

ภาคผนวก ก

ใบรับรองผลการตรวจวิเคราะห์

ANALYSIS REPORT

| | |
|--------------------------|---|
| Customer Name | : การกะเหรี่ยงชาติ |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 |
| Project Name | : โครงการเคหะชุมชนและบริหารชุมชน จังหวัดสระบุรี (แก่งคอย) |
| Sampling Location | : บ่อพักน้ำเสียก่อนเข้าสู่ระบบบำบัดน้ำเสีย |
| Sampling Date | : July 3, 2024 |
| Sampling Time | : 11.20 น. |
| Sampling Source | : Wastewater |
| Sampling By | : Mr. Chaikut Panthong |

| | |
|-------------------------|---|
| Received Date | : July 10, 2024 |
| Analytical Date | : July 10-19, 2024 |
| Sample Condition | : Turbid Yellow, Little Sediment, Smell |
| Sample Code | : JUL24-074 |
| Report No. | : LAB2407022 |
| Report Date | : July 24, 2024 |

| Item | Parameter | Unit | Method of Analysis | Result ⁽¹⁾ | Standard |
|------|----------------------------|------|---|-----------------------|----------|
| 1 | pH at 25 °C | - | Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF 23 rd ed. 2017, Part 4500-H ⁺ B | 7.4 | - |
| 2 | Biochemical Oxygen Demand* | mg/L | Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF 23 rd ed. 2017, Part 5210 B | 36 | - |
| 3 | Total Suspended Solids | mg/L | Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF 23 rd ed. 2017, Part 2540 D | <10 | - |
| 4 | Oil & Grease | mg/L | WI-LA-206 based on Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF 23 rd ed. 2017, Part 5520-B | <5 | - |
| 5 | Total Kjeldahl Nitrogen* | mg/L | Semi-Micro Kjeldahl Method (4500-N _{ORG} C.) | 22 | - |

Remark : * The parameters are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: Sampling activities are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: ⁽¹⁾ Analysis results by Skilltech and Environmental Co.Ltd. Registration No. 7-289


(Miss Kullatida Jeenplangchat)
Scientist
7-289-ก-0017
Analyzed


(Miss Kornchasa Boonprasopsom)
Technical Supervisor
7-289-ก-0004
Reviewed and Approved

ANALYSIS REPORT

| | | | |
|-------------------|---|-----------------|------------------------|
| Customer Name | : การเคหะแห่งชาติ | | |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 | | |
| Project Name | : โครงการเคหะชุมชนและบริหารชุมชน จังหวัดสระบุรี (แก่งคอย) | | |
| Sampling Location | : บ่อกักน้ำเสียก่อนเข้าสู่ระบบบำบัดน้ำเสีย (ต่อ) | Sampling Source | : Wastewater |
| Sampling Date | : July 3, 2024 | Sampling By | : Mr. Chaiyut Panthong |
| Sampling Time | : 11.20 น. | | |

| | | | |
|------------------|---|-------------|-----------------|
| Received Date | : July 10, 2024 | Sample Code | : JUL24-074 |
| Analytical Date | : July 10-19, 2024 | Report No. | : LAB2407022 |
| Sample Condition | : Turbid Yellow, Little Sediment, Smell | Report Date | : July 24, 2024 |

| Item | Parameter* | Unit | Method of Analysis | Result | Standard |
|------|--|------------|---|---------|----------|
| 6 | Fecal Coliform Bacteria ⁽¹⁾ | MPN/100 mL | Multiple-Tube Fermentation Technique (SM: 9221 E) | 920,000 | - |

Remark : * The parameters are out of the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
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: ⁽¹⁾ Analyzed by South East Asian Laboratory Co., Ltd. Registration No. 3-291



(Miss Kornchasa Boonprasopsom)

Technical Supervisor

Reviewed and Approved

ANALYSIS REPORT

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| Project Name | : โครงการเคหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) |
| Sampling Location | : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย |
| Sampling Date | : July 3, 2024 |
| Sampling Time | : 11.15 น. |
| Sampling Source | : Wastewater |
| Sampling By | : Mr. Chaiyut Panthong |

| | |
|-------------------------|----------------------------------|
| Received Date | : July 10, 2024 |
| Analytical Date | : July 10-19, 2024 |
| Sample Condition | : Turbid Yellow, Little Sediment |
| Sample Code | : JUL24-075 |
| Report No. | : LAB2407022 |
| Report Date | : July 24, 2024 |

| Item | Parameter | Unit | Method of Analysis | Result ⁽¹⁾ | Standard ⁽²⁾ |
|------|----------------------------|------|---|-----------------------|-------------------------|
| 1 | pH at 25 °C | - | Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF 23 rd ed. 2017, Part 4500-H ⁺ B | 7.9 | 5.5-9.0 |
| 2 | Biochemical Oxygen Demand* | mg/L | Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF 23 rd ed. 2017, Part 5210 B | 40 | ≤20 |
| 3 | Total Suspended Solids | mg/L | Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF 23 rd ed. 2017, Part 2540 D | 15 | ≤30 |
| 4 | Oil & Grease | mg/L | WI-LA-206 based on Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF 23 rd ed. 2017, Part 5520-B | <5 | ≤20 |
| 5 | Total Kjeldahl Nitrogen* | mg/L | Semi-Micro Kjeldahl Method (4500-N _{ORG} C.) | 6 | ≤35 |

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: ⁽²⁾ ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากที่ดินจัดสรร พ.ศ. 2564 (ประเภท ก)


(Miss Kullatida Jeenplangchat)
Scientist
3-289-0-0017
Analyzed


(Miss Kornchasa Boonprasopsom)
Technical Supervisor
3-289-0-0004
Reviewed and Approved

ANALYSIS REPORT

| | | | |
|-------------------|---|-----------------|------------------------|
| Customer Name | : การเคหะแห่งชาติ | | |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 | | |
| Project Name | : โครงการเคหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) | | |
| Sampling Location | : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย (ต่อ) | Sampling Source | : Wastewater |
| Sampling Date | : July 3, 2024 | Sampling By | : Mr. Chaiyut Panthong |
| Sampling Time | : 11.15 น. | | |

| | | | |
|------------------|----------------------------------|-------------|-----------------|
| Received Date | : July 10, 2024 | Sample Code | : JUL24-075 |
| Analytical Date | : July 10-19, 2024 | Report No. | : LAB2407022 |
| Sample Condition | : Turbid Yellow, Little Sediment | Report Date | : July 24, 2024 |

| Item | Parameter* | Unit | Method of Analysis | Result | Standard |
|------|--|------------|---|--------|----------|
| 6 | Fecal Coliform Bacteria ⁽¹⁾ | MPN/100 mL | Multiple-Tube Fermentation Technique (SM: 9221 E) | 11,000 | - |
| 7 | Nitrate ⁽²⁾ | mg/L | Cadmium Reduction Method (SM: Part 4500-NO ₃ ⁻ E) | 0.49 | - |

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: ⁽¹⁾ Analyzed by South East Asian Laboratory Co., Ltd. Registration No. 2-291
: ⁽²⁾ Analyzed by United Analyst and Engineering Consultant Co., Ltd. Registration No. 2-145



(Miss Kornchasa Boonprasopsom)

Technical Supervisor

Reviewed and Approved

ANALYSIS REPORT

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|--------------------------|---|
| Customer Name | : การเคหะแห่งชาติ |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 |
| Project Name | : โครงการเคหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) |
| Sampling Location | : บ่อพักสุดท้ายก่อนระบายออกสู่แหล่งน้ำสาธารณะ |
| Sampling Date | : July 3, 2024 |
| Sampling Time | : 11.45 น. |
| Sampling Source | : Wastewater |
| Sampling By | : Mr. Chaikut Panthong |

| | |
|-------------------------|----------------------------------|
| Received Date | : July 10, 2024 |
| Analytical Date | : July 10-19, 2024 |
| Sample Condition | : Turbid Yellow, Little Sediment |
| Sample Code | : JUL24-076 |
| Report No. | : LAB2407022 |
| Report Date | : July 24, 2024 |

| Item | Parameter | Unit | Method of Analysis | Result ⁽¹⁾ | Standard ⁽²⁾ |
|------|----------------------------|------|---|-----------------------|-------------------------|
| 1 | pH at 25 °C | - | Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF 23 rd ed. 2017, Part 4500-H ⁺ B | 7.5 | 5.5-9.0 |
| 2 | Biochemical Oxygen Demand* | mg/L | Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF 23 rd ed. 2017, Part 5210 B | 19 | ≤20 |
| 3 | Total Suspended Solids | mg/L | Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF 23 rd ed. 2017, Part 2540 D | <10 | ≤30 |
| 4 | Oil & Grease | mg/L | WI-LA-206 based on Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF 23 rd ed. 2017, Part 5520-B | <5 | ≤20 |
| 5 | Total Kjeldahl Nitrogen* | mg/L | Semi-Micro Kjeldahl Method (4500-N _{ORG} C.) | 9 | ≤35 |

