

## เอกสารแนบ 4

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เอกสารผลการตรวจวัดคุณภาพสิ่งแวดล้อม



## ANALYSIS REPORT

CUSTOMER NAME : แอพินี เรสซิเดนซ์  
ADDRESS : ซอยร่วมฤดี แขวงลุมพินี เขตปทุมวัน กทม. 10330  
SAMPLING LOCATION : น้ำเสียเข้าระบบบำบัด (ทิศเหนือ)  
SAMPLING METHOD : GRAB  
SAMPLING CONDITION : NORMAL  
CHARACTERISTICS OF WATER : เทาขุ่น มีตะกอน มีกลิ่น  
SAMPLING DATE : DECEMBER 18, 2023  
SAMPLING TIME : 12:00  
SAMPLING BY :   
REPORT NO. : RN231291862  
SOURCE : WASTEWATER  
RECEIVED DATE : DECEMBER 18, 2023  
DATE : DECEMBER 18-28, 2023  
REPORT DATE : DECEMBER 28, 2023

| PARAMETER                   | UNIT | METHODS OF ANALYSIS                                     | RESULT | MDL | STANDARD |
|-----------------------------|------|---------------------------------------------------------|--------|-----|----------|
| pH                          | -    | Electrometric (SM: 4500-H <sup>+</sup> B.)              | 7.3    | -   | -        |
| Biochemical Oxygen Demand   | mg/l | Membrane Electrode (SM: 4500-O <sub>2</sub> G, 5210 B.) | 84.2   | -   | -        |
| Total Dissolved Solids      | mg/l | Total Dissolved Solids Dried at 180 °C (SM: 2540 C.)    | 392.0  | -   | -        |
| Suspended Solids            | mg/l | Suspended Solids Dried at 103-105 °C (SM: 2540 D.)      | 65.0   | -   | -        |
| Settleable Solids           | mL/l | Settleable Solids (SM: 2540 F.)                         | 3.0    | -   | -        |
| Sulfide as H <sub>2</sub> S | mg/l | Iodometric (SM: 4500-S <sup>2-</sup> F.)                | <1.0   | -   | -        |
| Total Kjeldahl Nitrogen     | mg/l | Macro Kjeldahl (SM: 4500-N <sub>org</sub> B)            | 50.0   | -   | -        |
| Grease & Oil                | mg/l | Liquid-Liquid Partition-Gravimetric (SM: 5520 B.)       | <5.0   | 1.4 | -        |

SM : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23<sup>rd</sup> ED.,2017 (AWWA,APHA, WEF)

Remark : 1. - Not available .

2. Notification of the Ministry of Natural Resources and Environment, dated November 7, B.E. 2548 (2005), which was published in the Royal Government Gazette, Vol. 122, Part 125D dated December 19, B.E. 2548 (2005) . (Category B)

  
Scientist

Environmental Laboratory Section Manager

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## ANALYSIS REPORT

CUSTOMER NAME : แอทธิณี เรสซิเดนซ์  
ADDRESS : ซอยร่วมฤดี แขวงลุมพินี เขตปทุมวัน กทม. 10330  
SAMPLING LOCATION : น้ำเสียออกระบบบำบัด (ทิศเหนือ)  
SAMPLING METHOD : GRAB  
SAMPLING CONDITION : NORMAL  
CHARACTERISTICS OF WATER : เหลืองขุ่น มีตะกอน มีกลิ่น  
SAMPLING DATE : DECEMBER 18, 2023  
SAMPLING TIME : 12:00  
SAMPLING BY :   
REPORT NO. : RN231291863  
SOURCE : WASTEWATER  
RECEIVED DATE : DECEMBER 18, 2023  
DATE : DECEMBER 18-28, 2023  
REPORT DATE : DECEMBER 28, 2023

| PARAMETER                   | UNIT | METHODS OF ANALYSIS                                     | RESULT | MDL | STANDARD* |
|-----------------------------|------|---------------------------------------------------------|--------|-----|-----------|
| pH                          | -    | Electrometric (SM: 4500-H <sup>+</sup> B.)              | 7.4    | -   | 5-9       |
| Biochemical Oxygen Demand   | mg/l | Membrane Electrode (SM: 4500-O <sub>2</sub> G, 5210 B.) | 18.1   | -   | ≤30       |
| Total Dissolved Solids      | mg/l | Total Dissolved Solids Dried at 180 °C (SM: 2540 C.)    | 386.0  | -   | ≤500      |
| Suspended Solids            | mg/l | Suspended Solids Dried at 103-105 °C (SM: 2540 D.)      | 31.0   | -   | ≤40       |
| Settleable Solids           | ml/l | Settleable Solids (SM: 2540 F.)                         | 1.0    | -   | ≤0.5      |
| Sulfide as H <sub>2</sub> S | mg/l | Iodometric (SM: 4500-S <sup>2-</sup> F.)                | <1.0   | -   | ≤1.0      |
| Total Kjeldahl Nitrogen     | mg/l | Macro Kjeldahl (SM: 4500-N <sub>org</sub> B)            | 9.8    | -   | ≤35       |
| Grease & Oil                | mg/l | Liquid-Liquid Partition-Gravimetric (SM: 5520 B.)       | N.D.   | 1.4 | ≤20       |

SM : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23<sup>rd</sup> ED.,2017 (AWWA,APHA, WEF)

Remark : 1. - Not available .

