

ภาคผนวก ค

ใบรับรองผลการตรวจวิเคราะห์คุณภาพสิ่งแวดล้อม

ภาคผนวก ค-1

ผลการตรวจวิเคราะห์คุณภาพน้ำทิ้ง



Analysis / Test Report

TESTING
No.0009

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 252062

Date Received : Jan 08, 2025

Date Reported : Jan 15, 2025

Report Number : 3214395-1

Page 1 of 2

| | |
|--------------------------------|--|
| Sample Number | 252062-8 |
| Sampled Date | Jan 08, 2025 9:30 AM |
| Sample Description | Wastewater |
| Location | ระบบบำบัด |
| Date Analysis Commenced | Jan 09, 2025 |
| Condition of Sample | Contained in two BOD bottles, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 2.1 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.8 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 724 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Chulladet Warin ทะเบียนเลขที่ ว-204-จ-0029

Remark :

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

Technical Management



Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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.
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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ชองนนทบุรี

TESTING

No.0009

Lot ID: 252062

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Page 2 of 2

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

Technical Management



Sawitree Noisangiam
Manager

ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

TESTING
No.0009

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 252062

Date Received : Jan 08, 2025
Date Reported : Jan 15, 2025
Report Number : 3214395-2

Page 1 of 1

| | |
|--------------------------------|--|
| Sample Number | 252062-8 |
| Sampled Date | Jan 08, 2025 9:30 AM |
| Sample Description | Wastewater |
| Location | ระบบบำบัด |
| Date Analysis Commenced | Jan 09, 2025 |
| Condition of Sample | Contained in two BOD bottles, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|---------|---|------------------|
| Microbiological Testing | | | | | | |
| Total Coliform | MPN/100mL | - | - | 22000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Bangkok |

Sampling By : Chulladet Warin

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Approved by



Suwannee Chuamkeaw
Section Head

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P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 252062

Date Received : Jan 08, 2025

Date Reported : Jan 15, 2025

Report Number : 3214395-3

Page 1 of 1

| | |
|--------------------------------|--|
| Sample Number | 252062-8 |
| Sampled Date | Jan 08, 2025 9:30 AM |
| Sample Description | Wastewater |
| Location | ระบบบำบัด |
| Date Analysis Commenced | Jan 13, 2025 |
| Condition of Sample | Contained in two BOD bottles, one amber glass bottle and 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 | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 7.3 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Chulladet Warin

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Approved by



Suwimon Chairuangwut
Scientist (3)

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Project Location: คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 252062

Date Received : Jan 08, 2025

Date Reported : Jan 15, 2025

Report Number : 3214396-1

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| | | | | | | | |
|--------------------------------|--|--|--|--|--|--|--|
| Sample Number | 252062-9 | | | | | | |
| Sampled Date | Jan 08, 2025 9:25 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อ 4 | | | | | | |
| Date Analysis Commenced | Jan 09, 2025 | | | | | | |
| Condition of Sample | Contained in two BOD bottles, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|------|--------|-----------|---------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | <0.0005 | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | <2.0 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.8 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 800 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Chulladet Warin ทะเบียนเลขที่ ว-204-จ-0029

Remark :

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Technical Management



Sawitree Noisangiam
Manager

ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

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P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ชองนนทบุรี

TESTING

No.0009

Lot ID: 252062

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Technical Management



Sawitree Noisangiam
Manager

ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

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No.0009

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 252062

Date Received : Jan 08, 2025
Date Reported : Jan 15, 2025
Report Number : 3214396-2

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| | |
|--------------------------------|--|
| Sample Number | 252062-9 |
| Sampled Date | Jan 08, 2025 9:25 AM |
| Sample Description | Wastewater |
| Location | บ่อ 4 |
| Date Analysis Commenced | Jan 09, 2025 |
| Condition of Sample | Contained in two BOD bottles, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|--------|---|------------------|
| Microbiological Testing | | | | | | |
| Total Coliform | MPN/100mL | - | - | 790.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Bangkok |

Sampling By : Chulladet Warin

Remark :

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Approved by



Suwannee Chuamkeaw
Section Head

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P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 252062

Date Received : Jan 08, 2025

Date Reported : Jan 15, 2025

Report Number : 3214396-3

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| | | | | | | | |
|--------------------------------|--|--|--|--|--|--|--|
| Sample Number | 252062-9 | | | | | | |
| Sampled Date | Jan 08, 2025 9:25 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อ 4 | | | | | | |
| Date Analysis Commenced | Jan 13, 2025 | | | | | | |
| Condition of Sample | Contained in two BOD bottles, one amber glass bottle and 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 | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 8.3 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

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Suwimon Chairuangwut
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P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 252062

Date Received : Jan 08, 2025

Date Reported : Jan 15, 2025

Report Number : 3214392-1

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| | |
|--------------------------------|--|
| Sample Number | 252062-5 |
| Sampled Date | Jan 08, 2025 9:24 AM |
| Sample Description | Wastewater |
| Location | บ่อ 5 |
| Date Analysis Commenced | Jan 09, 2025 |
| Condition of Sample | Contained in two BOD bottles, 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 |
|--|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | <2.0 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.8 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 784 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Chulladet Warin ทะเบียนเลขที่ ว-204-จ-0029

Remark :

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Technical Management



Sawitree Noisangiam
Manager

ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ชองนนทบุรี

TESTING

No.0009

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

Technical Management



Sawitree Noisangiam
Manager

ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
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P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 252062

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Date Reported : Jan 15, 2025

Report Number : 3214392-2

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| | | | | | | | |
|--------------------------------|--|--|--|--|--|--|--|
| Sample Number | 252062-5 | | | | | | |
| Sampled Date | Jan 08, 2025 9:24 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อ 5 | | | | | | |
| Date Analysis Commenced | Jan 13, 2025 | | | | | | |
| Condition of Sample | Contained in two BOD bottles, 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 | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 7.3 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Chulladet Warin

Remark :

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

Approved by

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Sawimon Chaidangwut
Scientist (3)

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P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 252062

Date Received : Jan 08, 2025

Date Reported : Jan 15, 2025

Report Number : 3214393-1

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| | |
|--------------------------------|--|
| Sample Number | 252062-6 |
| Sampled Date | Jan 08, 2025 9:23 AM |
| Sample Description | Wastewater |
| Location | บ่อ 7 |
| Date Analysis Commenced | Jan 09, 2025 |
| Condition of Sample | Contained in two BOD bottles, 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 |
|--|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 2.0 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.8 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 912 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Chulladet Warin ทะเบียนเลขที่ ว-204-จ-0029

Remark :

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

Technical Management



Sawitree Noisangiam
Manager

ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager

ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

TESTING

No.0009

Lot ID: 252062

Date Received : Jan 08, 2025

Date Reported : Jan 15, 2025

Report Number : 3214393-1

Page 2 of 2

- 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.

Technical Management



Sawitree Noisangiam
Manager

ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 252062

Date Received : Jan 08, 2025

Date Reported : Jan 15, 2025

Report Number : 3214393-2

Page 1 of 1

| | | | | | | | |
|--------------------------------|--|--|--|--|--|--|--|
| Sample Number | 252062-6 | | | | | | |
| Sampled Date | Jan 08, 2025 9:23 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อ 7 | | | | | | |
| Date Analysis Commenced | Jan 13, 2025 | | | | | | |
| Condition of Sample | Contained in two BOD bottles, 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 | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 7.8 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Chulladet Warin

Remark :

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

Approved by



Suwimon Chairuangwut
Scientist (3)

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Analysis / Test Report

TESTING
No.0009

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเซลส์ของนทรี

Lot ID: 252062

Date Received : Jan 08, 2025

Date Reported : Jan 15, 2025

Report Number : 3214394-1

Page 1 of 2

| | |
|--------------------------------|--|
| Sample Number | 252062-7 |
| Sampled Date | Jan 08, 2025 9:20 AM |
| Sample Description | Wastewater |
| Location | บ่อ 9 |
| Date Analysis Commenced | Jan 09, 2025 |
| Condition of Sample | Contained in two BOD bottles, 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 |
|--|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | <2.0 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.7 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 524 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Chulladet Warin ทะเบียนเลขที่ ว-204-จ-0029

Remark :

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

Technical Management



Sawitree Noisangiam
Manager

ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ชองนนทบุรี

TESTING

No.0009

Lot ID: 252062

Date Received : Jan 08, 2025

Date Reported : Jan 15, 2025

Report Number : 3214394-1

Page 2 of 2

- 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.