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: ⁽²⁾ ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากที่ดินจัดสรร พ.ศ. 2564 (ประเภท ก)


(Miss Kullatida Jeenplangchat)
Scientist
7-289-จ-0017
Analyzed


(Miss Kornchasa Boonprasopsom)
Technical Supervisor
7-289-ก-0004
Reviewed and Approved

ANALYSIS REPORT

| | | | |
|--------------------------|---|------------------------|------------------------|
| Customer Name | : การเคหะแห่งชาติ | | |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 | | |
| Project Name | : โครงการเคหะชุมชนและบริหารชุมชน จังหวัดสระบุรี (แก่งคอย) | | |
| Sampling Location | : บ่อพักสุดท้ายก่อนระบายออกสู่แหล่งน้ำสาธารณะ (ต่อ) | Sampling Source | : Wastewater |
| Sampling Date | : July 3, 2024 | Sampling By | : Mr. Chaikut Panthong |
| Sampling Time | : 11.45 น. | | |

| | | | |
|-------------------------|----------------------------------|--------------------|-----------------|
| Received Date | : July 10, 2024 | Sample Code | : JUL24-076 |
| Analytical Date | : July 10-19, 2024 | Report No. | : LAB2407022 |
| Sample Condition | : Turbid Yellow, Little Sediment | Report Date | : July 24, 2024 |

| Item | Parameter* | Unit | Method of Analysis | Result | Standard |
|------|--|------------|---|---------|----------|
| 6 | Fecal Coliform Bacteria ⁽¹⁾ | MPN/100 mL | Multiple-Tube Fermentation Technique (SM: 9221 E) | 160,000 | - |
| 7 | Nitrate ⁽²⁾ | mg/L | Cadmium Reduction Method (SM: Part 4500-NO ₃ ⁻ E) | 4.65 | - |

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: ⁽²⁾ Analyzed by United Analyst and Engineering Consultant Co., Ltd. Registration No. 3-145



(Miss Kornchasa Boonprasopsom)

Technical Supervisor

Reviewed and Approved

- End of The Analysis Report -

ANALYSIS REPORT

| | |
|-------------------|--|
| Customer Name | : การเคหะแห่งชาติ |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 |
| Project Name | : โครงการการเคหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) |
| Sampling Location | : บ่อพักน้ำเสียก่อนเข้าสู่ระบบบำบัดน้ำเสีย |
| Sampling Date | : August 2, 2024 |
| Sampling Time | : 13.15 น. |
| Sampling Source | : Wastewater |
| Sampling By | : Mr. Chaiyut Panthong |

| | | | |
|------------------|----------------------------------|-------------|-------------------|
| Received Date | : August 3, 2024 | Sample Code | : AUG24-037 |
| Analytical Date | : August 3-27, 2024 | Report No. | : LAB2408009 |
| Sample Condition | : Turbid Yellow, Little Sediment | Report Date | : August 29, 2024 |

| Item | Parameter | Unit | Method of Analysis | Result ⁽¹⁾ | Standard |
|------|----------------------------|------|---|-----------------------|----------|
| 1 | pH at 25 °C | - | Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF 23 rd ed. 2017, Part 4500-H ⁺ B | 7.1 | - |
| 2 | Biochemical Oxygen Demand* | mg/L | Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF 23 rd ed. 2017, Part 5210 B | 19 | - |
| 3 | Total Suspended Solids | mg/L | Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF 23 rd ed. 2017, Part 2540 D | <10 | - |
| 4 | Oil & Grease | mg/L | WI-LA-206 based on Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF 23 rd ed. 2017, Part 5520-B | <5 | - |
| 5 | Total Kjeldahl Nitrogen* | mg/L | Semi-Micro Kjeldahl Method (4500-N _{ORG} C.) | 4 | - |

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(Miss Kullatida Jeenplangchat)

Scientist

2-289-0-0017

Analyzed


(Miss Kornchasa Boonprasopsom)

Technical Supervisor

2-289-0-0004

Reviewed and Approved

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ANALYSIS REPORT

| | | | |
|-------------------|---|-----------------|------------------------|
| Customer Name | : การเคหะแห่งชาติ | Sampling Source | : Wastewater |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 | Sampling By | : Mr. Chaiyut Panthong |
| Project Name | : โครงการเคหะชุมชนและบริวารชุมชน จังหวัดสระบุรี (แก่งคอย) | | |
| Sampling Location | : บ่อพักน้ำเสียก่อนเข้าสู่ระบบบำบัดน้ำเสีย (ค่อ) | | |
| Sampling Date | : August 2, 2024 | | |
| Sampling Time | : 13.15 น. | | |

| | | | |
|------------------|----------------------------------|-------------|-------------------|
| Received Date | : August 3, 2024 | Sample Code | : AUG24-037 |
| Analytical Date | : August 3-27, 2024 | Report No. | : LAB2408009 |
| Sample Condition | : Turbid Yellow, Little Sediment | Report Date | : August 29, 2024 |

| Item | Parameter* | Unit | Method of Analysis | Result | Standard |
|------|--|------------|---|--------|----------|
| 6 | Fecal Coliform Bacteria ⁽¹⁾ | MPN/100 mL | Multiple-Tube Fermentation Technique (SM: 9221 E) | 23 | - |

Remark : * The parameters are out of the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: Sampling activities are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: ⁽¹⁾ Analyzed by South East Asian Laboratory Co., Ltd. Registration No. 3-291


(Miss Kornchasa Boonprasopsom)
Technical Supervisor
Reviewed and Approved

ANALYSIS REPORT

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|-------------------|---|
| Customer Name | : การเคหะแห่งชาติ |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 |
| Project Name | : โครงการเคหะชุมชนและบริวารชุมชน จังหวัดสระบุรี (แก่งคอย) |
| Sampling Location | : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย |
| Sampling Date | : August 2, 2024 |
| Sampling Time | : 13.10 น. |
| Sampling Source | : Wastewater |
| Sampling By | : Mr. Chaiyut Panthong |

| | |
|------------------|----------------------------------|
| Received Date | : August 3, 2024 |
| Analytical Date | : August 3-27, 2024 |
| Sample Condition | : Turbid Yellow, Little Sediment |
| Sample Code | : AUG24-038 |
| Report No. | : LAB2408009 |
| Report Date | : August 29, 2024 |

| Item | Parameter | Unit | Method of Analysis | Result ⁽¹⁾ | Standard ⁽²⁾ |
|------|----------------------------|------|---|-----------------------|-------------------------|
| 1 | pH at 25 °C | - | Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF 23 rd ed. 2017, Part 4500-H ⁺ B | 7.2 | 5.5-9.0 |
| 2 | Biochemical Oxygen Demand* | mg/L | Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF 23 rd ed. 2017, Part 5210 B | 18 | ≤20 |
| 3 | Total Suspended Solids | mg/L | Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF 23 rd ed. 2017, Part 2540 D | 27 | ≤30 |
| 4 | Oil & Grease | mg/L | WI-LA-206 based on Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF 23 rd ed. 2017, Part 5520-B | <5 | ≤20 |
| 5 | Total Kjeldahl Nitrogen* | mg/L | Semi-Micro Kjeldahl Method (4500-N _{ORG} C.) | <4 | ≤35 |

Remark : * The parameters are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: Sampling activities are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: ⁽¹⁾ Analysis results by Skilltech and Environmental Co.Ltd. Registration No. 7-289
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กุลจิตา

(Miss Kullatida Jeenplangchat)

Scientist

7-289-0-0017

Analyzed

กอร์ชสา บุญprasopsom

(Miss Kornchasa Boonprasopsom)

