

ภาคผนวกที่ 1 บันทึกรายละเอียดของสถิติและข้อมูลซึ่งแสดงผลการทำงาน
ของระบบบำบัดน้ำเสีย (ตั้งแต่เดือน มกราคม-มิถุนายน 2567)

รายงานผลน้ำเสีย ประจำเดือน มกราคม 2567



บริษัท วนาดอล จำกัด
WANADOL CO., LTD.

2/25 ถนนวิภาวดีรังสิต แขวงจตุจักร เขตจตุจักร กรุงเทพฯ 10210 โทร.02-565-4406 แฟกซ์.02-000-2060
Email: wanadol_eng@hotmail.com Tax ID: No: 0105539065936

ANALYSIS REPORT

R. 0240 / 2024

January 23, 2024

Customer Name **Anantara Huahin Resort & Spa**
43/ 1 Hua Hin 5/2 Alley, Hua Hin, Hua Hin, Prachuap Khiri Khan 77110
Samples Source **Wastewater Treatment Plant : EQ. Tank & Lagoon**
Sampling Date / Time January 12, 2024 / 10 : 00 am. – 10 : 10 am.
Testing Date January 13 – 19, 2024
Sampling By Wanadol Co., Ltd. Registration No. 100-48-0019
Analysis By Environment & Laboratory Co., Ltd. Registration No. 1.029
Sampling Method Grab

Characteristics	Unit	Method Of Analysis	EQ-Tank	Lagoon	Effluent Standards A*
1. pH at 25 °C	-	WTM03	7.04	7.55	5.5 - 9.0
2. BOD at 20 °C	mg./ L.	WTM43	113	6.40	≤ 20
3. Suspended Solids (SS)	mg./ L.	WTM01	61.5	8.20	≤ 30
4. Total Nitrogen (TN)	mg./ L.	Maero-Kjeldahl	122	12.0	≤ 35
5. Fat, Oil & Grease (FOG)	mg./ L.	Partition & Gravimetric	3.88	1.80	≤ 20
6. Settleable Solids	mL/ L.	Volumetric	0.7	< 0.5	≤ 0.5
7. Sulfide (H ₂ S)	mg./ L.	Iodometric	1.20	< 1.0	≤ 1.0
Sample Condition			Turbid liquid	Rather clear	

Standards : Notification of the Ministry of Natural Resources and Environment : Building Effluents Standards dated November 07, B.E. 2548 (2005) published in the Royal Government Gazette, Vol. 122 Part 125 D, dated December 29, B.E. 2548(2005)

Remark : WTM03 ; Standards Method for the Examination of water and Wastewater, APHA, AWWA, WEF 23rd Edition 2017, part 4500-H+R
WTM43 ; Standards Method for the Examination of water and Wastewater, APHA, AWWA, WEF 23rd Edition 2017, part 5210H and part 4500-O C
WTM01 ; Standards Method for the Examination of water and Wastewater, APHA, AWWA, WEF 23rd Edition 2017, part 2540 D

The Effluent at Lagoon Of Anantara Huahin Resort & Spa In January 2024 Met The Effluent Standards.

N. Sookchai

(Ms. Noochnapa Sookchai)
Registration No. 100-48-00191

รายงานผลน้ำเสีย ประจำเดือน กุมภาพันธ์ 2567



บริษัท วนาดอล จำกัด
WANADOL CO., LTD.

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ANALYSIS REPORT

R. 0497 / 2024

February 29, 2024

Customer Name : **Anantara Huahin Resort & Spa**
43/ 1 Hua Hin 5/2 Alley, Hua Hin, Hua Hin, Prachuap Khiri Khan 77110
Samples Source : **Wastewater Treatment Plant : EQ, Tank & Lagoon**
Sampling Date / Time : February 16, 2024 / 13 : 50 pm. – 13 : 55 pm.
Testing Date : February 17 – 23, 2024
Sampling By : Wanadol Co., Ltd. Registration No. 100-48-0019
Analysis By : Environment & Laboratory Co., Ltd. Registration No. 1.029
Sampling Method : Grab

Characteristics	Unit	Method Of Analysis	EQ-Tank	Lagoon	Effluent Standards A*
1. pH at 25 °C	-	WTM03	7.10	7.45	5.5 - 9.0
2. BOD at 20 °C	mg / L	WTM43	120	5.80	≤ 20
3. Suspended Solids (SS)	mg / L	WTM01	71.5	6.00	≤ 30
4. Total Nitrogen (TN)	mg / L	Macro-Kjeldahl	88.0	4.40	≤ 35
5. Fat, Oil & Grease (FOG)	mg / L	Partition & Gravimetric	12.0	0.90	≤ 20
6. Settleable Solids	ml / L	Volumetric	0.7	< 0.5	≤ 0.5
7. Sulfide (H ₂ S)	mg / L	Iodometric	1.55	< 1.0	≤ 1.0
Sample Condition			Turbid liquid	Rather clear	