Technical Management



Sawitree Noisangiam
Manager

ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager

ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 252062

Date Received : Jan 08, 2025

Date Reported : Jan 15, 2025

Report Number : 3214394-2

Page 1 of 1

| | | | | | | | |
|--------------------------------|--|--|--|--|--|--|--|
| Sample Number | 252062-7 | | | | | | |
| Sampled Date | Jan 08, 2025 9:20 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อ 9 | | | | | | |
| Date Analysis Commenced | Jan 13, 2025 | | | | | | |
| Condition of Sample | Contained in two BOD bottles, 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 | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 8.2 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Chulladet Warin

Remark :

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Approved by



Suwimon Chairuangwut
Scientist (3)

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ของนทรี

TESTING

No.0009

Lot ID: 252064

Date Received : Feb 05, 2025

Date Reported : Feb 13, 2025

Report Number : 3233742-1

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 252064-8 |
| Sampled Date | Feb 05, 2025 8:50 AM |
| Sample Description | Wastewater |
| Location | ระบบบำบัด |
| Date Analysis Commenced | Feb 06, 2025 |
| Condition of Sample | Contained in one amber glass bottle and 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 | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | <2.0 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| 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) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 1032 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong ทะเบียนเลขที่ ว-204-จ-0082

Remark :

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



Siriluk Bunnak
Section Head

ทะเบียนเลขที่ ว-204-จ-0013

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

TESTING

No.0009

Lot ID: 252064

Date Received : Feb 05, 2025

Date Reported : Feb 14, 2025

Report Number : 3233742-2

Page 1 of 1

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 252064-8 | | | | | | |
| Sampled Date | Feb 05, 2025 8:50 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | ระบบบำบัด | | | | | | |
| Date Analysis Commenced | Feb 05, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and 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 | | | | | | | |
| Total Coliform | MPN/100mL | - | - | 240.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Bangkok |
| Water Testing | | | | | | | |
| Dissolved Oxygen (on site) * | mg/L | - | 0.1 | 6.9 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong

Remark :

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Approved by

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Siriluk Bunnak
Section Head

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

TESTING

No.0009

Lot ID: 252064

Date Received : Feb 05, 2025

Date Reported : Feb 14, 2025

Report Number : 3233742-3

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 252064-8 |
| Sampled Date | Feb 05, 2025 8:50 AM |
| Sample Description | Wastewater |
| Location | ระบบบำบัด |
| Date Analysis Commenced | Feb 06, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|-----------------------|------|--------|-----------|---------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | <0.0005 | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong ทะเบียนเลขที่ ว-204-จ-0082

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Technical Management



Chanattagarn Imchom
Section Head
ทะเบียนเลขที่ ว-204-จ-0008

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเซลส์ของนทรี

TESTING
No.0009
Lot ID: 252064
Date Received : Feb 05, 2025
Date Reported : Feb 13, 2025
Report Number : 3233743-1

Page 1 of 1

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 252064-9 | | | | | | |
| Sampled Date | Feb 05, 2025 8:40 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อ 4 | | | | | | |
| Date Analysis Commenced | Feb 06, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and 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 | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | <2.0 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| 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) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 688 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong ทะเบียนเลขที่ ว-204-จ-0082

Remark :

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Technical Management



Siriluk Bunnak
Section Head
ทะเบียนเลขที่ ว-204-จ-0013

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ชองนนทบุรี

TESTING

No.0009

Lot ID: 252064

Date Received : Feb 05, 2025

Date Reported : Feb 14, 2025

Report Number : 3233743-2

Page 1 of 1

| Sample Number | 252064-9 | | | | | | |
|--------------------------------|---|-----|-----------|--------|---------------------------|---|------------------|
| Sampled Date | Feb 05, 2025 8:40 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อ 4 | | | | | | |
| Date Analysis Commenced | Feb 05, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and 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 | | | | | | | |
| Total Coliform | MPN/100mL | - | - | 790.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Bangkok |
| Water Testing | | | | | | | |
| Dissolved Oxygen (on site) * | mg/L | - | 0.1 | 7.2 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong

Remark :

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

Approved by

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Siriluk Bunnak
Section Head

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197
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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

TESTING

No.0009

Lot ID: 252064

Date Received : Feb 05, 2025

Date Reported : Feb 13, 2025

Report Number : 3233743-3

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 252064-9 |
| Sampled Date | Feb 05, 2025 8:40 AM |
| Sample Description | Wastewater |
| Location | บ่อ 4 |
| Date Analysis Commenced | Feb 06, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|-----------------------|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong ทะเบียนเลขที่ ว-204-จ-0082

Remark :

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Technical Management



Chanattagarn Imchom

Section Head

ทะเบียนเลขที่ ว-204-จ-0008

Approved by



Kanokkorn Anek

Assistant General Manager

ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ของนทรี

TESTING

No.0009

Lot ID: 252064

Date Received : Feb 05, 2025

Date Reported : Feb 13, 2025

Report Number : 3233739-1

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 252064-5 |
| Sampled Date | Feb 05, 2025 8:30 AM |
| Sample Description | Wastewater |
| Location | บ่อ 5 |
| Date Analysis Commenced | Feb 06, 2025 |
| 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 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| 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) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 1116 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong ทะเบียนเลขที่ ว-204-จ-0082

Remark :

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Technical Management



Siriluk Bunnak
Section Head

ทะเบียนเลขที่ ว-204-จ-0013

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

TESTING

No.0009

Lot ID: 252064

Date Received : Feb 05, 2025

Date Reported : Feb 13, 2025

Report Number : 3233739-2

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 252064-5 |
| Sampled Date | Feb 05, 2025 8:30 AM |
| Sample Description | Wastewater |
| Location | บ่อ 5 |
| Date Analysis Commenced | Feb 06, 2025 |
| 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 |
|-----------------------|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong ทะเบียนเลขที่ ว-204-จ-0082

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Technical Management

Chanattagarn Imchom
Section Head
ทะเบียนเลขที่ ว-204-จ-0008

Approved by

Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 252064

Date Received : Feb 05, 2025

Date Reported : Feb 13, 2025

Report Number : 3233739-3

Page 1 of 1

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 252064-5 | | | | | | |
| Sampled Date | Feb 05, 2025 8:30 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อ 5 | | | | | | |
| Date Analysis Commenced | Feb 06, 2025 | | | | | | |
| 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 | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 7.6 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

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Siriluk Bunnak
Section Head



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ของนนทบุรี

TESTING

No.0009

Lot ID: 252064

Date Received : Feb 05, 2025

Date Reported : Feb 13, 2025

Report Number : 3233740-1

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 252064-6 |
| Sampled Date | Feb 05, 2025 8:25 AM |
| Sample Description | Wastewater |
| Location | บ่อ 7 |
| Date Analysis Commenced | Feb 06, 2025 |
| 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 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| 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) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 920 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong ทะเบียนเลขที่ ว-204-จ-0082

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Technical Management



Siriluk Bunnak
Section Head

ทะเบียนเลขที่ ว-204-จ-0013

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ของนนทบุรี

TESTING
No.0009
Lot ID: 252064
Date Received : Feb 05, 2025
Date Reported : Feb 13, 2025
Report Number : 3233740-2

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 252064-6 |
| Sampled Date | Feb 05, 2025 8:25 AM |
| Sample Description | Wastewater |
| Location | บ่อ 7 |
| Date Analysis Commenced | Feb 06, 2025 |
| 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 |
|-----------------------|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).
Sampling By : Pichai Boonyong ทะเบียนเลขที่ ว-204-จ-0082