Technical Supervisor

7-289-0-0004

Reviewed and Approved

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ANALYSIS REPORT

| | | | |
|-------------------|---|-----------------|------------------------|
| Customer Name | : การเคหะแห่งชาติ | | |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 | | |
| Project Name | : โครงการเคหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) | | |
| Sampling Location | : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย (ต่อ) | Sampling Source | : Wastewater |
| Sampling Date | : August 2, 2024 | Sampling By | : Mr. Chaiyut Panthong |
| Sampling Time | : 13.10 น. | | |

| | | | |
|------------------|----------------------------------|-------------|-------------------|
| Received Date | : August 3, 2024 | Sample Code | : AUG24-038 |
| Analytical Date | : August 3-27, 2024 | Report No. | : LAB2408009 |
| Sample Condition | : Turbid Yellow, Little Sediment | Report Date | : August 29, 2024 |

| Item | Parameter* | Unit | Method of Analysis | Result | Standard |
|------|--|------------|---|--------|----------|
| 6 | Fecal Coliform Bacteria ⁽¹⁾ | MPN/100 mL | Multiple-Tube Fermentation Technique (SM: 9221 E) | 23 | - |
| 7 | Nitrate ⁽²⁾ | mg/L | Cadmium Reduction Method (SM: Part 4500-NO ₃ ⁻ E) | 0.31 | - |

Remark : * The parameters are out of the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
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: ⁽¹⁾ Analyzed by South East Asian Laboratory Co., Ltd. Registration No. 7-291
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| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 | | |
| Project Name | : โครงการเคหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) | | |
| Sampling Location | : บ่อพักสุดท้ายก่อนระบายออกสู่แหล่งน้ำสาธารณะ | Sampling Source | : Wastewater |
| Sampling Date | : August 2, 2024 | Sampling By | : Mr. Chaikut Panthong |
| Sampling Time | : 13.30 น. | | |

| | | | |
|-------------------------|----------------------------------|--------------------|-------------------|
| Received Date | : August 3, 2024 | Sample Code | : AUG24-039 |
| Analytical Date | : August 3-27, 2024 | Report No. | : LAB2408009 |
| Sample Condition | : Turbid Yellow, Little Sediment | Report Date | : August 29, 2024 |

| Item | Parameter | Unit | Method of Analysis | Result ⁽¹⁾ | Standard ⁽²⁾ |
|------|----------------------------|------|---|-----------------------|-------------------------|
| 1 | pH at 25 °C | - | Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF 23 rd ed. 2017, Part 4500-H ⁺ B | 7.1 | 5.5-9.0 |
| 2 | Biochemical Oxygen Demand* | mg/L | Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF 23 rd ed. 2017, Part 5210 B | 13 | ≤20 |
| 3 | Total Suspended Solids | mg/L | Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF 23 rd ed. 2017, Part 2540 D | 37 | ≤30 |
| 4 | Oil & Grease | mg/L | WI-LA-206 based on Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF 23 rd ed. 2017, Part 5520-B | <5 | ≤20 |
| 5 | Total Kjeldahl Nitrogen* | mg/L | Semi-Micro Kjeldahl Method (4500-N _{ORG} C.) | <4 | ≤35 |

Remark : * The parameters are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: Sampling activities are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: ⁽¹⁾ Analysis results by Skilltech and Environmental Co.Ltd. Registration No. ๖-289
: ⁽²⁾ ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากที่ดินจัดสรร พ.ศ. 2564 (ประเภท ก)



(Miss Kullatida Jeenplangchat)

Scientist

๖-289-๐-0017

Analyzed



(Miss Kornchasa Boonprasopsom)

Technical Supervisor

๖-289-ก-0004

Reviewed and Approved

ANALYSIS REPORT

| | | | |
|--------------------------|---|------------------------|------------------------|
| Customer Name | : การเคหะแห่งชาติ | | |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 | | |
| Project Name | : โครงการเคหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) | | |
| Sampling Location | : บ่อพักสุดท้ายก่อนระบายออกสู่แหล่งน้ำสาธารณะ (ต่อ) | Sampling Source | : Wastewater |
| Sampling Date | : August 2, 2024 | Sampling By | : Mr. Chaiyut Panthong |
| Sampling Time | : 13.30 น. | | |

| | | | |
|-------------------------|----------------------------------|--------------------|-------------------|
| Received Date | : August 3, 2024 | Sample Code | : AUG24-039 |
| Analytical Date | : August 3-27, 2024 | Report No. | : LAB2408009 |
| Sample Condition | : Turbid Yellow, Little Sediment | Report Date | : August 29, 2024 |


| Item | Parameter* | Unit | Method of Analysis | Result | Standard |
|------|--|------------|---|--------|----------|
| 6 | Fecal Coliform Bacteria ⁽¹⁾ | MPN/100 mL | Multiple-Tube Fermentation Technique (SM: 9221 E) | 220 | - |
| 7 | Nitrate ⁽²⁾ | mg/L | Cadmium Reduction Method (SM: Part 4500-NO ₃ ⁻ E) | 1.46 | - |

Remark : * The parameters are out of the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.

: Sampling activities are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.

: ⁽¹⁾ Analyzed by South East Asian Laboratory Co., Ltd. Registration No. 3-291

: ⁽²⁾ Analyzed by United Analyst and Engineering Consultant Co., Ltd. Registration No. 3-145


 (Miss Kornchasa Boonprasopsom)
 Technical Supervisor
 Reviewed and Approved

- End of The Analysis Report -

ANALYSIS REPORT

| | | | |
|--------------------------|---|------------------------|-------------------------|
| Customer Name | : การเคหะแห่งชาติ | | |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 | | |
| Project Name | : โครงการเคหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) | | |
| Sampling Location | : บ่อพักน้ำเสียก่อนเข้าสู่ระบบบำบัดน้ำเสีย | Sampling Source | : Wastewater |
| Sampling Date | : September 5, 2024 | Sampling By | : Mr. Thitibhop Ketkaew |
| Sampling Time | : 13.30 น. | | |

| | | | |
|-------------------------|---|--------------------|----------------------|
| Received Date | : September 6, 2024 | Sample Code | : SEP24-043 |
| Analytical Date | : September 6-24, 2024 | Report No. | : LAB2409014 |
| Sample Condition | : Turbid Yellow, Little Sediment, Smell | Report Date | : September 25, 2024 |

| Item | Parameter | Unit | Method of Analysis | Result ⁽¹⁾ | Standard |
|------|----------------------------|------|--|-----------------------|----------|
| 1 | pH at 25 °C | - | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 4500-H ⁺ B | 7.3 | - |
| 2 | Biochemical Oxygen Demand* | mg/L | 5-Day BOD Test (5210 B), Azide Modification (4500-O C) | 20 | - |
| 3 | Total Suspended Solids | mg/L | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 2540 D | <10 | - |
| 4 | Oil & Grease | mg/L | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 5520 B | <5 | - |
| 5 | Total Kjeldahl Nitrogen* | mg/L | Semi-Micro Kjeldahl Method (4500-N _{ORG} C.) | <4 | - |

Remark : * The parameters are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: Sampling activities are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: ⁽¹⁾ Analysis results by Skilltech and Environmental Co.Ltd. Registration No. ๖-289


(Miss Kullatida Jeenplangchat)
Scientist
๖-289-๖-0017
Analyzed


(Miss Kornchasa Boonprasopsom)
Technical Supervisor
๖-289-๖-0004
Reviewed and Approved

ANALYSIS REPORT

| | |
|--------------------------|---|
| Customer Name | : การเคหะแห่งชาติ |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 |
| Project Name | : โครงการเคหะชุมชนและบริหารชุมชน จังหวัดสระบุรี (แก่งคอย) |
| Sampling Location | : บ่อพักน้ำเสียก่อนเข้าสู่ระบบบำบัดน้ำเสีย (ต่อ) |
| Sampling Date | : September 5, 2024 |
| Sampling Time | : 13.30 น. |
| Sampling Source | : Wastewater |
| Sampling By | : Mr. Thitibhop Ketkaew |

| | |
|-------------------------|---|
| Received Date | : September 6, 2024 |
| Analytical Date | : September 6-24, 2024 |
| Sample Condition | : Turbid Yellow, Little Sediment, Smell |
| Sample Code | : SEP24-043 |
| Report No. | : LAB2409014 |
| Report Date | : September 25, 2024 |

| Item | Parameter* | Unit | Method of Analysis | Result | Standard |
|------|--|------------|---|--------|----------|
| 6 | Fecal Coliform Bacteria ⁽¹⁾ | MPN/100 mL | Multiple-Tube Fermentation Technique (SM: 9221 E) | 350 | - |

