Manager

22/08/2023

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Analysis/Test Report

Customer Name : Grande Centre Point Space Pattaya

Address : 888 Moo 5 Pattaya, Bang Lamung, Chonburi 20150

Sampling Site : Grande Centre Point Space Pattaya

Sampling by : Test Tech Co., Ltd.

Sampling Date : 13/09/2023

Received Date : 13/09/2023

Report Date : 19/09/2023

Sample Type : Swimming Water

Sampling Method : Grab

Sampling Time : 10:20 AM

Analytical Date : 13 - 18/09/2023

Report No. : R22207/66

Parameters	Unit	Method	TW20950 /66	TW20951 /66	Standard ^a
			Swimming Pool (Sky Cool)	Swimming Pool (Water Park)	
pH (25°C)	-	Based on SM 203 (4500-H ⁺ B)	7.4	7.3	7.2-8.4
Residual Chlorine	mg/L as Cl ₂	DPD Colorimetric	0.94	0.95	0.6-1.0
Sample Condition		Observation	Clear	Clear	

Remark : 1. SM 203 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 20232. a : Bangkok Metropolitan Administration published in the Royal Government Gazette, Vol.104 ,Part 205,dated October 14,
B.E.2530 (1987)

R. Prangtip

Miss PRANGTIP RAKSASUK

Analyst

19/09/2023



Miss ORASA YUBUA
TEST TECH CO., LTD.
Technical Manager

19/09/2023

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



Analysis/Test Report

Customer Name : Grande Centre Point Space Pattaya

Address : 888 Moo 5 Pattaya, Bang Lamung, Chonburi 20150

Sampling Site : Grande Centre Point Space Pattaya

Sampling by : Test Tech Co., Ltd.

Sampling Date : 13/09/2023

Received Date : 13/09/2023

Report Date : 19/09/2023

Sample Type : Swimming Water

Sampling Method : Grab

Sampling Time : 10:20 AM

Analytical Date : 13 - 18/09/2023

Report No. : R22208/66

Parameters	Unit	Method	TW20950 /66	TW20951 /66	Standard ^a
			Swimming Pool (Sky Cool)	Swimming Pool (Water Park)	
Coliform Bacteria	MPN/100 mL	SM 2023 (9221 B)	< 1.8	< 1.8	< 10
<i>E. coli</i>	/100 mL	SM 2023 (9221 F, Detection)	not found	not found	negative
Sample Condition		Observation	Clear	Clear	

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

2. a : Bangkok Metropolitan Administration published in the Royal Government Gazette, Vol.104 ,Part 205,dated October 14, B.E.2530 (1987)

R. Dounghatai

Miss DOUNGHATAI RERMWANICH

Analyst

19/09/2023

Y. [Signature]
Miss ORASA LTD YUBUA

Technical Manager

19/09/2023

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

Analysis/Test Report

Customer Name : Grande Centre Point Space Pattaya

Address : 888 Moo 5 Pattaya, Bang Lamung, Chonburi 20150

Sampling Site : Grande Centre Point Space Pattaya

Sampling by : Test Tech Co., Ltd.

Sampling Date : 11/10/2023

Received Date : 11/10/2023

Report Date : 17/10/2023

Sample Type : Swimming Water

Sampling Method : Grab

Sampling Time : 10:30 AM

Analytical Date : 11 - 14/10/2023

Report No. : R24475/66

Parameters	Unit	Method	TW23309 /66	TW23310 /66	Standard ^a
			Swimming Pool (Sky Cool)	Swimming Pool (Water Park)	
pH (25°C)	-	Based on SM 2023 (4500-H ⁺ B)	7.4	7.6	7.2-8.4
Residual Chlorine	mg/L as Cl ₂	DPD Colorimetric	0.91	0.82	0.6-1.0
Sample Condition			Clear	Clear	

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

2. a : Bangkok Metropolitan Administration published in the Royal Government Gazette, Vol.104, Part 205, dated October 14, B.E.2530 (1987)

R. Prangtip

Miss PRANGTIP RAKSASUK

Analyst

17/10/2023



Technical Manager

17/10/2023

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



Analysis/Test Report

Customer Name : Grande Centre Point Space Pattaya

Address : 888 Moo 5 Pattaya, Bang Lamung, Chonburi 20150

Sampling Site : Grande Centre Point Space Pattaya

Sampling by : Test Tech Co., Ltd.

Sampling Date : 11/10/2023

Received Date : 11/10/2023

Report Date : 17/10/2023

Sample Type : Swimming Water

Sampling Method : Grab

Sampling Time : 10:30 AM

Analytical Date : 11 - 14/10/2023

Report No. : R24476/66

Parameters	Unit	Method	TW23309 /66	TW23310 /66	Standard ^a
			Swimming Pool (Sky Cool)	Swimming Pool (Water Park)	
Coliform Bacteria	MPN/100 mL	SM 2023 (9221 B)	< 1.8	< 1.8	< 10
<i>E. coli</i>	/100 mL	SM 2023 (9221 F, Detection)	not found	not found	negative
Sample Condition		Observation	Clear	Clear	

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

2. a : Bangkok Metropolitan Administration published in the Royal Government Gazette, Vol.104 ,Part 205,dated October 14,
B.E.2530 (1987)

R. Dounghatai

Miss DOUNGHATAI RERMWANICH

Analyst

17/10/2023



Miss ORASA YUBUA

Technical Manager

17/10/2023

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Analysis/Test Report

Customer Name : Grande Centre Point Space Pattaya

Address : 888 Moo 5 Pattaya, Bang Lamung, Chonburi 20150

Sampling Site : Grande Centre Point Space Pattaya

Sampling by : Test Tech Co., Ltd.