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Technical Management



Chanattagarn Imchom
Section Head
ทะเบียนเลขที่ ว-204-จ-0008

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 252064

Date Received : Feb 05, 2025

Date Reported : Feb 13, 2025

Report Number : 3233740-3

Page 1 of 1

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 252064-6 | | | | | | |
| Sampled Date | Feb 05, 2025 8:25 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อ 7 | | | | | | |
| Date Analysis Commenced | Feb 06, 2025 | | | | | | |
| 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 | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 7.9 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong

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Siriluk Bunnak
Section Head



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ของนทรี

TESTING

No.0009

Lot ID: 252064

Date Received : Feb 05, 2025

Date Reported : Feb 13, 2025

Report Number : 3233741-1

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 252064-7 |
| Sampled Date | Feb 05, 2025 8:10 AM |
| Sample Description | Wastewater |
| Location | บ่อ 9 |
| Date Analysis Commenced | Feb 06, 2025 |
| 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 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| 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) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 564 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |


Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong ทะเบียนเลขที่ ว-204-จ-0082


Remark :

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Technical Management


Siriluk Bunnak
Section Head
ทะเบียนเลขที่ ว-204-จ-0013

Approved by


Kanokorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

TESTING

No.0009

Lot ID: 252064

Date Received : Feb 05, 2025

Date Reported : Feb 13, 2025

Report Number : 3233741-2

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 252064-7 |
| Sampled Date | Feb 05, 2025 8:10 AM |
| Sample Description | Wastewater |
| Location | บ่อ 9 |
| Date Analysis Commenced | Feb 06, 2025 |
| 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 |
|-----------------------|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong ทะเบียนเลขที่ ว-204-จ-0082

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Technical Management

Chanattagarn Imchom
Section Head
ทะเบียนเลขที่ ว-204-จ-0008

Approved by

Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 252064

Date Received : Feb 05, 2025

Date Reported : Feb 13, 2025

Report Number : 3233741-3

Page 1 of 1

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 252064-7 | | | | | | |
| Sampled Date | Feb 05, 2025 8:10 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อ 9 | | | | | | |
| Date Analysis Commenced | Feb 06, 2025 | | | | | | |
| 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 | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 7.5 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong

Remark :

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Approved by



Siriluk Bunnak
Section Head



Analysis / Test Report

TESTING
No.0009

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 253835

Date Received : Mar 05, 2025

Date Reported : Mar 12, 2025

Report Number : 3255928-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 253835-8 |
| Sampled Date | Mar 05, 2025 8:50 AM |
| Sample Description | Wastewater |
| Location | ระบบบำบัด |
| Date Analysis Commenced | Mar 06, 2025 |
| 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 |
|--|------|--------|-----------|---------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | <0.0005 | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | <2.0 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.8 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 220 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Panupong Homewong ทะเบียนเลขที่ ว-204-จ-0083

Remark :

- LOD : Limit of Detection

Technical Management



Sawitree Noisangiam
Manager

ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

TESTING
No.0009

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 253835

Date Received : Mar 05, 2025
Date Reported : Mar 12, 2025
Report Number : 3255928-1

Page 2 of 2

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

Technical Management



Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

TESTING
No.0009

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 253835

Date Received : Mar 05, 2025
Date Reported : Mar 12, 2025
Report Number : 3255928-2

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 253835-8 |
| Sampled Date | Mar 05, 2025 8:50 AM |
| Sample Description | Wastewater |
| Location | ระบบบำบัด |
| Date Analysis Commenced | Mar 06, 2025 |
| 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 | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|--------|---|------------------|
| Microbiological Testing | | | | | | |
| Total Coliform | MPN/100mL | - | - | 7900.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Bangkok |

Sampling By : Panupong Homewong

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by



Sithichok Thongnguen
Scientist (3)

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



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 253835

Date Received : Mar 05, 2025

Date Reported : Mar 12, 2025

Report Number : 3255928-3

Page 1 of 1

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 253835-8 | | | | | | |
| Sampled Date | Mar 05, 2025 8:50 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | ระบบบำบัด | | | | | | |
| Date Analysis Commenced | Mar 06, 2025 | | | | | | |
| 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 | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 6.6 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Panupong Homewong

Remark :

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

Approved by

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

Siriluk Bunnak
Section Head

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



Analysis / Test Report

TESTING
No.0009

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 253835

Date Received : Mar 05, 2025
Date Reported : Mar 12, 2025
Report Number : 3255929-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 253835-9 |
| Sampled Date | Mar 05, 2025 8:38 AM |
| Sample Description | Wastewater |
| Location | บ่อ 4 |
| Date Analysis Commenced | Mar 06, 2025 |
| 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 |
|--|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | <2.0 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.7 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 324 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Panupong Homewong ทะเบียนเลขที่ ว-204-จ-0083

Remark :
- LOD : Limit of Detection

Technical Management



Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

TESTING
No.0009

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 253835

Date Received : Mar 05, 2025

Date Reported : Mar 12, 2025

Report Number : 3255929-1

Page 2 of 2

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

Technical Management



Sawitree Noisangiam
Manager

ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Life Sciences

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RIGHT SOLUTIONS RIGHT PARTNER



Analysis / Test Report

TESTING
No.0009

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 253835

Date Received : Mar 05, 2025
Date Reported : Mar 12, 2025
Report Number : 3255929-2

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 253835-9 |
| Sampled Date | Mar 05, 2025 8:38 AM |
| Sample Description | Wastewater |
| Location | บ่อ 4 |
| Date Analysis Commenced | Mar 06, 2025 |
| 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 | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|--------|---|------------------|
| Microbiological Testing | | | | | | |
| Total Coliform | MPN/100mL | - | - | 79.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Bangkok |

Sampling By : Panupong Homewong

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by



Sithichok Thongnguen
Scientist (3)

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 253835

Date Received : Mar 05, 2025
Date Reported : Mar 12, 2025
Report Number : 3255929-3

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 253835-9 |
| Sampled Date | Mar 05, 2025 8:38 AM |
| Sample Description | Wastewater |
| Location | บ่อ 4 |
| Date Analysis Commenced | Mar 06, 2025 |
| 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 | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 6.8 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Panupong Homewong ทะเบียนเลขที่ ว-204-จ-0083

Remark :

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

Technical Management



Siriluk Bunnak
Section Head

ทะเบียนเลขที่ ว-204-จ-0013

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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



TESTING
No.0009

Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 253835

Date Received : Mar 05, 2025
Date Reported : Mar 12, 2025
Report Number : 3255925-1

Page 1 of 2

Sample Number : 253835-5
Sampled Date : Mar 05, 2025 8:35 AM
Sample Description : Wastewater
Location : บ่อ 5
Date Analysis Commenced : Mar 06, 2025
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 |
|--|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | <2.0 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 8.0 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 284 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Panupong Homewong ทะเบียนเลขที่ ว-204-จ-0083

Remark :
- LOD : Limit of Detection

Technical Management

Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-0007

Approved by

Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

TESTING
No.0009

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 253835

Date Received : Mar 05, 2025
Date Reported : Mar 12, 2025
Report Number : 3255925-1

Page 2 of 2

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

Technical Management

Sawitree Noisangiam
Manager

ทะเบียนเลขที่ ว-204-จ-0007

Approved by

Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 253835

Date Received : Mar 05, 2025

Date Reported : Mar 12, 2025

Report Number : 3255925-2

Page 1 of 1

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 253835-5 | | | | | | |
| Sampled Date | Mar 05, 2025 8:35 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อ 5 | | | | | | |
| Date Analysis Commenced | Mar 06, 2025 | | | | | | |
| 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 | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 6.5 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Panupong Homewong

Remark :

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

Approved by



Siriluk Bunnak
Section Head

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



TESTING
No.0009

Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 253835

Date Received : Mar 05, 2025
Date Reported : Mar 12, 2025
Report Number : 3255926-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 253835-6 |
| Sampled Date | Mar 05, 2025 8:30 AM |
| Sample Description | Wastewater |
| Location | บ่อ 7 |
| Date Analysis Commenced | Mar 06, 2025 |
| 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 |
|--|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | <2.0 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.9 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 280 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Panupong Homewong ทะเบียนเลขที่ ว-204-จ-0083

Remark :
- LOD : Limit of Detection

Technical Management

Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-0007

Approved by

Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

TESTING
No.0009

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 253835

Date Received : Mar 05, 2025
Date Reported : Mar 12, 2025
Report Number : 3255926-1