Remark : * The parameters are out of the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: Sampling activities are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: ⁽¹⁾ Analyzed by South East Asian Laboratory Co., Ltd. Registration No. 7-291


(Miss Kornchasa Boonprasopsom)
Technical Supervisor
Reviewed and Approved

ANALYSIS REPORT

| | |
|--------------------------|---|
| Customer Name | : การเคหะแห่งชาติ |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 |
| Project Name | : โครงการเคหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) |
| Sampling Location | : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย |
| Sampling Date | : September 5, 2024 |
| Sampling Time | : 13.15 น. |
| Sampling Source | : Wastewater |
| Sampling By | : Mr. Thitibhop Ketkaew |

| | |
|-------------------------|---------------------------------|
| Received Date | : September 6, 2024 |
| Analytical Date | : September 6-24, 2024 |
| Sample Condition | : Clear Yellow, Little Sediment |
| Sample Code | : SEP24-044 |
| Report No. | : LAB2409014 |
| Report Date | : September 25, 2024 |

| Item | Parameter | Unit | Method of Analysis | Result ⁽¹⁾ | Standard ⁽²⁾ |
|------|----------------------------|------|--|-----------------------|-------------------------|
| 1 | pH at 25 °C | - | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 4500-H ⁺ B | 7.8 | 5.5-9.0 |
| 2 | Biochemical Oxygen Demand* | mg/L | 5-Day BOD Test (5210 B), Azide Modification (4500-O C) | 5 | ≤20 |
| 3 | Total Suspended Solids | mg/L | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 2540 D | <10 | ≤30 |
| 4 | Oil & Grease | mg/L | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 5520 B | <5 | ≤20 |
| 5 | Total Kjeldahl Nitrogen* | mg/L | Semi-Micro Kjeldahl Method (4500-N _{ORG} C.) | <4 | ≤35 |

Remark : * The parameters are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: Sampling activities are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: ⁽¹⁾ Analysis results by Skilltech and Environmental Co.,Ltd. Registration No. 3-289
: ⁽²⁾ ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากที่ดินจัดสรร พ.ศ. 2564 (ประเภท ก)


(Miss Kullatida Jeenplangchat)
Scientist
3-289-0-0017
Analyzed


(Miss Kornchasa Boonprasopsom)
Technical Supervisor
3-289-0-0004
Reviewed and Approved


ANALYSIS REPORT

| | | | |
|-------------------|---|-----------------|-------------------------|
| Customer Name | : การเคหะแห่งชาติ | | |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 | | |
| Project Name | : โครงการเคหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) | | |
| Sampling Location | : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย (ต่อ) | Sampling Source | : Wastewater |
| Sampling Date | : September 5, 2024 | Sampling By | : Mr. Thitibhop Ketkaew |
| Sampling Time | : 13.15 น. | | |

| | | | |
|-------------------------|---------------------------------|--------------------|----------------------|
| Received Date | : September 6, 2024 | Sample Code | : SEP24-044 |
| Analytical Date | : September 6-24, 2024 | Report No. | : LAB2409014 |
| Sample Condition | : Clear Yellow, Little Sediment | Report Date | : September 25, 2024 |

| Item | Parameter* | Unit | Method of Analysis | Result | Standard |
|------|--|------------|--|--------|----------|
| 6 | Fecal Coliform Bacteria ⁽¹⁾ | MPN/100 mL | Multiple-Tube Fermentation Technique (SM: 9221 E) | 7.8 | - |
| 7 | Nitrate ⁽²⁾ | mg/L | Cadmium Reduction Method (SM: Part 4500-NO ₃ E) | <0.09 | - |

Remark : * The parameters are out of the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: Sampling activities are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: ⁽¹⁾ Analyzed by South East Asian Laboratory Co., Ltd. Registration No. 7-291
: ⁽²⁾ Analyzed by United Analyst and Engineering Consultant Co., Ltd. Registration No. 7-145


(Miss Kornchasa Boonprasopsom)
Technical Supervisor
Reviewed and Approved

ANALYSIS REPORT

| | |
|--------------------------|---|
| Customer Name | : การเคหะแห่งชาติ |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 |
| Project Name | : โครงการเคหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) |
| Sampling Location | : บ่อกักสูกักน้ำก่อนระบายออกสู่แหล่งน้ำสาธารณะ |
| Sampling Date | : September 5, 2024 |
| Sampling Time | : 13.40 น. |
| Sampling Source | : Wastewater |
| Sampling By | : Mr. Thitibhop Ketkaew |

| | |
|-------------------------|----------------------------------|
| Received Date | : September 6, 2024 |
| Analytical Date | : September 6-24, 2024 |
| Sample Condition | : Turbid Yellow, Little Sediment |
| Sample Code | : SEP24-045 |
| Report No. | : LAB2409014 |
| Report Date | : September 25, 2024 |

| Item | Parameter | Unit | Method of Analysis | Result ⁽¹⁾ | Standard ⁽²⁾ |
|------|----------------------------|------|--|-----------------------|-------------------------|
| 1 | pH at 25 °C | - | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 4500-H ⁺ B | 7.3 | 5.5-9.0 |
| 2 | Biochemical Oxygen Demand* | mg/L | 5-Day BOD Test (5210 B), Azide Modification (4500-O C) | 9 | ≤20 |
| 3 | Total Suspended Solids | mg/L | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 2540 D | <10 | ≤30 |
| 4 | Oil & Grease | mg/L | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 5520 B | <5 | ≤20 |
| 5 | Total Kjeldahl Nitrogen* | mg/L | Semi-Micro Kjeldahl Method (4500-N _{ORG} C.) | <4 | ≤35 |

Remark : * The parameters are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: Sampling activities are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: ⁽¹⁾ Analysis results by Skilltech and Environmental Co.Ltd. Registration No. 3-289
: ⁽²⁾ ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากที่ดินจัดสรร พ.ศ. 2564 (ประเภท ก)


(Miss Kullatida Jeenplangchat)
Scientist
3-289-ก-0017
Analyzed


(Miss Kornchasa Boonprasopsom)
Technical Supervisor
3-289-ก-0004
Reviewed and Approved

ANALYSIS REPORT

| | | | |
|-------------------|---|-----------------|-------------------------|
| Customer Name | : การเคหะแห่งชาติ | | |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 | | |
| Project Name | : โครงการเคหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) | | |
| Sampling Location | : บ่อพักสุดท้ายก่อนระบายออกสู่แหล่งน้ำสาธารณะ (ต่อ) | Sampling Source | : Wastewater |
| Sampling Date | : September 5, 2024 | Sampling By | : Mr. Thitibhop Ketkaew |
| Sampling Time | : 13.40 น. | | |

| | | | |
|------------------|----------------------------------|-------------|----------------------|
| Received Date | : September 6, 2024 | Sample Code | : SEP24-045 |
| Analytical Date | : September 6-24, 2024 | Report No. | : LAB2409014 |
| Sample Condition | : Turbid Yellow, Little Sediment | Report Date | : September 25, 2024 |

| Item | Parameter* | Unit | Method of Analysis | Result | Standard |
|------|--|------------|---|--------|----------|
| 6 | Fecal Coliform Bacteria ⁽¹⁾ | MPN/100 mL | Multiple-Tube Fermentation Technique (SM: 9221 E) | 4.5 | - |
| 7 | Nitrate ⁽²⁾ | mg/L | Cadmium Reduction Method (SM: Part 4500-NO ₃ ⁻ E) | <0.09 | - |

Remark : * The parameters are out of the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: Sampling activities are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: ⁽¹⁾ Analyzed by South East Asian Laboratory Co., Ltd. Registration No. 7-291
: ⁽²⁾ Analyzed by United Analyst and Engineering Consultant Co., Ltd. Registration No. 7-145



(Miss Kornchasa Boonprasopsom)

