

## 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

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 : 12/01/2023

Received Date : 12/01/2023

Report Date : 20/01/2023

Sample Type : Waste Water

Sampling Method : Grab

Sampling Time : 10:20 AM

Analytical Date : 12 - 19/01/2023

Report No. : R01641/66

Parameters	Unit	Method	TW00905 /66	Standard <sup>a</sup> (Type A)
			Waste Water	
pH	-	SM 2017 (4500-H <sup>+</sup> B)	5.8	5.0 - 9.0
BOD	mg/L	SM 2017 (5210 B, 4500-O G)	12	≤ 20
* Total Suspended Solids	mg/L	SM 2017 (2540 D)	4	≤ 30
Total Dissolved Solids	mg/L	Based on SM 2017 (2540 C)	446	500 <sup>xx</sup>
Oil & Grease	mg/L	SM 2017 (5520 D)	< 3.0	≤ 20
Total Kjeldahl Nitrogen	mg/L as N	SM 2017 (4500 N <sub>org</sub> B)	2.5	≤ 35
* Sulfide	mg/L as H <sub>2</sub> 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, 23<sup>rd</sup> 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)

<sup>xx</sup> These values are in addition to the TDS of the water used.

S. Chonnikarn  
Miss CHONNIKARN SITTIPORM

Analyst  
20/01/2023



Miss ORASA YUBUA

Technical Manager  
20/01/2023

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 : 09/02/2023

Received Date : 10/02/2023

Report Date : 17/02/2023

Sample Type : Waste Water

Sampling Method : Grab

Sampling Time : 01:30 PM

Analytical Date : 10 - 16/02/2023

Report No. : R04057/66

Parameters	Unit	Method	TW03319 /66	Standard <sup>a</sup> (Type A)
			Waste Water	
pH	-	SM 2017 (4500-H <sup>+</sup> B)	5.2	5.0 - 9.0
BOD	mg/L	SM 2017 (5210 B, 4500-O G)	18	≤ 20
Total Suspended Solids	mg/L	SM 2017 (2540 D)	39	≤ 30
Total Dissolved Solids	mg/L	Based on SM 2017 (2540 C)	488	500 <sup>xx</sup>
Oil & Grease	mg/L	SM 2017 (5520 D)	< 3.0	≤ 20
Total Kjeldahl Nitrogen	mg/L as N	SM 2017 (4500 N <sub>org</sub> B)	8.0	≤ 35
* Sulfide	mg/L as H <sub>2</sub> 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 2017 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23<sup>rd</sup> 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)

<sup>xx</sup> These values are in addition to the TDS of the water used.

K. Nattakarn

Miss NATTAKARN KWANSRI

Analyst

17/02/2023



Miss ORASA YUBUA

Technical Manager

17/02/2023

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 : 15/03/2023

Received Date : 15/03/2023

Report Date : 23/03/2023

Sample Type : Waste Water

Sampling Method : Grab

Sampling Time : 10:00 AM

Analytical Date : 15 - 22/03/2023

Report No. : R06854/66

Parameters	Unit	Method	TW05978 /66	Standard <sup>a</sup> (Type A)
			Waste Water	
pH	-	SM 2017 (4500-H <sup>+</sup> B)	6.8	5.0 - 9.0
BOD	mg/L	SM 2017 (5210 B, 4500-O G)	20	≤ 20
* Total Suspended Solids	mg/L	SM 2017 (2540 D)	17	≤ 30
Total Dissolved Solids	mg/L	Based on SM 2017 (2540 C)	272	500 <sup>xx</sup>
Oil & Grease	mg/L	SM 2017 (5520 D)	< 3.0	≤ 20
Total Kjeldahl Nitrogen	mg/L as N	SM 2017 (4500 N <sub>org</sub> B)	4.2	≤ 35
* Sulfide	mg/L as H <sub>2</sub> 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, 23<sup>rd</sup> 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)

<sup>xx</sup> These values are in addition to the TDS of the water used.

S. Chonnikarn  
Miss CHONNIKARN SITTIPORM

Analyst

23/03/2023

บริษัท เทสท์ เทค จำกัด  
TEST TECH CO., LTD.  
Miss ORASA YUBUA

Technical Manager

23/03/2023

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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 : 19/04/2023