Page 2 of 2

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

Technical Management



Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 253835

Date Received : Mar 05, 2025

Date Reported : Mar 12, 2025

Report Number : 3255926-2

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 253835-6 |
| Sampled Date | Mar 05, 2025 8:30 AM |
| Sample Description | Wastewater |
| Location | บ่อ 7 |
| Date Analysis Commenced | Mar 06, 2025 |
| 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 | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 6.5 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Panupong Homewong

Remark :

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

Approved by



Siriluk Bunnak
Section Head

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



TESTING
No.0009

Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location: คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 253835

Date Received : Mar 05, 2025
Date Reported : Mar 12, 2025
Report Number : 3255927-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 253835-7 |
| Sampled Date | Mar 05, 2025 8:15 AM |
| Sample Description | Wastewater |
| Location | บ่อ 9 |
| Date Analysis Commenced | Mar 06, 2025 |
| 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 |
|--|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | <2.0 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.8 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 236 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Panupong Homewong ทะเบียนเลขที่ ว-204-จ-0083

Remark :
- LOD : Limit of Detection

Technical Management



Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

TESTING
No.0009

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 253835

Date Received : Mar 05, 2025
Date Reported : Mar 12, 2025
Report Number : 3255927-1

Page 2 of 2

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

Technical Management



Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 253835

Date Received : Mar 05, 2025

Date Reported : Mar 12, 2025

Report Number : 3255927-2

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 253835-7 |
| Sampled Date | Mar 05, 2025 8:15 AM |
| Sample Description | Wastewater |
| Location | บ่อ 9 |
| Date Analysis Commenced | Mar 06, 2025 |
| 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 | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 6.5 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Panupong Homewong

Remark :

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

Approved by

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

Siriluk Bunnak
Section Head

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

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RIGHT SOLUTIONS RIGHT PARTNER



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ของนทรี

TESTING
No.0009
Lot ID: 2516176
Date Received : Apr 04, 2025
Date Reported : Apr 11, 2025
Report Number : 3281821-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2516176-8 |
| Sampled Date | Apr 04, 2025 8:40 AM |
| Sample Description | Wastewater |
| Location | ระบบบำบัด |
| Date Analysis Commenced | Apr 05, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | <2.0 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| 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) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 724 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong ทะเบียนเลขที่ ว-204-จ-0082

Remark :

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

Technical Management



Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ชองนนทบุรี

TESTING

No.0009

Lot ID: 2516176

Date Received : Apr 04, 2025

Date Reported : Apr 11, 2025

Report Number : 3281821-1

Page 2 of 2

- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Sawitree Noisangiam
Manager

ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager

ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

TESTING

No.0009

Lot ID: 2516176

Date Received : Apr 04, 2025

Date Reported : Apr 11, 2025

Report Number : 3281821-2

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 2516176-8 |
| Sampled Date | Apr 04, 2025 8:40 AM |
| Sample Description | Wastewater |
| Location | ระบบบำบัด |
| Date Analysis Commenced | Apr 05, 2025 |
| Condition of Sample | Contained in one amber glass bottle and 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 | | | | | | | |
| Total Coliform | MPN/100mL | - | - | 700.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

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

Sitichok Thongnuean
Scientist (3)

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197
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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 2516176

Date Received : Apr 04, 2025

Date Reported : Apr 11, 2025

Report Number : 3281821-3

Page 1 of 1

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2516176-8 | | | | | | |
| Sampled Date | Apr 04, 2025 8:40 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | ระบบบำบัด | | | | | | |
| Date Analysis Commenced | Apr 07, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and 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 | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 6.8 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong

Remark :

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

Approved by

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Simrak Bunrak
Section Head

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197
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Analysis / Test Report

TESTING

No.0009

Lot ID: 2516176

Date Received : Apr 04, 2025

Date Reported : Apr 11, 2025

Report Number : 3281822-1

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ของนทรี

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2516176-9 |
| Sampled Date | Apr 04, 2025 8:30 AM |
| Sample Description | Wastewater |
| Location | บ่อ 4 |
| Date Analysis Commenced | Apr 05, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | <2.0 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| 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) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 976 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong ทะเบียนเลขที่ ว-204-จ-0082

Remark :

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

Technical Management



Sawitree Noisangiam
Manager

ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

TESTING
No.0009
Lot ID: 2516176
Date Received : Apr 04, 2025
Date Reported : Apr 11, 2025
Report Number : 3281822-1

Page 2 of 2

- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

TESTING

No.0009

Lot ID: 2516176

Date Received : Apr 04, 2025

Date Reported : Apr 11, 2025

Report Number : 3281822-2

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 2516176-9 |
| Sampled Date | Apr 04, 2025 8:30 AM |
| Sample Description | Wastewater |
| Location | บ่อ 4 |
| Date Analysis Commenced | Apr 05, 2025 |
| Condition of Sample | Contained in one amber glass bottle and 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 | | | | | | | |
| Total Coliform | MPN/100mL | - | - | 3300.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

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

Sithichok Thongnguen
Scientist (3)

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197
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S:\Reports_All_GL.rpt (6:31PM)



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 2516176

Date Received : Apr 04, 2025

Date Reported : Apr 11, 2025

Report Number : 3281822-3

Page 1 of 1

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2516176-9 | | | | | | |
| Sampled Date | Apr 04, 2025 8:30 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อ 4 | | | | | | |
| Date Analysis Commenced | Apr 07, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and 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 | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 6.5 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong

Remark :

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

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Approved by



Siriluk Bunnak
Section Head



Analysis / Test Report

TESTING

No.0009

Lot ID: 2516176

Date Received : Apr 04, 2025

Date Reported : Apr 11, 2025

Report Number : 3281818-1

Client : The Shell Company of Thailand Limited

10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ของนทรี

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2516176-5 |
| Sampled Date | Apr 04, 2025 8:20 AM |
| Sample Description | Wastewater |
| Location | บ่อ 5 |
| Date Analysis Commenced | Apr 05, 2025 |
| 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 |
|--|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | <2.0 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.4 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 1244 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong ทะเบียนเลขที่ ว-204-จ-0082

Remark :

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

Technical Management

Sawitree Noisangiam

Manager

ทะเบียนเลขที่ ว-204-จ-0007

Approved by

Kanokkorn Anek

Assistant General Manager

ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

TESTING
No.0009
Lot ID: 2516176
Date Received : Apr 04, 2025
Date Reported : Apr 11, 2025
Report Number : 3281818-1

Page 2 of 2

- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 2516176

Date Received : Apr 04, 2025

Date Reported : Apr 11, 2025

Report Number : 3281818-2

Page 1 of 1

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2516176-5 | | | | | | |
| Sampled Date | Apr 04, 2025 8:20 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อ 5 | | | | | | |
| Date Analysis Commenced | Apr 07, 2025 | | | | | | |
| 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 | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 6.5 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong

Remark :

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

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

Approved by



Siriluk Bunnak
Section Head



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

TESTING

No.0009

Lot ID: 2516176

Date Received : Apr 04, 2025

Date Reported : Apr 11, 2025

Report Number : 3281819-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2516176-6 |
| Sampled Date | Apr 04, 2025 8:15 AM |
| Sample Description | Wastewater |
| Location | บ่อ 7 |
| Date Analysis Commenced | Apr 05, 2025 |
| 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 |
|--|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | <2.0 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.4 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 1112 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong ทะเบียนเลขที่ ว-204-จ-0082

Remark :

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

Technical Management



Sawitree Noisangiam
Manager

ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

TESTING
No.0009
Lot ID: 2516176
Date Received : Apr 04, 2025
Date Reported : Apr 11, 2025
Report Number : 3281819-1

Page 2 of 2

- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 2516176

Date Received : Apr 04, 2025

Date Reported : Apr 11, 2025

Report Number : 3281819-2

Page 1 of 1

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2516176-6 | | | | | | |
| Sampled Date | Apr 04, 2025 8:15 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อ 7 | | | | | | |
| Date Analysis Commenced | Apr 07, 2025 | | | | | | |
| 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 | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 6.6 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong

Remark :

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

Approved by

Siriluk Bunnak
Section Head

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



Analysis / Test Report

TESTING

No.0009

Lot ID: 2516176

Date Received : Apr 04, 2025

Date Reported : Apr 11, 2025

Report Number : 3281820-1

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2516176-7 |
| Sampled Date | Apr 04, 2025 8:00 AM |
| Sample Description | Wastewater |
| Location | บ่อ 9 |
| Date Analysis Commenced | Apr 05, 2025 |
| 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 |
|--|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | <2.0 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.4 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 1520 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong ทะเบียนเลขที่ ว-204-จ-0082

Remark :

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

Technical Management



Sawitree Noisangiam
Manager

ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager

ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

TESTING
No.0009
Lot ID: 2516176
Date Received : Apr 04, 2025
Date Reported : Apr 11, 2025
Report Number : 3281820-1

Page 2 of 2

- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 2516176

Date Received : Apr 04, 2025

Date Reported : Apr 11, 2025

Report Number : 3281820-2

Page 1 of 1

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2516176-7 | | | | | | |
| Sampled Date | Apr 04, 2025 8:00 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อ 9 | | | | | | |
| Date Analysis Commenced | Apr 07, 2025 | | | | | | |
| 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 | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 6.8 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong

Remark :

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

Approved by

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

Siriluk Bunnak
Section Head

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

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2529694

Date Received : May 02, 2025

Date Reported : May 10, 2025

Report Number : 3303101-1

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ของนนทบุรี

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2529694-8 |
| Sampled Date | May 02, 2025 9:15 AM |
| Sample Description | Wastewater |
| Location | ระบบบำบัด |
| Date Analysis Commenced | May 03, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|------|--------|-----------|---------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | <0.0005 | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | <2.0 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.9 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 212 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Panupong Homewong ทะเบียนเลขที่ ว-204-จ-0083

Remark :

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

Technical Management

Chanattagarn Imchom
Section Head
ทะเบียนเลขที่ ว-204-จ-0008

Approved by

Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ชองนนทบุรี

TESTING

No.0009

Lot ID: 2529694

Date Received : May 02, 2025

Date Reported : May 10, 2025

Report Number : 3303101-1

Page 2 of 2

- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Chanattagarn Imchom
Section Head

ทะเบียนเลขที่ ว-204-จ-0008

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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

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Analysis / Test Report

TESTING
No.0009

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 2529694

Date Received : May 02, 2025
Date Reported : May 10, 2025
Report Number : 3303101-2

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 2529694-8 |
| Sampled Date | May 02, 2025 9:15 AM |
| Sample Description | Wastewater |
| Location | ระบบบำบัด |
| Date Analysis Commenced | May 02, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|--------|---|------------------|
| Microbiological Testing | | | | | | |
| Total Coliform | MPN/100mL | - | - | 4900.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Bangkok |

Sampling By : Panupong Homewong

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

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

Approved by



Suwannee Chuamkeaw
Section Head



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 2529694

Date Received : May 02, 2025

Date Reported : May 10, 2025

Report Number : 3303101-3

Page 1 of 1

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2529694-8 | | | | | | |
| Sampled Date | May 02, 2025 9:15 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | ระบบบำบัด | | | | | | |
| Date Analysis Commenced | May 06, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and 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 | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 6.6 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Panupong Homewong

Remark :

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

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

Approved by



Suwimon Chairadangwut
Scientist (3)



Analysis / Test Report

TESTING

No.0009

Lot ID: 2529694

Date Received : May 02, 2025

Date Reported : May 10, 2025

Report Number : 3303102-1

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ของนนทบุรี

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2529694-9 |
| Sampled Date | May 02, 2025 9:05 AM |
| Sample Description | Wastewater |
| Location | บ่อ 4 |
| Date Analysis Commenced | May 03, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | <2.0 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.8 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 372 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Panupong Homewong ทะเบียนเลขที่ ว-204-จ-0083

Remark :

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

Technical Management

Chanattagarn Imchom
Section Head
ทะเบียนเลขที่ ว-204-จ-0008

Approved by

Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

TESTING
No.0009
Lot ID: 2529694
Date Received : May 02, 2025
Date Reported : May 10, 2025
Report Number : 3303102-1

Page 2 of 2

- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Chanattagarn Imchom
Section Head
ทะเบียนเลขที่ ว-204-จ-0008

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

TESTING
No.0009

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 2529694

Date Received : May 02, 2025

Date Reported : May 10, 2025

Report Number : 3303102-2

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 2529694-9 |
| Sampled Date | May 02, 2025 9:05 AM |
| Sample Description | Wastewater |
| Location | บ่อ 4 |
| Date Analysis Commenced | May 02, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|--------|---|------------------|
| Microbiological Testing | | | | | | |
| Total Coliform | MPN/100mL | - | - | 3300.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Bangkok |

Sampling By : Panupong Homewong

Remark :

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

Approved by

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

Suwannee Chuamkeaw
Section Head



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 2529694

Date Received : May 02, 2025

Date Reported : May 10, 2025

Report Number : 3303102-3

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 2529694-9 |
| Sampled Date | May 02, 2025 9:05 AM |
| Sample Description | Wastewater |
| Location | บ่อ 4 |
| Date Analysis Commenced | May 06, 2025 |
| Condition of Sample | Contained in one amber glass bottle and 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 | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 6.4 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Panupong Homewong

Remark :

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

Approved by



Suwimon Chairuangwut
Scientist (3)

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2529694

Date Received : May 02, 2025

Date Reported : May 10, 2025

Report Number : 3303098-1

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ของนนทบุรี

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2529694-5 |
| Sampled Date | May 02, 2025 8:53 AM |
| Sample Description | Wastewater |
| Location | บ่อ 5 |
| Date Analysis Commenced | May 03, 2025 |
| 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 |
|--|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | <2.0 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.9 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 344 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Panupong Homewong ทะเบียนเลขที่ ว-204-จ-0083

Remark :

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

Technical Management



Chanattagarn Imchom
Section Head
ทะเบียนเลขที่ ว-204-จ-0008

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

TESTING
No.0009
Lot ID: 2529694
Date Received : May 02, 2025
Date Reported : May 10, 2025
Report Number : 3303098-1

Page 2 of 2

- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Chanattagarn Imchom
Section Head
ทะเบียนเลขที่ ว-204-จ-0008

Approved by

Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 2529694

Date Received : May 02, 2025

Date Reported : May 10, 2025

Report Number : 3303098-2

Page 1 of 1

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2529694-5 | | | | | | |
| Sampled Date | May 02, 2025 8:53 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อ 5 | | | | | | |
| Date Analysis Commenced | May 06, 2025 | | | | | | |
| 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 | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 6.5 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Panupong Homewong

Remark :

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

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Approved by



Suwimon Chairuangwut
Scientist (3)



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ของนนทบุรี

TESTING

No.0009

Lot ID: 2529694

Date Received : May 02, 2025

Date Reported : May 10, 2025

Report Number : 3303099-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2529694-6 |
| Sampled Date | May 02, 2025 8:50 AM |
| Sample Description | Wastewater |
| Location | บ่อ 7 |
| Date Analysis Commenced | May 03, 2025 |
| 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 |
|--|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | <2.0 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.9 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 248 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Panupong Homewong ทะเบียนเลขที่ ว-204-จ-0083

Remark :

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

Technical Management



Chanattagarn Imchom
Section Head
ทะเบียนเลขที่ ว-204-จ-0008

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

TESTING
No.0009
Lot ID: 2529694
Date Received : May 02, 2025
Date Reported : May 10, 2025
Report Number : 3303099-1

Page 2 of 2

- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Chanattagarn Imchom
Section Head
ทะเบียนเลขที่ ว-204-จ-0008

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 2529694

Date Received : May 02, 2025

Date Reported : May 10, 2025

Report Number : 3303099-2

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 2529694-6 |
| Sampled Date | May 02, 2025 8:50 AM |
| Sample Description | Wastewater |
| Location | บ่อ 7 |
| Date Analysis Commenced | May 06, 2025 |
| 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 | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 5.9 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Panupong Homewong

Remark :