Technical Supervisor

Reviewed and Approved

- End of The Analysis Report -

ANALYSIS REPORT

| | |
|--------------------------|---|
| Customer Name | : การเคหะแห่งชาติ |
| Address | : 905 ถนนพหลโยธิน แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 |
| Project Name | : โครงการเคหะชุมชนและบริหารชุมชน จังหวัดสระบุรี (แก่งคอย) |
| Sampling Location | : บ่อกักน้ำเสียก่อนเข้าสู่ระบบบำบัดน้ำเสีย |
| Sampling Date | : October 3, 2024 |
| Sampling Time | : 13.14 น. |
| Sampling Source | : Wastewater |
| Sampling By | : Mr. Nontharit Promtakaew |

| | |
|-------------------------|--|
| Received Date | : October 3, 2024 |
| Analytical Date | : October 3-18, 2024 |
| Sample Condition | : Clear Yellow, Little Sediment, Smell |
| Sample Code | : OCT24-032 |
| Report No. | : LAB2410011 |
| Report Date | : October 25, 2024 |

| Item | Parameter | Unit | Method of Analysis | Result ⁽¹⁾ | Standard |
|------|----------------------------|------|--|-----------------------|----------|
| 1 | pH at 25 °C | - | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 4500-H ⁺ B | 7.5 | - |
| 2 | Biochemical Oxygen Demand* | mg/L | 5-Day BOD Test (5210 B), Azide Modification (4500-O C) | 17 | - |
| 3 | Total Suspended Solids | mg/L | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 2540 D | <10 | - |
| 4 | Oil & Grease | mg/L | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 5520 B | <5 | - |
| 5 | Total Kjeldahl Nitrogen* | mg/L | Semi-Micro Kjeldahl Method (4500-N _{ORG} C.) | 20 | - |

Remark : * The parameters are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
 : Sampling activities are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
 : ⁽¹⁾ Analysis results by Skilltech and Environmental Co.Ltd. Registration No. 7-289


 (Miss Kullatida Jeenplangchat)
 Scientist
 3-289-0-0017
 Analyzed


 (Miss Kornchasa Boonprasopsom)
 Technical Supervisor
 3-289-0-0004
 Reviewed and Approved

ANALYSIS REPORT

| | | | |
|-------------------|---|-----------------|----------------------------|
| Customer Name | : การเคหะแห่งชาติ | | |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 | | |
| Project Name | : โครงการเคหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) | | |
| Sampling Location | : บ่อพักน้ำเสียก่อนเข้าสู่ระบบบำบัดน้ำเสีย (ต่อ) | Sampling Source | : Wastewater |
| Sampling Date | : October 3, 2024 | Sampling By | : Mr. Nontharit Promtakaew |
| Sampling Time | : 13.14 น. | | |

| | | | |
|------------------|--|-------------|--------------------|
| Received Date | : October 3, 2024 | Sample Code | : OCT24-032 |
| Analytical Date | : October 3-18, 2024 | Report No. | : LAB2410011 |
| Sample Condition | : Clear Yellow, Little Sediment, Smell | Report Date | : October 25, 2024 |

| Item | Parameter* | Unit | Method of Analysis | Result | Standard |
|------|--|------------|---|---------|----------|
| 6 | Fecal Coliform Bacteria ⁽¹⁾ | MPN/100 mL | Multiple-Tube Fermentation Technique (SM: 9221 E) | 540,000 | - |

Remark : * The parameters are out of the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.

: Sampling activities are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.

: ⁽¹⁾ Analyzed by South East Asian Laboratory Co., Ltd. Registration No. 7-291



(Miss Kornchasa Boonprasopsom)

Technical Supervisor

Reviewed and Approved

ANALYSIS REPORT

| | | | |
|-------------------|---|-----------------|----------------------------|
| Customer Name | : การเคหะแห่งชาติ | | |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 | | |
| Project Name | : โครงการเคหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) | | |
| Sampling Location | : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย | Sampling Source | : Wastewater |
| Sampling Date | : October 3, 2024 | Sampling By | : Mr. Nontharit Promtakaew |
| Sampling Time | : 13.10 น. | | |

| | | | |
|-------------------------|---------------------------------|--------------------|--------------------|
| Received Date | : October 3, 2024 | Sample Code | : OCT24-033 |
| Analytical Date | : October 3-18, 2024 | Report No. | : LAB2410011 |
| Sample Condition | : Clear Yellow, Little Sediment | Report Date | : October 25, 2024 |

| Item | Parameter | Unit | Method of Analysis | Result ⁽¹⁾ | Standard ⁽²⁾ |
|------|----------------------------|------|--|-----------------------|-------------------------|
| 1 | pH at 25 °C | - | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 4500-H ⁺ B | 8.4 | 5.5-9.0 |
| 2 | Biochemical Oxygen Demand* | mg/L | 5-Day BOD Test (5210 B), Azide Modification (4500-O C) | 5 | ≤20 |
| 3 | Total Suspended Solids | mg/L | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 2540 D | 10 | ≤30 |
| 4 | Oil & Grease | mg/L | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 5520 B | <5 | ≤20 |
| 5 | Total Kjeldahl Nitrogen* | mg/L | Semi-Micro Kjeldahl Method (4500-N _{ORG} C.) | 4 | ≤35 |

Remark : * The parameters are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
 : Sampling activities are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
 : ⁽¹⁾ Analysis results by Skilltech and Environmental Co.Ltd. Registration No. 3-289
 : ⁽²⁾ ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากที่ดินจัดสรร พ.ศ. 2564 (ประเภท ก)


 (Miss Kullatida Jeenplangchat)
 Scientist
 3-289-ก-0017
 Analyzed


 (Miss Kornchasa Boonprasopsom)
 Technical Supervisor
 3-289-ก-0004
 Reviewed and Approved

ANALYSIS REPORT

| | | | |
|-------------------|---|-----------------|----------------------------|
| Customer Name | : การเคหะแห่งชาติ | | |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 | | |
| Project Name | : โครงการเคหะชุมชนและบริหารชุมชน จังหวัดสระบุรี (แก่งคอย) | | |
| Sampling Location | : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย (ต่อ) | Sampling Source | : Wastewater |
| Sampling Date | : October 3, 2024 | Sampling By | : Mr. Nontharit Promtakaew |
| Sampling Time | : 13.10 น. | | |

| | | | |
|-------------------------|---------------------------------|--------------------|--------------------|
| Received Date | : October 3, 2024 | Sample Code | : OCT24-033 |
| Analytical Date | : October 3-18, 2024 | Report No. | : LAB2410011 |
| Sample Condition | : Clear Yellow, Little Sediment | Report Date | : October 25, 2024 |

| Item | Parameter* | Unit | Method of Analysis | Result | Standard |
|------|--|------------|---|--------|----------|
| 6 | Fecal Coliform Bacteria ⁽¹⁾ | MPN/100 mL | Multiple-Tube Fermentation Technique (SM: 9221 E) | 170 | - |
| 7 | Nitrate ⁽²⁾ | mg/L | Cadmium Reduction Method (SM: Part 4500-NO ₃ ⁻ E) | <0.09 | - |

Remark : * The parameters are out of the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: Sampling activities are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: ⁽¹⁾ Analyzed by South East Asian Laboratory Co., Ltd. Registration No. 2-291
: ⁽²⁾ Analyzed by United Analyst and Engineering Consultant Co., Ltd. Registration No. 2-145


(Miss Kornchasa Boonprasopsom)
Technical Supervisor
Reviewed and Approved

ANALYSIS REPORT

| | | | |
|-------------------|---|-----------------|----------------------------|
| Customer Name | : การเคหะแห่งชาติ | | |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 | | |
| Project Name | : โครงการเคหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) | | |
| Sampling Location | : บ่อกักตุนน้ำก่อนระบายออกสู่แหล่งน้ำสาธารณะ | Sampling Source | : Wastewater |
| Sampling Date | : October 3, 2024 | Sampling By | : Mr. Nontharit Promitkaew |
| Sampling Time | : 13.28 น. | | |

| | | | |
|------------------|----------------------------------|-------------|--------------------|
| Received Date | : October 3, 2024 | Sample Code | : OCT24-034 |
| Analytical Date | : October 3-18, 2024 | Report No. | : LAB2410011 |
| Sample Condition | : Turbid Yellow, Little Sediment | Report Date | : October 25, 2024 |

| Item | Parameter | Unit | Method of Analysis | Result ⁽¹⁾ | Standard ⁽²⁾ |
|------|----------------------------|------|--|-----------------------|-------------------------|
| 1 | pH at 25 °C | - | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 4500-H ⁺ B | 7.9 | 5.5-9.0 |
| 2 | Biochemical Oxygen Demand* | mg/L | 5-Day BOD Test (5210 B), Azide Modification (4500-O C) | 7 | ≤20 |
| 3 | Total Suspended Solids | mg/L | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 2540 D | 26 | ≤30 |
| 4 | Oil & Grease | mg/L | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 5520 B | <5 | ≤20 |
| 5 | Total Kjeldahl Nitrogen* | mg/L | Semi-Micro Kjeldahl Method (4500-N _{ORG} C.) | 6 | ≤35 |

Remark : * The parameters are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.