Received Date : 19/04/2023

Report Date : 29/04/2023

Sample Type : Waste Water

Sampling Method : Grab

Sampling Time : 10:20 AM

Analytical Date : 19 - 27/04/2023

Report No. : R09674/66

Parameters	Unit	Method	TW08582 /66	Standard <sup>a</sup> (Type A)
			Waste Water	
pH	-	SM 2017 (4500-H <sup>+</sup> B)	6.3	5.0 - 9.0
BOD	mg/L	SM 2017 (5210 B, 4500-O G)	19	≤ 20
* Total Suspended Solids	mg/L	SM 2017 (2540 D)	18	≤ 30
Total Dissolved Solids	mg/L	Based on SM 2017 (2540 C)	496	500 <sup>xx</sup>
Oil & Grease	mg/L	SM 2017 (5520 D)	< 3.0	≤ 20
Total Kjeldahl Nitrogen	mg/L as N	SM 2017 (4500 N <sub>org</sub> B)	7.7	≤ 35
* Sulfide	mg/L as H <sub>2</sub> S	Iodometric	< 0.30	≤ 1.0
* Settleable Solids	mL/L	Volumetric Test	< 0.5	≤ 0.5
Sample Condition		Observation	Light Yellow, Brown Particles	

Remark : 1. SM 2017 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23<sup>rd</sup> 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)

<sup>xx</sup> These values are in addition to the TDS of the water used.
  
 Miss KUTTLEEYA HAWHAN

Analyst

29/04/2023

  
 Miss ORASA YUBUA

Technical Manager

29/04/2023

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 : 16/05/2023

Received Date : 16/05/2023

Report Date : 25/05/2023

Sample Type : Waste Water

Sampling Method : Grab

Sampling Time : 10:30 AM

Analytical Date : 16 - 24/05/2023

Report No. : R12028/66

Parameters	Unit	Method	TW10820 /66	Standard <sup>a</sup>
			Waste Water	(Type A)
pH	-	SM 2017 (4500-H <sup>+</sup> B)	6.6	5.0 - 9.0
* BOD	mg/L	SM 2017 (5210 B, 4500-O G)	6.7	≤ 20
Total Suspended Solids	mg/L	SM 2017 (2540 D)	25	≤ 30
Total Dissolved Solids	mg/L	Based on SM 2017 (2540 C)	392	500 <sup>xx</sup>
Oil & Grease	mg/L	SM 2017 (5520 D)	< 3.0	≤ 20
Total Kjeldahl Nitrogen	mg/L as N	SM 2017 (4500 N <sub>org</sub> B)	12.6	≤ 35
* Sulfide	mg/L as H <sub>2</sub> S	Iodometric	< 0.30	≤ 1.0
* Settleable Solids	mL/L	Volumetric Test	< 0.5	≤ 0.5
Sample Condition		Observation	Light Yellow, Brown Particles	

- Remark : 1. SM 2017 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23<sup>rd</sup> 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)
- <sup>xx</sup> These values are in addition to the TDS of the water used.
4. TW10820 /66 Sample were added TCMP (Nitrification inhibitor) before analyte BOD follow Standards Method APHA ,AWWA, WEF 23<sup>rd</sup> Edition 2017 : 5210 B No. 5e-1.

  
Miss KUTLEEYA HAWHAN

Analyst

25/05/2023

  
Miss ORASA YUBUA

Technical Manager

25/05/2023

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 : 14/06/2023

Received Date : 14/06/2023

Report Date : 23/06/2023

Sample Type : Waste Water

Sampling Method : Grab

Sampling Time : 11:00 AM

Analytical Date : 14 - 22/06/2023

Report No. : R14469/66

Parameters	Unit	Method	TW13307 /66	Standard <sup>a</sup> (Type A)
			Waste Water	
pH	-	SM 2017 (4500-H <sup>+</sup> B)	6.0	5.0 - 9.0
BOD	mg/L	SM 2017 (5210 B, 4500-O G)	30	≤ 20
Total Suspended Solids	mg/L	SM 2017 (2540 D)	43	≤ 30
Total Dissolved Solids	mg/L	Based on SM 2017 (2540 C)	484	500 <sup>xx</sup>
Oil & Grease	mg/L	SM 2017 (5520 D)	< 3.0	≤ 20
Total Kjeldahl Nitrogen	mg/L as N	SM 2017 (4500 N <sub>org</sub> B)	10.5	≤ 35
* Sulfide	mg/L as H <sub>2</sub> 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 2017 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23<sup>rd</sup> 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)

<sup>xx</sup> These values are in addition to the TDS of the water used.