Standards : Notification of the Ministry of Natural Resources and Environment : Building Effluents Standards dated November 07, B.E. 2548 (2005)
published in the Royal Government Gazette, Vol. 122 Part 125 D, dated December 29, B.E. 2548(2005)

Remark : WTM03 : Standards Method for the Examination of water and Wastewater, APHA, AWWA, WEF 23rd Edition 2017, part 4500-H+B
WTM43 : Standards Method for the Examination of water and Wastewater, APHA, AWWA, WEF 23rd Edition 2017, part 5210B and
part 4500-O C
WTM01 : Standards Method for the Examination of water and Wastewater, APHA, AWWA, WEF 23rd Edition 2017, part 2540 D

The Effluent at Lagoon Of Anantara Huahin Resort & Spa In February 2024 Met The Effluent Standards.

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รายงานผลน้ำเสีย ประจำเดือน มีนาคม 2567



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ANALYSIS REPORT

R. 0661 / 2024

March 22, 2024

Customer Name

Anantara Huahin Resort & Spa

43/ 1 Hua Hin 5/2 Alley, Hua Hin, Hua Hin, Prachuap Khiri Khan 77110

Samples Source

Wastewater Treatment Plant : EQ. Tank & Lagoon

Sampling Date / Time

March 11, 2024 / 11 : 40 am. – 11 : 50 am.

Testing Date

March 12 – 18, 2024

Sampling By

Wanadol Co., Ltd. Registration No. 100-48-0019

Analysis By

Environment & Laboratory Co., Ltd. Registration No. 2.029

Sampling Method

Grab

Characteristics	Unit	Method Of Analysis	EQ-Tank	Lagoon	Effluent Standards A*
1. pH at 25 °C	-	APHA : 4500-H(B)	6.96	7.50	5.5 - 9.0
2. BOD at 20 °C	mg/ L.	APHA : 4500-O(C)5210B	139	6.20	≤ 20
3. Suspended Solids (SS)	mg/ L.	APHA : 2540 D	105	5.40	≤ 30
4. Total Nitrogen (TN)	mg/ L.	APHA : 4500-Norg(B)	128	10.5	≤ 35
5. Fat, Oil & Grease (FOG)	mg/ L.	APHA : 2540	20.5	0.85	≤ 20
6. Settleable Solids	ml./ L.	Volumetric	0.8	< 0.5	≤ 0.5
7. Sulfide (H ₂ S)	mg/ L.	APHA : 4500	2.10	< 1.0	≤ 1.0
Sample Condition			Turbid liquid	Rather clear	

Standards : Notification of the Ministry of Natural Resources and Environment : Building Effluents Standards dated November 07, B.E. 2548 (2005)
published in the Royal Government Gazette, Vol. 122 Part 125 D, dated December 29, B.E. 2548(2005)

Remark : WTM03 : Standards Method for the Examination of water and Wastewater, APHA, AWWA, WEF 23rd Edition 2017, part 4500-H+B
WTM43 : Standards Method for the Examination of water and Wastewater, APHA, AWWA, WEF 23rd Edition 2017, part 5210B and
part 4500-O C
WTM01 : Standards Method for the Examination of water and Wastewater, APHA, AWWA, WEF 23rd Edition 2017, part 2540 D

The Effluent at Lagoon Of Anantara Huahin Resort & Spa In March 2024 Met The Effluent Standards.

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รายงานผลน้ำเสีย ประจำเดือน เมษายน 2567



บริษัท วนาดอล จำกัด
WANADOL CO., LTD.

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ANALYSIS REPORT

R. 1070 / 2024

April 30, 2024

Customer Name: **Anantara Huahin Resort & Spa**
43/ 1 Hua Hin 5/2 Alley, Hua Hin, Hua Hin, Prachuap Khiri Khan 77110

Samples Source: **Wastewater Treatment Plant : EQ. Tank & Lagoon**

Sampling Date / Time: April 19, 2024 / 10 : 30 am. – 10 : 40 am.

Testing Date: April 20 – 26, 2024

Sampling By: Wanadol Co., Ltd. Registration No. 100-48-0019

Analysis By: Environment & Laboratory Co., Ltd. Registration No. 1.029

Sampling Method: Grab

Characteristics	Unit	Method Of Analysis	EQ-Tank	Lagoon	Effluent Standards A*
1. pH at 25 °C	-	APHA : 4500-H(H)	6.80	7.40	5.5 - 9.0
2. BOD at 20 °C	mg / L	APHA : 4500-O(C)/5210H	152	5.90	≤ 20
3. Suspended Solids (SS)	mg / L	APHA : 2540 D	81.0	5.50	≤ 30
4. Total Nitrogen (TN)	mg / L	APHA : 4500-Norg(H)	130	6.00	≤ 35
5. Fat, Oil & Grease (FOG)	mg / L	APHA : 2540	24.0	0.75	≤ 20
6. Settleable Solids	ml / L	APHA : 2540 F	0.7	< 0.5	≤ 0.5
7. Sulfide (H ₂ S)	mg / L	APHA : 4500	2.20	< 1.0	≤ 1.0
Sample Condition			Turbid grey	Rather clear	

Standards : Notification of the Ministry of Natural Resources and Environment : Building Effluents Standards dated November 07, B.E. 2548 (2005)
published in the Royal Government Gazette, Vol. 122 Part 125 D, dated December 29, B.E. 2548(2005)

The Effluent at Lagoon Of Anantara Huahin Resort & Spa In April 2024 Met The Effluent Standards.