: Sampling activities are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.

: ⁽¹⁾ Analysis results by Skilltech and Environmental Co.Ltd. Registration No. 3-289

: ⁽²⁾ ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากที่ดินจัดสรร พ.ศ. 2564 (ประเภท ก)



(Miss Kullatida Jeenplangchat)

Scientist

3-289-ก-0017

Analyzed



(Miss Kornchasa Boonprasopsom)

Technical Supervisor

3-289-ก-0004

Reviewed and Approved

ANALYSIS REPORT

| | | | |
|-------------------|---|-----------------|----------------------------|
| Customer Name | : การเคหะแห่งชาติ | | |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 | | |
| Project Name | : โครงการเคหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) | | |
| Sampling Location | : บ่อพักสุดท้ายก่อนระบายออกสู่แหล่งน้ำสาธารณะ (ต่อ) | Sampling Source | : Wastewater |
| Sampling Date | : October 3, 2024 | Sampling By | : Mr. Nontharit Promtakaew |
| Sampling Time | : 13.28 น. | | |

| | | | |
|------------------|----------------------------------|-------------|--------------------|
| Received Date | : October 3, 2024 | Sample Code | : OCT24-034 |
| Analytical Date | : October 3-18, 2024 | Report No. | : LAB2410011 |
| Sample Condition | : Turbid Yellow, Little Sediment | Report Date | : October 25, 2024 |

| Item | Parameter* | Unit | Method of Analysis | Result | Standard |
|------|--|------------|---|--------|----------|
| 6 | Fecal Coliform Bacteria ⁽¹⁾ | MPN/100 mL | Multiple-Tube Fermentation Technique (SM: 9221 E) | 27 | - |
| 7 | Nitrate ⁽²⁾ | mg/L | Cadmium Reduction Method (SM: Part 4500-NO ₃ ⁻ E) | 0.44 | - |

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: ⁽¹⁾ Analyzed by South East Asian Laboratory Co., Ltd. Registration No. 3-291

: ⁽²⁾ Analyzed by United Analyst and Engineering Consultant Co., Ltd. Registration No. 3-145



(Miss Kornchasa Boonprasopsom)

Technical Supervisor

Reviewed and Approved

- End of The Analysis Report -

ANALYSIS REPORT

| | |
|-------------------|---|
| Customer Name | : การเคหะแห่งชาติ |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 |
| Project Name | : โครงการเลหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) |
| Sampling Location | : บ่อพักน้ำเสียก่อนเข้าสู่ระบบบำบัดน้ำเสีย |
| Sampling Date | : November 4, 2024 |
| Sampling Time | : 10.28 น. |
| Sampling Source | : Wastewater |
| Sampling By | : Mr. Nontharit Promtakaew |

| | |
|------------------|--|
| Received Date | : November 4, 2024 |
| Analytical Date | : November 4-25, 2024 |
| Sample Condition | : Clear Yellow, Little Sediment, Smell |
| Sample Code | : NOV24-010 |
| Report No. | : LAB2411003 |
| Report Date | : November 27, 2024 |

| Item | Parameter | Unit | Method of Analysis | Result ⁽¹⁾ | Standard |
|------|----------------------------|------|--|-----------------------|----------|
| 1 | pH at 25 °C | - | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 4500-H ⁺ B | 7.3 | - |
| 2 | Biochemical Oxygen Demand* | mg/L | 5-Day BOD Test (5210 B), Azide Modification (4500-O C) | 41 | - |
| 3 | Total Suspended Solids | mg/L | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 2540 D | <10 | - |
| 4 | Oil & Grease | mg/L | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 5520 B | <5 | - |
| 5 | Total Kjeldahl Nitrogen* | mg/L | Semi-Micro Kjeldahl Method (4500-N _{ORG} C.) | 50 | - |

Remark : * The parameters are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
 : Sampling activities are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
 : ⁽¹⁾ Analysis results by Skilltech and Environmental Co.,Ltd. Registration No. 7-289


 (Miss Kullatida Jeenplangchat)
 Scientist
 7-289-0-0017
 Analyzed


 (Miss Kornchasa Boonprasopsom)
 Technical Supervisor
 7-289-0-0004
 Reviewed and Approved

ANALYSIS REPORT

| | | | |
|--------------------------|---|------------------------|----------------------------|
| Customer Name | : การกะเหรี่ยงชาติ | | |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 | | |
| Project Name | : โครงการเคหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) | | |
| Sampling Location | : บ่อพักน้ำเสียก่อนเข้าสู่ระบบบำบัดน้ำเสีย (ต่อ) | Sampling Source | : Wastewater |
| Sampling Date | : November 4, 2024 | Sampling By | : Mr. Nontharit Promtakaew |
| Sampling Time | : 10.28 น. | | |

| | | | |
|-------------------------|--|--------------------|---------------------|
| Received Date | : November 4, 2024 | Sample Code | : NOV24-010 |
| Analytical Date | : November 4-25, 2024 | Report No. | : LAB2411003 |
| Sample Condition | : Clear Yellow, Little Sediment, Smell | Report Date | : November 27, 2024 |

| Item | Parameter* | Unit | Method of Analysis | Result | Standard |
|------|--|------------|---|--------|----------|
| 6 | Fecal Coliform Bacteria ⁽¹⁾ | MPN/100 mL | Multiple-Tube Fermentation Technique (SM: 9221 E) | 92,000 | - |

Remark : * The parameters are out of the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
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: ⁽¹⁾ Analyzed by South East Asian Laboratory Co., Ltd. Registration No. 7-291



(Miss Kornchasa Boonprasopsom)

Technical Supervisor

Reviewed and Approved

ANALYSIS REPORT

| | |
|-------------------|---|
| Customer Name | : การเคหะแห่งชาติ |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 |
| Project Name | : โครงการเคหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) |
| Sampling Location | : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย |
| Sampling Date | : November 4, 2024 |
| Sampling Time | : 10.22 น. |
| Sampling Source | : Wastewater |
| Sampling By | : Mr. Nontharit Promtakaew |

| | |
|------------------|--------------------------|
| Received Date | : November 4, 2024 |
| Analytical Date | : November 4-25, 2024 |
| Sample Condition | : Clear Yellow, Sediment |
| Sample Code | : NOV24-011 |
| Report No. | : LAB2411003 |
| Report Date | : November 27, 2024 |

| Item | Parameter | Unit | Method of Analysis | Result ⁽¹⁾ | Standard ⁽²⁾ |
|------|----------------------------|------|--|-----------------------|-------------------------|
| 1 | pH at 25 °C | - | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 4500-H ⁺ B | 7.3 | 5.5-9.0 |
| 2 | Biochemical Oxygen Demand* | mg/L | 5-Day BOD Test (5210 B), Azide Modification (4500-O C) | 10 | ≤20 |
| 3 | Total Suspended Solids | mg/L | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 2540 D | 22 | ≤30 |
| 4 | Oil & Grease | mg/L | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 5520 B | <5 | ≤20 |
| 5 | Total Kjeldahl Nitrogen* | mg/L | Semi-Micro Kjeldahl Method (4500-N _{ORG} C.) | 26 | ≤35 |

Remark : * The parameters are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.

: Sampling activities are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.