  
Miss KUTLEEYA HAWHAN

Analyst

23/06/2023


  
Miss ORASA YUBUA

Technical Manager

23/06/2023

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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 : 12/01/2023

Received Date : 12/01/2023

Report Date : 18/01/2023

Sample Type : Swimming Water

Sampling Method : Grab

Sampling Time : 10:20 AM

Analytical Date : 12 - 16/01/2023

Report No. : R01440/66

Parameters	Unit	Method	TW00903 /66	TW00904 /66	Standard <sup>a</sup>
			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, 23<sup>rd</sup> 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

18/01/2023



Y. Orasa

Miss ORASA YUBUA

Technical Manager

18/01/2023

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 : 12/01/2023

Received Date : 12/01/2023

Report Date : 18/01/2023

Sample Type : Swimming Water

Sampling Method : Grab

Sampling Time : 10:20 AM

Analytical Date : 12 - 16/01/2023

Report No. : R01439/66

Parameters	Unit	Method	TW00903 /66	TW00904 /66	Standard <sup>a</sup>
			Swimming Pool (Sky Cool)	Swimming Pool (Water Park)	
pH (25°C)	-	Based on SM 2017 (4500-H <sup>+</sup> B)	7.4	7.3	7.2-8.4
Residual Chlorine	mg/L as Cl <sub>2</sub>	DPD Colorimetric	1.82	1.21	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, 23<sup>rd</sup> ed., 2017

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

K. Kankamon  
Miss KANKAMON KHAYA

Analyst

18/01/2023

  
 Miss ORASA YUBUA

Technical Manager

18/01/2023

Reported results refer to the sample as received only.

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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 : 09/02/2023

Received Date : 10/02/2023

Report Date : 14/02/2023

Sample Type : Swimming Water

Sampling Method : Grab

Sampling Time : 01:30 PM

Analytical Date : 10 - 13/02/2023

Report No. : R03589/66

Parameters	Unit	Method	TW03317 /66	TW03318 /66	Standard <sup>a</sup>
			Swimming Pool (Sky Cool)	Swimming Pool (Water Park)	
pH (25°C)	-	Based on SM 2017 (4500-H <sup>+</sup> B)	7.6	7.8	7.2-8.4
Residual Chlorine	mg/L as Cl <sub>2</sub>	DPD Colorimetric	0.92	1.21	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, 23<sup>rd</sup> ed., 20172. a : Bangkok Metropolitan Administration published in the Royal Government Gazette, Vol.104 ,Part 205,dated October 14,  
B.E.2530 (1987)K. Kankamon  
Miss KANKAMON KHAYA

Analyst

14/02/2023



Miss ORASA YUBUA

Technical Manager

14/02/2023

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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 : 09/02/2023

Received Date : 10/02/2023

Report Date : 14/02/2023

Sample Type : Swimming Water

Sampling Method : Grab

Sampling Time : 01:30 PM

Analytical Date : 10 - 13/02/2023

Report No. : R03590/66

Parameters	Unit	Method	TW03317 /66	TW03318 /66	Standard <sup>a</sup>
			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, 23<sup>rd</sup> ed., 2017

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

Miss DOUNGHATAI RERMWANICH

Analyst

14/02/2023



Miss ORASA YUBUA

Technical Manager

14/02/2023

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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 : 15/03/2023

Received Date : 15/03/2023

Report Date : 22/03/2023

Sample Type : Swimming Water

Sampling Method : Grab

Sampling Time : 10:30 AM

Analytical Date : 15 - 21/03/2023

Report No. : R06780/66

Parameters	Unit	Method	TW05970 /66	TW05971 /66	Standard <sup>a</sup>
			Swimming Pool (Sky Cool)	Swimming Pool (Water Park)	
pH (25°C)	-	Based on SM 2017 (4500-H <sup>+</sup> B)	7.3	7.4	7.2-8.4
Residual Chlorine	mg/L as Cl <sub>2</sub>	DPD Colorimetric	0.91	0.92	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, 23<sup>rd</sup> ed., 2017

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

K.Kankamon  
Miss KANKAMON KHAYA

Analyst

22/03/2023



Miss ORASA YUBUA

Technical Manager

22/03/2023

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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 : 15/03/2023

Received Date : 15/03/2023

Report Date : 22/03/2023

Sample Type : Swimming Water

Sampling Method : Grab

Sampling Time : 10:30 AM

Analytical Date : 15 - 21/03/2023

Report No. : R06781/66

Parameters	Unit	Method	TW05970 /66	TW05971 /66	Standard <sup>a</sup>
			Swimming Pool (Sky Cool)	Swimming Pool (Water Park)	
Coliform Bacteria	MPN/100 mL	SM 2017 (9221 B)	< 1.8	9.3	< 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, 23<sup>rd</sup> 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

22/03/2023



Miss ORASA YUBUA

Technical Manager

22/03/2023

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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 : 19/04/2023