Sampling Date : 07/11/2023

Received Date : 08/11/2023

Report Date : 11/11/2023

Sample Type : Swimming Water

Sampling Method : Grab

Sampling Time : 01:30 PM

Analytical Date : 08 - 10/11/2023

Report No. : R26464/66

Parameters	Unit	Method	TW25225 /66	TW25226 /66	Standard ^a
			Swimming Pool (Sky Cool)	Swimming Pool (Water Park)	
Coliform Bacteria	MPN/100 mL	SM 2023 (9221 B)	< 1.8	< 1.8	< 10
<i>E. coli</i>	/100 mL	SM 2023 (9221 F, Detection)	not found	not found	negative
Sample Condition		Observation	Clear	Clear	

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

2. a : Bangkok Metropolitan Administration published in the Royal Government Gazette, Vol.104 ,Part 205,dated October 14, B.E.2530 (1987)

R. Dounghatai

Miss DOUNGHATAI RERMWANICH

Analyst

11/11/2023



Miss ORASA YUBUA
TEST TECH CO., LTD.

Technical Manager

11/11/2023

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

Analysis/Test Report

Customer Name : Grande Centre Point Space Pattaya

Address : 888 Moo 5 Pattaya, Bang Lamung, Chonburi 20150

Sampling Site : Grande Centre Point Space Pattaya

Sampling by : Test Tech Co., Ltd.

Sampling Date : 07/11/2023

Received Date : 08/11/2023

Report Date : 11/11/2023

Sample Type : Swimming Water

Sampling Method : Grab

Sampling Time : 01:30 PM

Analytical Date : 08 - 10/11/2023

Report No. : R26463/66

Parameters	Unit	Method	TW25225 /66	TW25226 /66	Standard ^a
			Swimming Pool (Sky Cool)	Swimming Pool (Water Park)	
pH (25°C)	-	Based on SM 2023 (4500-H ⁺ B)	7.5	7.6	7.2-8.4
Residual Chlorine	mg/L as Cl ₂	DPD Colorimetric	0.91	0.82	0.6-1.0
Sample Condition		Observation	Clear	Clear	

Remark : 1. SM 2023 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 20232. a : Bangkok Metropolitan Administration published in the Royal Government Gazette, Vol.104 ,Part 205,dated October 14,
B.E.2530 (1987)

R. Prangtip

Miss PRANGTIP RAKSASUK

Analyst

11/11/2023



Miss ORASA YUBUA

Technical Manager

11/11/2023

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Analysis/Test Report

Customer Name : บริษัท แอล แอนด์ เอช โฮเทล แมเนจเม้นท์ จำกัด (สาขาที่ 00006)

Address : เลขที่ 888 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง จังหวัดชลบุรี 20150

Sampling Site : Grande Centre Point Space Pattaya

Sampling by : Test Tech Co., Ltd.

Sampling Date : 14/12/2023

Received Date : 14/12/2023

Report Date : 09/01/2024

Sample Type : Swimming Water

Sampling Method : Grab

Sampling Time : 09:40 AM

Analytical Date : 14 - 18/12/2023

Report No. : R29835-3/66

Parameters	Unit	Method	TW28505 /66	TW28506 /66	Standard ^a
			Swimming Pool (Sky Cool)	Swimming Pool (Water Park)	
pH (25°C)	-	Based on SM 2023 (4500-H ⁺ B)	7.6	7.7	7.2-8.4
Residual Chlorine	mg/L as Cl ₂	DPD Colorimetric	0.91	0.82	0.6-1.0
Sample Condition		Observation	Clear	Clear	

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

2. a : Bangkok Metropolitan Administration published in the Royal Government Gazette, Vol.104, Part 205, dated October 14, B.E.2530 (1987)

R. Prangtip

Miss PRANGTIP RAKSASUK

Analyst

09/01/2024



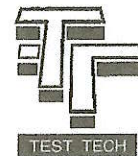
Technical Manager

09/01/2024

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



Analysis/Test Report

Customer Name : บริษัท แอล แอนด์ เอช โฮเทล แมเนจเม้นท์ จำกัด (สาขาที่ 00006)

Address : เลขที่ 888 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง จังหวัดชลบุรี 20150

Sampling Site : Grande Centre Point Space Pattaya

Sample Type : Swimming Water

Sampling by : Test Tech Co., Ltd.

Sampling Method : Grab

Sampling Date : 14/12/2023

Sampling Time : 09:40 AM

Received Date : 14/12/2023

Analytical Date : 14 - 18/12/2023

Report Date : 09/01/2024

Report No. : R29836-3/66

Parameters	Unit	Method	TW28505 /66	TW28506 /66	Standard ^a
			Swimming Pool (Sky Cool)	Swimming Pool (Water Park)	
Coliform Bacteria	MPN/100 mL	SM 2023 (9221 B)	< 1.8	< 1.8	< 10
<i>E. coli</i>	/100 mL	SM 2023 (9221 F, Detection)	not found	not found	negative
Sample Condition		Observation	Clear	Clear	

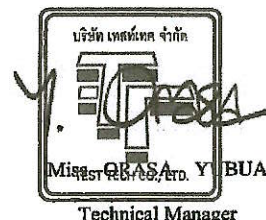
Remark : 1. SM 2023 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 20232. a : Bangkok Metropolitan Administration published in the Royal Government Gazette, Vol.104 ,Part 205,dated October 14,
B.E.2530 (1987)

E. Nisachol

Miss NISACHOL EUNGKLIENG

Analyst

09/01/2024



Technical Manager

09/01/2024

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