: ⁽¹⁾ Analysis results by Skilltech and Environmental Co.Ltd. Registration No. 3-289

: ⁽²⁾ ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากที่คั่นจัดสรร พ.ศ. 2564 (ประเภท ก)


(Miss Kullatida Jeenplangchat)

Scientist

3-289-0-0017

Analyzed


(Miss Kornchasa Boonprasopsom)

Technical Supervisor

3-289-0-0004

Reviewed and Approved

ANALYSIS REPORT

| | | | |
|-------------------|---|-----------------|----------------------------|
| Customer Name | : การกะแหงชาติ | | |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 | | |
| Project Name | : โครงการเคหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) | | |
| Sampling Location | : บ่อกักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย (ต่อ) | Sampling Source | : Wastewater |
| Sampling Date | : November 4, 2024 | Sampling By | : Mr. Nontharit Promtakaew |
| Sampling Time | : 10.22 น. | | |

| | | | |
|------------------|--------------------------|-------------|---------------------|
| Received Date | : November 4, 2024 | Sample Code | : NOV24-011 |
| Analytical Date | : November 4-25, 2024 | Report No. | : LAB2411003 |
| Sample Condition | : Clear Yellow, Sediment | Report Date | : November 27, 2024 |

| Item | Parameter* | Unit | Method of Analysis | Result | Standard |
|------|--|------------|--|--------|----------|
| 6 | Fecal Coliform Bacteria ⁽¹⁾ | MPN/100 mL | Multiple-Tube Fermentation Technique (SM: 9221 E) | 23 | - |
| 7 | Nitrate ⁽²⁾ | mg/L | Cadmium Reduction Method (SM: Part 4500-NO ₃ E) | 0.35 | - |

Remark : * The parameters are out of the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: Sampling activities are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: ⁽¹⁾ Analyzed by South East Asian Laboratory Co., Ltd. Registration No. 7-291
: ⁽²⁾ Analyzed by United Analyst and Engineering Consultant Co., Ltd. Registration No. 7-145


(Miss Kornchasa Boonprasopsom)
Technical Supervisor
Reviewed and Approved

ANALYSIS REPORT

| | | | |
|-------------------|---|-----------------|----------------------------|
| Customer Name | : การเคหะแห่งชาติ | | |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 | | |
| Project Name | : โครงการเคหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) | | |
| Sampling Location | : บ่อพักสุดท้ายก่อนระบายออกสู่แหล่งน้ำสาธารณะ | Sampling Source | : Wastewater |
| Sampling Date | : November 4, 2024 | Sampling By | : Mr. Nontharit Promtakaew |
| Sampling Time | : 10.10 น. | | |

| | | | |
|------------------|---------------------------------|-------------|---------------------|
| Received Date | : November 4, 2024 | Sample Code | : NOV24-012 |
| Analytical Date | : November 4-25, 2024 | Report No. | : LAB2411003 |
| Sample Condition | : Clear Yellow, Little Sediment | Report Date | : November 27, 2024 |

| Item | Parameter | Unit | Method of Analysis | Result ⁽¹⁾ | Standard ⁽²⁾ |
|------|----------------------------|------|--|-----------------------|-------------------------|
| 1 | pH at 25 °C | - | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 4500-H ⁺ B | 7.2 | 5.5-9.0 |
| 2 | Biochemical Oxygen Demand* | mg/L | 5-Day BOD Test (5210 B), Azide Modification (4500-O C) | 6 | ≤20 |
| 3 | Total Suspended Solids | mg/L | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 2540 D | 13 | ≤30 |
| 4 | Oil & Grease | mg/L | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 5520 B | <5 | ≤20 |
| 5 | Total Kjeldahl Nitrogen* | mg/L | Semi-Micro Kjeldahl Method (4500-N _{ORG} C.) | 24 | ≤35 |

Remark : * The parameters are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
 : Sampling activities are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
 : ⁽¹⁾ Analysis results by Skilltech and Environmental Co.,Ltd. Registration No. 3-289
 : ⁽²⁾ ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากที่ดินจัดสรร พ.ศ. 2564 (ประเภท ก)


 (Miss Kullatida Jeenplangchat)
 Scientist
 3-289-ก-0017
 Analyzed


 (Miss Kornchasa Boonprasopsom)
 Technical Supervisor
 3-289-ก-0004
 Reviewed and Approved

ANALYSIS REPORT

| | | | |
|--------------------------|---|------------------------|----------------------------|
| Customer Name | : การเคหะแห่งชาติ | | |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 | | |
| Project Name | : โครงการเคหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) | | |
| Sampling Location | : บ่อพักสุดท้ายก่อนระบายออกสู่แหล่งน้ำสาธารณะ (ค้อ) | Sampling Source | : Wastewater |
| Sampling Date | : November 4, 2024 | Sampling By | : Mr. Nontharit Promtakaew |
| Sampling Time | : 10.10 น. | | |

| | | | |
|-------------------------|---------------------------------|--------------------|---------------------|
| Received Date | : November 4, 2024 | Sample Code | : NOV24-012 |
| Analytical Date | : November 4-25, 2024 | Report No. | : LAB2411003 |
| Sample Condition | : Clear Yellow, Little Sediment | Report Date | : November 27, 2024 |

| Item | Parameter* | Unit | Method of Analysis | Result | Standard |
|------|--|------------|---|--------|----------|
| 6 | Fecal Coliform Bacteria ⁽¹⁾ | MPN/100 mL | Multiple-Tube Fermentation Technique (SM: 9221 E) | 350 | - |
| 7 | Nitrate ⁽²⁾ | mg/L | Cadmium Reduction Method (SM: Part 4500-NO ₃ ⁻ E) | 0.44 | - |

Remark : * The parameters are out of the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: Sampling activities are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: ⁽¹⁾ Analyzed by South East Asian Laboratory Co., Ltd. Registration No. 3-291
: ⁽²⁾ Analyzed by United Analyst and Engineering Consultant Co., Ltd. Registration No. 3-145


(Miss Kornchasa Boonprasopsom)
Technical Supervisor
Reviewed and Approved

- End of The Analysis Report -

ANALYSIS REPORT

| | |
|--------------------------|---|
| Customer Name | : การเคหะแห่งชาติ |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 |
| Project Name | : โครงการเลหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) |
| Sampling Location | : บ่อพักน้ำเสียก่อนเข้าสู่ระบบบำบัดน้ำเสีย |
| Sampling Date | : December 5, 2024 |
| Sampling Time | : 13.04 น. |
| Sampling Source | : Wastewater |
| Sampling By | : Mr. Nontharit Promtakaew |

| | |
|-------------------------|---|
| Received Date | : December 7, 2024 |
| Analytical Date | : December 7-17, 2024 |
| Sample Condition | : Turbid Yellow, Little Sediment, Smell |
| Sample Code | : DEC24-064 |
| Report No. | : LAB2412019 |
| Report Date | : December 18, 2024 |

| Item | Parameter | Unit | Method of Analysis | Result ⁽¹⁾ | Standard |
|------|----------------------------|------|--|-----------------------|----------|
| 1 | pH at 25 °C | - | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 4500-H ⁺ B | 7.1 | - |
| 2 | Biochemical Oxygen Demand* | mg/L | 5-Day BOD Test (5210 B), Azide Modification (4500-O C) | 51 | - |
| 3 | Total Suspended Solids | mg/L | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 2540 D | <10 | - |
| 4 | Oil & Grease | mg/L | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 5520 B | <5 | - |
| 5 | Total Kjeldahl Nitrogen* | mg/L | Semi-Micro Kjeldahl Method (4500-N _{ORG} C.) | 29 | - |

Remark : * The parameters are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: Sampling activities are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
: ⁽¹⁾ Analysis results by Skilltech and Environmental Co.Ltd. Registration No. 7-289


(Miss Kullatida Jeenplangchat)
Scientist
3-289-0-0017
Analyzed


(Miss Kornchasa Boonprasopsom)
Technical Supervisor
3-289-0-0004
Reviewed and Approved

ANALYSIS REPORT

| | | | |
|-------------------|---|-----------------|----------------------------|
| Customer Name | : การเคหะแห่งชาติ | | |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 | | |
| Project Name | : โครงการเคหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) | | |
| Sampling Location | : บ่อพักน้ำเสียก่อนเข้าสู่ระบบบำบัดน้ำเสีย (ต่อ) | Sampling Source | : Wastewater |
| Sampling Date | : December 5, 2024 | Sampling By | : Mr. Nontharit Promtakaew |
| Sampling Time | : 13.04 น. | | |

| | | | |
|------------------|---|-------------|---------------------|
| Received Date | : December 7, 2024 | Sample Code | : DEC24-064 |
| Analytical Date | : December 7-17, 2024 | Report No. | : LAB2412019 |
| Sample Condition | : Turbid Yellow, Little Sediment, Smell | Report Date | : December 18, 2024 |

| Item | Parameter* | Unit | Method of Analysis | Result | Standard |
|------|--|------------|---|--------|----------|
| 6 | Fecal Coliform Bacteria ⁽¹⁾ | MPN/100 mL | Multiple-Tube Fermentation Technique (SM: 9221 E) | 17,000 | - |

Remark : * The parameters are out of the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.