Received Date : 19/04/2023

Report Date : 25/04/2023

Sample Type : Swimming Water

Sampling Method : Grab

Sampling Time : 10:40 AM

Analytical Date : 19 - 24/04/2023

Report No. : R09197/66

Parameters	Unit	Method	TW08580 /66	TW08581 /66	Standard <sup>a</sup>
			Swimming Pool (Sky Cool)	Swimming Pool (Water Park)	
pH (25°C)	-	Based on SM 2017 (4500-H <sup>+</sup> B)	7.5	7.4	7.2-8.4
Residual Chlorine	mg/L as Cl <sub>2</sub>	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, 23<sup>rd</sup> ed., 20172. a : Bangkok Metropolitan Administration published in the Royal Government Gazette, Vol.104 ,Part 205,dated October 14,  
B.E.2530 (1987)K.Kankamon  
Miss KANKAMON KHAYA

Analyst

25/04/2023



Miss ORASA YUBUA

Technical Manager

25/04/2023

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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 : 19/04/2023

Received Date : 19/04/2023

Report Date : 25/04/2023

Sample Type : Swimming Water

Sampling Method : Grab

Sampling Time : 10:40 AM

Analytical Date : 19 - 24/04/2023

Report No. : R09198/66

Parameters	Unit	Method	TW08580 /66	TW08581 /66	Standard <sup>a</sup>
			Swimming Pool (Sky Cool)	Swimming Pool (Water Park)	
Coliform Bacteria	MPN/100 mL	SM 2017 (9221 B)	< 1.8	< 1.8	< 10
E. coli	/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, 23<sup>rd</sup> 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. Daughatai

Miss DOUGHATAI RERWANICH

Analyst

25/04/2023



Miss ORASA YUBUA

Technical Manager

25/04/2023

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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 : 16/05/2023

Received Date : 16/05/2023

Report Date : 22/05/2023

Sample Type : Swimming Water

Sampling Method : Grab

Sampling Time : 10:30 AM

Analytical Date : 16 - 20/05/2023

Report No. : R11652/66

Parameters	Unit	Method	TW10818 /66	TW10819 /66	Standard <sup>a</sup>
			Swimming Pool (Sky Cool)	Swimming Pool (Water Park)	
pH (25°C)	-	Based on SM 2017 (4500-H <sup>+</sup> B)	7.4	7.5	7.2-8.4
Residual Chlorine	mg/L as Cl <sub>2</sub>	DPD Colorimetric	0.94	0.92	0.6-1.0
Sample Condition		Observation	Clear	Clear	

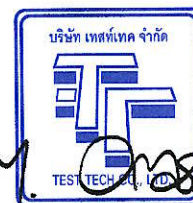
Remark : 1. SM 2017 : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23<sup>rd</sup> ed., 2017

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

K. Kankamon  
Miss KANKAMON KHAYA

Analyst

22/05/2023



Miss ORASA YUBUA

Technical Manager

22/05/2023

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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 : 16/05/2023

Received Date : 16/05/2023

Report Date : 22/05/2023

Sample Type : Swimming Water

Sampling Method : Grab

Sampling Time : 10:30 AM

Analytical Date : 16 - 20/05/2023

Report No. : R11653/66

Parameters	Unit	Method	TW10818 /66	TW10819 /66	Standard <sup>a</sup>
			Swimming Pool (Sky Cool)	Swimming Pool (Water Park)	
Coliform Bacteria	MPN/100 mL	SM 2017 (9221 B)	< 1.8	< 1.8	< 10
E. coli	/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, 23<sup>rd</sup> 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

22/05/2023



Miss ORASA YUBUA

Technical Manager

22/05/2023

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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 : 14/06/2023

Received Date : 14/06/2023

Report Date : 20/06/2023

Sample Type : Swimming Water

Sampling Method : Grab

Sampling Time : 11:00 AM

Analytical Date : 14 - 19/06/2023

Report No. : R14197/66

Parameters	Unit	Method	TW13305 /66	TW13306 /66	Standard <sup>a</sup>
			Swimming Pool (Sky Cool)	Swimming Pool (Water Park)	
pH (25°C)	-	Based on SM 2017 (4500-H <sup>+</sup> B)	7.4	7.5	7.2-8.4
Residual Chlorine	mg/L as Cl <sub>2</sub>	DPD Colorimetric	0.91	0.96	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, 23<sup>rd</sup> ed., 2017

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

K. Kankamon  
Miss KANKAMON KHAYA

Analyst

20/06/2023



Miss ORASA YUBUA

Technical Manager

20/06/2023

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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 : 14/06/2023

Received Date : 14/06/2023

Report Date : 20/06/2023

Sample Type : Swimming Water

Sampling Method : Grab

Sampling Time : 11:00 AM

Analytical Date : 14 - 19/06/2023

Report No. : R14198/66

Parameters	Unit	Method	TW13305 /66	TW13306 /66	Standard <sup>a</sup>
			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, 23<sup>rd</sup> 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

20/06/2023



Miss ORASA YUBUA

Technical Manager

20/06/2023

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