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รายงานผลน้ำเสีย ประจำเดือน พฤษภาคม 2567



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ANALYSIS REPORT

R. 1415 / 2024

May 31, 2024

Customer Name **Anantara Huahin Resort & Spa**
43/ 1 Hua Hin 5/2 Alley, Hua Hin, Hua Hin, Prachuap Khiri Khan 77110

Samples Source **Wastewater Treatment Plant : EQ. Tank & Lagoon**

Sampling Date / Time May 20, 2024 / 13 : 10 pm. – 13 : 20 pm.

Testing Date May 21 – 27, 2024

Sampling By Wanadol Co., Ltd. Registration No. 100-48-0019

Analysis By Environment & Laboratory Co., Ltd. Registration No. 1.029

Sampling Method Grab

Characteristics	Unit	Method Of Analysis	EQ-Tank	Lagoon	Effluent Standards A*
1. pH at 25 °C	-	APHA : 4500-H(B)	7.10	7.60	5.5 - 9.0
2. BOD at 20 °C	mg./ L.	APHA : 4500-O(C)5210B	110	5.20	≤ 20
3. Suspended Solids (SS)	mg./ L.	APHA : 2540 D	41.5	4.80	≤ 30
4. Total Nitrogen (TN)	mg./ L.	APHA : 4500-Norg(B)	95.0	6.24	≤ 35
5. Fat, Oil & Grease (FOG)	mg./ L.	APHA : 2540	14.4	0.90	≤ 20
6. Settleable Solids	ml./ L.	APHA : 2540 F	0.5	< 0.5	≤ 0.5
7. Sulfide (H ₂ S)	mg./ L.	APHA : 4500	1.90	< 1.0	≤ 1.0
Sample Condition			Turbid grey	Rather clear	

Standards : Notification of the Ministry of Natural Resources and Environment : Building Effluents Standards dated November 07, B.E. 2546 (2005)
published in the Royal Government Gazette, Vol. 122 Part 125 D, dated December 29, B.E. 2546(2005)

The Effluent at Lagoon Of Anantara Huahin Resort & Spa In May 2024 Met The Effluent Standards.

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รายงานผลน้ำเสีย ประจำเดือน มิถุนายน 2567



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ANALYSIS REPORT

R. 1785 / 2024

July 8, 2024

Customer Name Anantara Huahin Resort & Spa
43/ 1 Hua Hin 5/2 Alley, Hua Hin, Hua Hin, Prachuap Khiri Khan 77110
Samples Source Wastewater Treatment Plant : EQ, Tank & Lagoon
Sampling Date / Time June 24, 2024 / 14 : 00 pm. – 14 : 20 pm.
Testing Date June 25 – July 2, 2024
Sampling By Wanadol Co., Ltd. Registration No. 100-48-0019
Analysis By Environment & Laboratory Co., Ltd. Registration No. 1029
Sampling Method Grab

Characteristics	Unit	Method Of Analysis	EQ Tank	Lagoon	Effluent Standards A*
1. pH at 25 °C	-	APHA : 4500-H(H)	7.15	7.40	5.5 - 9.0
2. HOD at 20 °C	mg / L	APHA : 4500-O(C)5210H	91.0	6.20	≤ 20
3. Suspended Solids (SS)	mg / L	APHA : 2540 D	38.6	5.00	≤ 30
4. Total Nitrogen (TN)	mg / L	APHA : 4500-Norg(H)	72.0	4.04	≤ 35
5. Fat, Oil & Grease (FOG)	mg / L	APHA : 5520 H	10.0	0.85	≤ 20
6. Settleable Solids	mL / L	APHA : 2540 F	0.5	< 0.5	≤ 0.5
7. Sulfide (H ₂ S)	mg / L	APHA : 4500-S-(F)	1.11	< 1.0	≤ 1.0
Sample Condition			Turbid grey	Rather clear	

Standards : Notification of the Ministry of Natural Resources and Environment : Building Effluents Standards dated November 07, B.E. 2548 (2005)
published in the Royal Government Gazette, Vol. 122 Part 125 D, dated December 29, B.E. 2548(2005)

The Effluent at Lagoon Of Anantara Huahin Resort & Spa In June 2024 Met The Effluent Standards.

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