: Sampling activities are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.

: ⁽¹⁾ Analyzed by South East Asian Laboratory Co., Ltd. Registration No. 3-291



(Miss Kornchasa Boonprasopsom)

Technical Supervisor

Reviewed and Approved

ANALYSIS REPORT

| | |
|--------------------------|---|
| Customer Name | : การเคหะแห่งชาติ |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 |
| Project Name | : โครงการเคหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) |
| Sampling Location | : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย |
| Sampling Date | : December 5, 2024 |
| Sampling Time | : 13.09 น. |
| Sampling Source | : Wastewater |
| Sampling By | : Mr. Nontharit Promtakaew |

| | |
|-------------------------|---------------------------------|
| Received Date | : December 7, 2024 |
| Analytical Date | : December 7-17, 2024 |
| Sample Condition | : Turbid Green, Little Sediment |
| Sample Code | : DEC24-065 |
| Report No. | : LAB2412019 |
| Report Date | : December 18, 2024 |

| Item | Parameter | Unit | Method of Analysis | Result ⁽¹⁾ | Standard ⁽²⁾ |
|------|----------------------------|------|--|-----------------------|-------------------------|
| 1 | pH at 25 °C | - | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 4500-H ⁺ B | 7.3 | 5.5-9.0 |
| 2 | Biochemical Oxygen Demand* | mg/L | 5-Day BOD Test (5210 B), Azide Modification (4500-O C) | 7 | ≤20 |
| 3 | Total Suspended Solids | mg/L | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 2540 D | 15 | ≤30 |
| 4 | Oil & Grease | mg/L | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 5520 B | <5 | ≤20 |
| 5 | Total Kjeldahl Nitrogen* | mg/L | Semi-Micro Kjeldahl Method (4500-N _{ORG} C.) | <4 | ≤35 |

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: ⁽¹⁾ Analysis results by Skilltech and Environmental Co.Ltd. Registration No. 7-289
: ⁽²⁾ ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากที่ดินจัดสรร พ.ศ. 2564 (ประเภท ก)


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3-289-ก-0004
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ANALYSIS REPORT

| | | | |
|-------------------|---|-----------------|----------------------------|
| Customer Name | : การเคหะแห่งชาติ | | |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 | | |
| Project Name | : โครงการเคหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) | | |
| Sampling Location | : บ่อพักน้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย (ต่อ) | Sampling Source | : Wastewater |
| Sampling Date | : December 5, 2024 | Sampling By | : Mr. Nontharit Promtakaew |
| Sampling Time | : 13.09 น. | | |

| | | | |
|------------------|---------------------------------|-------------|---------------------|
| Received Date | : December 7, 2024 | Sample Code | : DEC24-065 |
| Analytical Date | : December 7-17, 2024 | Report No. | : LAB2412019 |
| Sample Condition | : Turbid Green, Little Sediment | Report Date | : December 18, 2024 |

| Item | Parameter* | Unit | Method of Analysis | Result | Standard |
|------|--|------------|---|--------|----------|
| 6 | Fecal Coliform Bacteria ⁽¹⁾ | MPN/100 mL | Multiple-Tube Fermentation Technique (SM: 9221 E) | <1.8 | - |
| 7 | Nitrate ⁽²⁾ | mg/L | Cadmium Reduction Method (SM: Part 4500-NO ₃ ⁻ E) | <0.09 | - |

Remark : * The parameters are out of the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.

: Sampling activities are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.

: ⁽¹⁾ Analyzed by South East Asian Laboratory Co., Ltd. Registration No. 7-291

: ⁽²⁾ Analyzed by United Analyst and Engineering Consultant Co., Ltd. Registration No. 7-145


 (Miss Kornchasa Boonprasopsom)
 Technical Supervisor
 Reviewed and Approved

ANALYSIS REPORT

| | | | |
|-------------------|---|-----------------|----------------------------|
| Customer Name | : การเคหะแห่งชาติ | | |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 | | |
| Project Name | : โครงการเคหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) | | |
| Sampling Location | : บ่อพักสุดท้ายก่อนระบายออกสู่แหล่งน้ำสาธารณะ | Sampling Source | : Wastewater |
| Sampling Date | : December 5, 2024 | Sampling By | : Mr. Nontharit Promtakaew |
| Sampling Time | : 13.19 น. | | |

| | | | |
|------------------|----------------------------------|-------------|---------------------|
| Received Date | : December 7, 2024 | Sample Code | : DEC24-066 |
| Analytical Date | : December 7-17, 2024 | Report No. | : LAB2412019 |
| Sample Condition | : Turbid Yellow, Little Sediment | Report Date | : December 18, 2024 |

| Item | Parameter | Unit | Method of Analysis | Result ⁽¹⁾ | Standard ⁽²⁾ |
|------|----------------------------|------|--|-----------------------|-------------------------|
| 1 | pH at 25 °C | - | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 4500-H ⁺ B | 7.2 | 5.5-9.0 |
| 2 | Biochemical Oxygen Demand* | mg/L | 5-Day BOD Test (5210 B), Azide Modification (4500-O C) | 8 | ≤20 |
| 3 | Total Suspended Solids | mg/L | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 2540 D | <10 | ≤30 |
| 4 | Oil & Grease | mg/L | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF 24 th edition, 2023, part 5520 B | <5 | ≤20 |
| 5 | Total Kjeldahl Nitrogen* | mg/L | Semi-Micro Kjeldahl Method (4500-N _{ORG} C.) | <4 | ≤35 |

Remark : * The parameters are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
 : Sampling activities are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.
 : ⁽¹⁾ Analysis results by Skilltech and Environmental Co.Ltd. Registration No. 3-289
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 Scientist
 3-289-0-0017
 Analyzed


 (Miss Kornchasa Boonprasopsom)
 Technical Supervisor
 3-289-0-0004
 Reviewed and Approved

ANALYSIS REPORT

| | | |
|--------------------------|---|---|
| Customer Name | : การเคหะแห่งชาติ | |
| Address | : 905 ถนนนวมินทร์ แขวงคลองจั่น เขตบางกะปิ กรุงเทพฯ 10240 | |
| Project Name | : โครงการเคหะชุมชนและบริการชุมชน จังหวัดสระบุรี (แก่งคอย) | |
| Sampling Location | : บ่อพักสุดท้ายก่อนระบายออกสู่แหล่งน้ำสาธารณะ (ต่อ) | Sampling Source : Wastewater |
| Sampling Date | : December 5, 2024 | Sampling By : Mr. Nontharit Promtakaew |
| Sampling Time | : 13.19 น. | |

| | | | |
|-------------------------|----------------------------------|--------------------|---------------------|
| Received Date | : December 7, 2024 | Sample Code | : DEC24-066 |
| Analytical Date | : December 7-17, 2024 | Report No. | : LAB2412019 |
| Sample Condition | : Turbid Yellow, Little Sediment | Report Date | : December 18, 2024 |

| Item | Parameter* | Unit | Method of Analysis | Result | Standard |
|------|--|------------|---|--------|----------|
| 6 | Fecal Coliform Bacteria ⁽¹⁾ | MPN/100 mL | Multiple-Tube Fermentation Technique (SM: 9221 E) | 33 | - |
| 7 | Nitrate ⁽²⁾ | mg/L | Cadmium Reduction Method (SM: Part 4500-NO ₃ -E) | 0.35 | - |

Remark : * The parameters are out of the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.

: Sampling activities are outside the scope of accreditation to ISO/IEC 17025:2017 by Thai Industrial Standards Institute.

: ⁽¹⁾ Analyzed by South East Asian Laboratory Co., Ltd. Registration No. 7-291

: ⁽²⁾ Analyzed by United Analyst and Engineering Consultant Co., Ltd. Registration No. 7-145



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Technical Supervisor

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- End of The Analysis Report -