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

Approved by

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

Suwimon Chairuangwut
Scientist (3)

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197
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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ชองนนทบุรี

TESTING

No.0009

Lot ID: 2529694

Date Received : May 02, 2025

Date Reported : May 10, 2025

Report Number : 3303100-1

Page 1 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2529694-7 | | | | | | |
| Sampled Date | May 02, 2025 8:45 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อ 9 | | | | | | |
| Date Analysis Commenced | May 03, 2025 | | | | | | |
| 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 |
|--|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | <2.0 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.8 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 280 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Panupong Homewong ทะเบียนเลขที่ ว-204-จ-0083

Remark :

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

Technical Management

Chanattagarn Imchom
Section Head
ทะเบียนเลขที่ ว-204-จ-0008

Approved by

Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

TESTING
No.0009
Lot ID: 2529694
Date Received : May 02, 2025
Date Reported : May 10, 2025
Report Number : 3303100-1

Page 2 of 2

- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Chanattagarn Imchom
Section Head
ทะเบียนเลขที่ ว-204-จ-0008

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 2529694

Date Received : May 02, 2025

Date Reported : May 10, 2025

Report Number : 3303100-2

Page 1 of 1

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2529694-7 | | | | | | |
| Sampled Date | May 02, 2025 8:45 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อ 9 | | | | | | |
| Date Analysis Commenced | May 06, 2025 | | | | | | |
| 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 | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 6.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Panupong Homewong

Remark :

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

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

Approved by



Suwimon Chairuangwut
Scientist (3)

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

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RIGHT SOLUTIONS RIGHT PARTNER



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ของนนทบุรี

TESTING

No.0009

Lot ID: 2538541

Date Received : Jun 05, 2025

Date Reported : Jun 12, 2025

Report Number : 3332874-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2538541-8 |
| Sampled Date | Jun 05, 2025 9:25 AM |
| Sample Description | Wastewater |
| Location | ระบบบำบัด |
| Date Analysis Commenced | Jun 06, 2025 |
| Condition of Sample | Contained in five plastic bottles and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | <2.0 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| 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) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 140 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong ทะเบียนเลขที่ ว-204-จ-0082

Remark :

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

Technical Management



Sawitree Noisangiam
Manager

ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ชองนนทบุรี

TESTING

No.0009

Lot ID: 2538541

Date Received : Jun 05, 2025

Date Reported : Jun 12, 2025

Report Number : 3332874-1

Page 2 of 2

- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Sawitree Naisangiam
Manager

ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager

ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

TESTING
No.0009

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 2538541

Date Received : Jun 05, 2025
Date Reported : Jun 12, 2025
Report Number : 3332874-2

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 2538541-8 |
| Sampled Date | Jun 05, 2025 9:25 AM |
| Sample Description | Wastewater |
| Location | ระบบบำบัด |
| Date Analysis Commenced | Jun 06, 2025 |
| Condition of Sample | Contained in five plastic bottles and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|--------|---|------------------|
| Microbiological Testing | | | | | | |
| Total Coliform | MPN/100mL | - | - | 70.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Bangkok |

Sampling By : Pichai Boonyong

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

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

Suwannee Chuamkeaw
Section Head



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 2538541

Date Received : Jun 05, 2025

Date Reported : Jun 12, 2025

Report Number : 3332874-3

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 2538541-8 |
| Sampled Date | Jun 05, 2025 9:25 AM |
| Sample Description | Wastewater |
| Location | ระบบบำบัด |
| Date Analysis Commenced | Jun 06, 2025 |
| Condition of Sample | Contained in five plastic bottles and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|----------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 7.2 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong

Remark :

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

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Approved by



Suwimon Chairuangwut
Scientist (3)



Analysis / Test Report

TESTING
No.0009

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 2538541

Date Received : Jun 05, 2025

Date Reported : Jun 12, 2025

Report Number : 3332875-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2538541-9 |
| Sampled Date | Jun 05, 2025 9:16 AM |
| Sample Description | Wastewater |
| Location | บ่อ 4 |
| Date Analysis Commenced | Jun 06, 2025 |
| Condition of Sample | Contained in five plastic bottles and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | <2.0 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.4 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 256 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong ทะเบียนเลขที่ ว-204-จ-0082

Remark :

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

Technical Management



Sawitree Noisangiam
Manager

ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

TESTING
No.0009
Lot ID: 2538541
Date Received : Jun 05, 2025
Date Reported : Jun 12, 2025
Report Number : 3332875-1

Page 2 of 2

- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 2538541

Date Received : Jun 05, 2025
Date Reported : Jun 12, 2025
Report Number : 3332875-2

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 2538541-9 |
| Sampled Date | Jun 05, 2025 9:16 AM |
| Sample Description | Wastewater |
| Location | บ่อ 4 |
| Date Analysis Commenced | Jun 06, 2025 |
| Condition of Sample | Contained in five plastic bottles and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|--------|---|------------------|
| Microbiological Testing | | | | | | |
| Total Coliform | MPN/100mL | - | - | 79.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Bangkok |

Sampling By : Pichai Boonyong

Remark :

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

Approved by

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

Suwannee Chuamkeaw
Section Head



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 2538541

Date Received : Jun 05, 2025

Date Reported : Jun 12, 2025

Report Number : 3332875-3

Page 1 of 1

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2538541-9 | | | | | | |
| Sampled Date | Jun 05, 2025 9:16 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อ 4 | | | | | | |
| Date Analysis Commenced | Jun 06, 2025 | | | | | | |
| Condition of Sample | Contained in five plastic bottles and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|----------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 7.2 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong

Remark :

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

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

Approved by



Suwimon Chairuangwut
Scientist (3)



Analysis / Test Report

TESTING
No.0009

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 2538541

Date Received : Jun 05, 2025

Date Reported : Jun 12, 2025

Report Number : 3332871-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2538541-5 |
| Sampled Date | Jun 05, 2025 8:50 AM |
| Sample Description | Wastewater |
| Location | บ่อ 5 |
| Date Analysis Commenced | Jun 06, 2025 |
| Condition of Sample | Contained in four plastic bottles and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | <2.0 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.4 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 136 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong ทะเบียนเลขที่ ว-204-จ-0082

Remark :

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

Technical Management



Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

TESTING
No.0009
Lot ID: 2538541
Date Received : Jun 05, 2025
Date Reported : Jun 12, 2025
Report Number : 3332871-1

Page 2 of 2

- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 2538541

Date Received : Jun 05, 2025

Date Reported : Jun 12, 2025

Report Number : 3332871-2

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 2538541-5 |
| Sampled Date | Jun 05, 2025 8:50 AM |
| Sample Description | Wastewater |
| Location | บ่อ 5 |
| Date Analysis Commenced | Jun 06, 2025 |
| Condition of Sample | Contained in four plastic bottles and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|----------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 7.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong

Remark :

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

Approved by



Suwimon Chairuangwut
Scientist (3)

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



Analysis / Test Report

TESTING
No.0009

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเซลส์ของนทรี

Lot ID: 2538541

Date Received : Jun 05, 2025

Date Reported : Jun 12, 2025

Report Number : 3332872-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2538541-6 |
| Sampled Date | Jun 05, 2025 8:45 AM |
| Sample Description | Wastewater |
| Location | บ่อ 7 |
| Date Analysis Commenced | Jun 06, 2025 |
| Condition of Sample | Contained in four plastic bottles and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|------|--------|-----------|---------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | <0.0005 | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | <2.0 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.4 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 144 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong ทะเบียนเลขที่ ว-204-จ-0082

Remark :

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

Technical Management



Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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



Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

TESTING
No.0009
Lot ID: 2538541
Date Received : Jun 05, 2025
Date Reported : Jun 12, 2025
Report Number : 3332872-1

Page 2 of 2

- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 2538541

Date Received : Jun 05, 2025

Date Reported : Jun 12, 2025

Report Number : 3332872-2

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 2538541-6 |
| Sampled Date | Jun 05, 2025 8:45 AM |
| Sample Description | Wastewater |
| Location | บ่อ 7 |
| Date Analysis Commenced | Jun 06, 2025 |
| Condition of Sample | Contained in four plastic bottles and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|----------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 6.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong

Remark :

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

Approved by

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

Suwimon Chairuangwut
Scientist (3)

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197
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Analysis / Test Report

TESTING

No.0009

Lot ID: 2538541

Date Received : Jun 05, 2025

Date Reported : Jun 12, 2025

Report Number : 3332873-1

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ของนนทบุรี

Page 1 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2538541-7 | | | | | | |
| Sampled Date | Jun 05, 2025 8:40 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อ 9 | | | | | | |
| Date Analysis Commenced | Jun 06, 2025 | | | | | | |
| Condition of Sample | Contained in four plastic bottles and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|------|--------|-----------|---------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | <0.0005 | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | <2.0 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD | mg/L | - | 25 | <25 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| 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) | Bangkok |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 176 | ≤3000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong ทะเบียนเลขที่ ว-204-จ-0082

Remark :

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

Technical Management


Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-0007

Approved by


Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

TESTING
No.0009
Lot ID: 2538541
Date Received : Jun 05, 2025
Date Reported : Jun 12, 2025
Report Number : 3332873-1

Page 2 of 2

- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 2538541

Date Received : Jun 05, 2025

Date Reported : Jun 12, 2025

Report Number : 3332873-2

Page 1 of 1

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2538541-7 | | | | | | |
| Sampled Date | Jun 05, 2025 8:40 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อ 9 | | | | | | |
| Date Analysis Commenced | Jun 06, 2025 | | | | | | |
| Condition of Sample | Contained in four plastic bottles and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|----------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Dissolved Oxygen (on site) | mg/L | - | 0.1 | 6.5 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pichai Boonyong

Remark :

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

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Approved by



Suwimon Chairuangwut
Scientist (3)

ภาคผนวก ค-2

ผลการตรวจวิเคราะห์คุณภาพน้ำผิวดิน



Analysis / Test Report

TESTING
No.0009

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 252062

Date Received : Jan 08, 2025

Date Reported : Jan 15, 2025

Report Number : 3214388-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 252062-1 |
| Sampled Date | Jan 08, 2025 9:27 AM |
| Sample Description | Natural Water |
| Location | ท่าเรือ 1 |
| Date Analysis Commenced | Jan 09, 2025 |
| Condition of Sample | Contained in two BOD bottles, one amber glass bottle and three 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 | 2.7 | ≤4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD * | mg/L | - | 25 | <25 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Dissolved Oxygen (on site) * | mg/L | - | - | 4.0 | ≥2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.4 | 5.0-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C * | mg/L | - | 5 | 1424 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C * | mg/L | - | 5 | 10 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n': Change from Natural condition not more than 3 degree C

Sampling By : Chulladet Warin

Remark :

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

Approved by



Suwimon Chairuangwut
Scientist (3)

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Analysis / Test Report

TESTING
No.0009

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 252062

Date Received : Jan 08, 2025

Date Reported : Jan 15, 2025

Report Number : 3214388-1

Page 2 of 2

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

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Suwimon Chairdangwut
Scientist (3)

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Analysis / Test Report

TESTING
No.0009

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 252062

Date Received : Jan 08, 2025

Date Reported : Jan 15, 2025

Report Number : 3214389-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 252062-2 |
| Sampled Date | Jan 08, 2025 9:10 AM |
| Sample Description | Natural Water |
| Location | ท่าเรือ4 |
| Date Analysis Commenced | Jan 09, 2025 |
| Condition of Sample | Contained in two BOD bottles, one amber glass bottle and three 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 | 2.5 | ≤4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD * | mg/L | - | 25 | <25 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Dissolved Oxygen (on site) * | mg/L | - | - | 4.5 | ≥2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.5 | 5.0-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C * | mg/L | - | 5 | 1128 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C * | mg/L | - | 5 | 11 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n': Change from Natural condition not more than 3 degree C

Sampling By : Chulladet Warin

Remark :

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Approved by



Scientist (3)

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Analysis / Test Report

TESTING
No.0009

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 252062

Date Received : Jan 08, 2025

Date Reported : Jan 15, 2025

Report Number : 3214389-1

Page 2 of 2

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Suwimon Chairuangwut
Scientist (3)

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

TESTING

No.0009

Lot ID: 252064

Date Received : Feb 05, 2025

Date Reported : Feb 13, 2025

Report Number : 3233735-1

Page 1 of 2

| | |
|--------------------------------|--|
| Sample Number | 252064-1 |
| Sampled Date | Feb 05, 2025 8:35 AM |
| Sample Description | Natural Water |
| Location | ท่าเรือ 1 |
| Date Analysis Commenced | Feb 06, 2025 |
| Condition of Sample | Contained in one amber glass bottle and three 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 | 5.7 | ≤4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD * | mg/L | - | 25 | 53 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Dissolved Oxygen (on site) * | mg/L | - | - | 3.8 | ≥2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.4 | 5.0-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C * | mg/L | - | 5 | 6148 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C * | mg/L | - | 5 | 45 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n': Change from Natural condition not more than 3 degree C

Sampling By : Pichai Boonyong

Remark :

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

Approved by

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Siriluk Bunnak
Section Head

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197
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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

TESTING

No.0009

Lot ID: 252064

Date Received : Feb 05, 2025

Date Reported : Feb 13, 2025

Report Number : 3233735-1

Page 2 of 2

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

Approved by



Siriluk Bunnak
Section Head

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

TESTING

No.0009

Lot ID: 252064

Date Received : Feb 05, 2025

Date Reported : Feb 13, 2025

Report Number : 3233736-1

Page 1 of 2

| | |
|--------------------------------|--|
| Sample Number | 252064-2 |
| Sampled Date | Feb 05, 2025 8:20 AM |
| Sample Description | Natural Water |
| Location | ท่าเรือ4 |
| Date Analysis Commenced | Feb 06, 2025 |
| Condition of Sample | Contained in one amber glass bottle and three 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 | 5.3 | ≤4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD * | mg/L | - | 25 | 41 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Dissolved Oxygen (on site) * | mg/L | - | - | 3.8 | ≥2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.3 | 5.0-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C * | mg/L | - | 5 | 4692 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C * | mg/L | - | 5 | 25 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n': Change from Natural condition not more than 3 degree C

Sampling By : Pichai Boonyong

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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Section Head

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

TESTING

No.0009

Lot ID: 252064

Date Received : Feb 05, 2025

Date Reported : Feb 13, 2025

Report Number : 3233736-1

Page 2 of 2

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TESTING
No.0009

Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 253835

Date Received : Mar 05, 2025

Date Reported : Mar 12, 2025

Report Number : 3255921-1

Page 1 of 2

| | |
|--------------------------------|--|
| Sample Number | 253835-1 |
| Sampled Date | Mar 05, 2025 8:43 AM |
| Sample Description | Natural Water |
| Location | ท่าเรือ 1 |
| Date Analysis Commenced | Mar 06, 2025 |
| Condition of Sample | Contained in one amber glass bottle and three 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 | 3.0 | ≤4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD * | mg/L | - | 25 | 28 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Dissolved Oxygen (on site) * | mg/L | - | - | 1.9 | ≥2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.7 | 5.0-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C * | mg/L | - | 5 | 284 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C * | mg/L | - | 5 | 61 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n': Change from Natural condition not more than 3 degree C

Sampling By : Panupong Homewong

Remark :

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

Approved by

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Section Head

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Analysis / Test Report

TESTING
No.0009

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 253835

Date Received : Mar 05, 2025
Date Reported : Mar 12, 2025
Report Number : 3255921-1

Page 2 of 2

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

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TESTING
No.0009

Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Lot ID: 253835

Date Received : Mar 05, 2025

Date Reported : Mar 12, 2025

Report Number : 3255922-1

Page 1 of 2

| | |
|--------------------------------|--|
| Sample Number | 253835-2 |
| Sampled Date | Mar 05, 2025 8:23 AM |
| Sample Description | Natural Water |
| Location | ท่าเรือ4 |
| Date Analysis Commenced | Mar 06, 2025 |
| Condition of Sample | Contained in one amber glass bottle and three 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 | 2.1 | ≤4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD * | mg/L | - | 25 | <25 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Dissolved Oxygen (on site) * | mg/L | - | - | 3.1 | ≥2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.6 | 5.0-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C * | mg/L | - | 5 | 200 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C * | mg/L | - | 5 | 28 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n': Change from Natural condition not more than 3 degree C

Sampling By : Panupong Homewong

Remark :

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

Approved by



Siriluk Bunnak
Section Head

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Analysis / Test Report

TESTING
No.0009

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110
P/O : 4540893399
Project Name : Water Testing
Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

Lot ID: 253835

Date Received : Mar 05, 2025
Date Reported : Mar 12, 2025
Report Number : 3255922-1

Page 2 of 2

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

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2516176

Date Received : Apr 04, 2025

Date Reported : Apr 11, 2025

Report Number : 3281814-1

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนทรี

Page 1 of 2

| | | | | | | | |
|--------------------------------|--|--|--|--|--|--|--|
| Sample Number | 2516176-1 | | | | | | |
| Sampled Date | Apr 04, 2025 8:35 AM | | | | | | |
| Sample Description | Natural Water | | | | | | |
| Location | ท่าเรือ 1 | | | | | | |
| Date Analysis Commenced | Apr 05, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and three 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 | ≤4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD * | mg/L | - | 25 | <25 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Dissolved Oxygen (on site) * | mg/L | - | - | 1.4 | ≥2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.1 | 5.0-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C * | mg/L | - | 5 | 7284 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C * | mg/L | - | 5 | 14 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n': Change from Natural condition not more than 3 degree C

Sampling By : Pichai Boonyong

Remark :

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- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

Approved by



Siriluk Bunnak
Section Head

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

TESTING

No.0009

Lot ID: 2516176

Date Received : Apr 04, 2025

Date Reported : Apr 11, 2025

Report Number : 3281814-1

Page 2 of 2

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2516176

Date Received : Apr 04, 2025

Date Reported : Apr 11, 2025

Report Number : 3281815-1

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location: คลังน้ำมันเชลล์ของนทรี

Page 1 of 2

| | |
|--------------------------------|--|
| Sample Number | 2516176-2 |
| Sampled Date | Apr 04, 2025 8:10 AM |
| Sample Description | Natural Water |
| Location | ท่าเรือ4 |
| Date Analysis Commenced | Apr 05, 2025 |
| Condition of Sample | Contained in one amber glass bottle and three 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 | ≤4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD * | mg/L | - | 25 | 28 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Dissolved Oxygen (on site) * | mg/L | - | - | 2.0 | ≥2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.2 | 5.0-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C * | mg/L | - | 5 | 7104 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C * | mg/L | - | 5 | 12 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n': Change from Natural condition not more than 3 degree C

Sampling By : Pichai Boonyong

Remark :

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

TESTING

No.0009

Lot ID: 2516176

Date Received : Apr 04, 2025

Date Reported : Apr 11, 2025

Report Number : 3281815-1

Page 2 of 2

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2529694

Date Received : May 02, 2025

Date Reported : May 10, 2025

Report Number : 3303094-1

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนทรี

Page 1 of 2

| | |
|--------------------------------|--|
| Sample Number | 2529694-1 |
| Sampled Date | May 02, 2025 9:00 AM |
| Sample Description | Natural Water |
| Location | ท่าเรือ 1 |
| Date Analysis Commenced | May 03, 2025 |
| Condition of Sample | Contained in one amber glass bottle and three 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 | 4.1 | ≤4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD * | mg/L | - | 25 | 27 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Dissolved Oxygen (on site) * | mg/L | - | - | 1.3 | ≥2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.9 | 5.0-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C * | mg/L | - | 5 | 1740 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C * | mg/L | - | 5 | 19 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n': Change from Natural condition not more than 3 degree C

Sampling By : Panupong Homewong

Remark :

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



Suwimon Chairuangwut
Scientist (3)

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

TESTING

No.0009

Lot ID: 2529694

Date Received : May 02, 2025

Date Reported : May 10, 2025

Report Number : 3303094-1

Page 2 of 2

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Suwimon Chairuangwut
Scientist (3)

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2529694

Date Received : May 02, 2025

Date Reported : May 10, 2025

Report Number : 3303095-1

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนนทบุรี

Page 1 of 2

| | |
|--------------------------------|--|
| Sample Number | 2529694-2 |
| Sampled Date | May 02, 2025 8:40 AM |
| Sample Description | Natural Water |
| Location | ท่าเรือ4 |
| Date Analysis Commenced | May 03, 2025 |
| Condition of Sample | Contained in one amber glass bottle and three 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 | 5.6 | ≤4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD * | mg/L | - | 25 | 36 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Dissolved Oxygen (on site) * | mg/L | - | - | 1.9 | ≥2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 8.0 | 5.0-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C * | mg/L | - | 5 | 2300 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C * | mg/L | - | 5 | 28 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n': Change from Natural condition not more than 3 degree C

Sampling By : Panupong Homewong

Remark :

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

Approved by



Suwimon Chairuangwut
Scientist (3)

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

TESTING

No.0009

Lot ID: 2529694

Date Received : May 02, 2025

Date Reported : May 10, 2025

Report Number : 3303095-1

Page 2 of 2

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Suwimon Chairuangwut
Scientist (3)

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197
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Analysis / Test Report

TESTING

No.0009

Lot ID: 2538541

Date Received : Jun 05, 2025

Date Reported : Jun 12, 2025

Report Number : 3332867-1

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนทรี

Page 1 of 2

| | |
|--------------------------------|--|
| Sample Number | 2538541-1 |
| Sampled Date | Jun 05, 2025 8:55 AM |
| Sample Description | Natural Water |
| Location | ท่าเรือ 1 |
| Date Analysis Commenced | Jun 06, 2025 |
| Condition of Sample | Contained in three plastic bottles and one amber glass 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 | <2.0 | ≤4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD * | mg/L | - | 25 | <25 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Dissolved Oxygen (on site) * | mg/L | - | - | 6.4 | ≥2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.8 | 5.0-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C * | mg/L | - | 5 | 116 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C * | mg/L | - | 5 | 104 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n': Change from Natural condition not more than 3 degree C

Sampling By : Pichai Boonyong

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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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

TESTING

No.0009

Lot ID: 2538541

Date Received : Jun 05, 2025

Date Reported : Jun 12, 2025

Report Number : 3332867-1

Page 2 of 2

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Suwimon Chairuangwut
Scientist (3)

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197
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Analysis / Test Report

TESTING

No.0009

Lot ID: 2538541

Date Received : Jun 05, 2025

Date Reported : Jun 12, 2025

Report Number : 3332868-1

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ของนทรี

Page 1 of 2

| | |
|--------------------------------|--|
| Sample Number | 2538541-2 |
| Sampled Date | Jun 05, 2025 8:35 AM |
| Sample Description | Natural Water |
| Location | ท่าเรือ4 |
| Date Analysis Commenced | Jun 06, 2025 |
| Condition of Sample | Contained in three plastic bottles and one amber glass 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 | <2.0 | ≤4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Bangkok |
| COD * | mg/L | - | 25 | <25 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D | Bangkok |
| Dissolved Oxygen (on site) * | mg/L | - | - | 5.8 | ≥2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G) | Bangkok |
| Oil & Grease | mg/L | - | 3 | <3 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Bangkok |
| pH at 25 degree C | | - | - | 7.6 | 5.0-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Bangkok |
| Total Dissolved solids Dried at 180 degree C * | mg/L | - | 5 | 132 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C * | mg/L | - | 5 | 115 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Bangkok |

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n': Change from Natural condition not more than 3 degree C

Sampling By : Pichai Boonyong

Remark :

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Analysis / Test Report

Client : The Shell Company of Thailand Limited
10, Soonthornkosa Road, Klongtoey, Bangkok Thailand 10110

P/O : 4540893399

Project Name : Water Testing

Project Location : คลังน้ำมันเชลล์ชองนนทบุรี

TESTING

No.0009

Lot ID: 2538541

Date Received : Jun 05, 2025

Date Reported : Jun 12, 2025

Report Number : 3332868-1

Page 2 of 2

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