2. Notification of the Ministry of Natural Resources and Environment, dated November 7, B.E. 2548 (2005), which was published in the Royal Government Gazette, Vol. 122, Part 125D dated December 19, B.E. 2548 (2005) . (Category B)
3. N.D. (Not Detectable) หมายถึง ตรวจไม่พบ

Scientist

Environmental Laboratory Section Manager

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## ANALYSIS REPORT

CUSTOMER NAME : แอทินี เรสซิเดนซ์

ADDRESS : ซอยร่วมฤดี แขวงลุมพินี เขตปทุมวัน กทม. 10330

SAMPLING LOCATION : น้ำเสียเข้าระบบบำบัด (ทิศใต้)

SAMPLING METHOD : GRAB

SAMPLING CONDITION : NORMAL

CHARACTERISTICS OF WATER : เทาขุ่น มีตะกอน มีกลิ่น

SAMPLING DATE : DECEMBER 18, 2023

SAMPLING TIME : 12:00

SAMPLING BY

REPORT NO. : RN231291860

SOURCE : WASTEWATER

RECEIVED DATE : DECEMBER 18, 2023

DATE : DECEMBER 18-28, 2023

REPORT DATE : DECEMBER 28, 2023

| PARAMETER                   | UNIT | METHODS OF ANALYSIS                                     | RESULT | MDL | STANDARD* |
|-----------------------------|------|---------------------------------------------------------|--------|-----|-----------|
| pH                          | -    | Electrometric (SM: 4500-H <sup>+</sup> B.)              | 7.3    | -   | -         |
| Biochemical Oxygen Demand   | mg/l | Membrane Electrode (SM: 4500-O <sub>2</sub> G, 5210 B.) | 89.0   | -   | -         |
| Total Dissolved Solids      | mg/l | Total Dissolved Solids Dried at 180 °C (SM: 2540 C.)    | 396.0  | -   | -         |
| Suspended Solids            | mg/l | Suspended Solids Dried at 103-105 °C (SM: 2540 D.)      | 71.0   | -   | -         |
| Settleable Solids           | mL/l | Settleable Solids (SM: 2540 F.)                         | 4.0    | -   | -         |
| Sulfide as H <sub>2</sub> S | mg/l | Iodometric (SM: 4500-S <sup>2-</sup> F.)                | <1.0   | -   | -         |
| Total Kjeldahl Nitrogen     | mg/l | Macro Kjeldahl (SM: 4500-N <sub>org</sub> B)            | 49.0   | -   | -         |
| Grease & Oil                | mg/l | Liquid-Liquid Partition-Gravimetric (SM: 5520 B.)       | <5.0   | 1.4 | -         |

SM : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23<sup>rd</sup> ED., 2017 (AWWA, APHA, WEF)

Remark : 1. - Not available .

2. Notification of the Ministry of Natural Resources and Environment, dated November 7, B.E. 2548 (2005), which was published in the Royal Government Gazette, Vol. 122, Part 125D dated December 19, B.E. 2548 (2005) . (Category B)

Scientist

Environmental Laboratory Section Manager

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## ANALYSIS REPORT

CUSTOMER NAME : แอทินี เรสซิเดนซ์  
ADDRESS : ซอยร่วมฤดี แขวงลุมพินี เขตปทุมวัน กทม. 10330  
SAMPLING LOCATION : น้ำเสียออกระบบบำบัด (ทิศใต้)  
SAMPLING METHOD : GRAB  
SAMPLING CONDITION : NORMAL  
CHARACTERISTICS OF WATER : เทาขุ่น มีตะกอน มีกลิ่น  
SAMPLING DATE : DECEMBER 18, 2023  
SAMPLING TIME : 12:00  
SAMPLING BY :   
REPORT NO. : RN231291861  
SOURCE : WASTEWATER  
RECEIVED DATE : DECEMBER 18, 2023  
DATE : DECEMBER 18-28, 2023  
REPORT DATE : DECEMBER 28, 2023

| PARAMETER                   | UNIT | METHODS OF ANALYSIS                                  | RESULT | MDL | STANDARD |
|-----------------------------|------|------------------------------------------------------|--------|-----|----------|
| pH                          | -    | Electrometric (SM: 4500-H <sup>+</sup> B.)           | 7.3    | -   | 5-9      |
| Biochemical Oxygen Demand   | mg/l | Membrane Electrode (SM: 4500-O G, 5210 B.)           | 10.3   | -   | ≤30      |
| Total Dissolved Solids      | mg/l | Total Dissolved Solids Dried at 180 °C (SM: 2540 C.) | 372.0  | -   | ≤500     |
| Suspended Solids            | mg/l | Suspended Solids Dried at 103-105 °C (SM: 2540 D.)   | 115.0  | -   | ≤40      |
| Settleable Solids           | ml/l | Settleable Solids (SM: 2540 F.)                      | 7.0    | -   | ≤0.5     |
| Sulfide as H <sub>2</sub> S | mg/l | Iodometric (SM: 4500-S <sup>2-</sup> F.)             | <1.0   | -   | ≤1.0     |
| Total Kjeldahl Nitrogen     | mg/l | Macro Kjeldahl (SM: 4500-N <sub>org</sub> B)         | 5.9    | -   | ≤35      |
| Grease & Oil                | mg/l | Liquid-Liquid Partition-Gravimetric (SM: 5520 B.)    | N.D.   | 1.4 | ≤20      |

SM : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23<sup>rd</sup> ED., 2017 (AWWA, APHA, WEF)

Remark : 1. - Not available .

- Notification of the Ministry of Natural Resources and Environment, dated November 7, B.E. 2548 (2005), which was published in the Royal Government Gazette, Vol. 122, Part 125D dated December 19, B.E. 2548 (2005) . (Category B)
- N.D. (Not Detectable) หมายถึง ตรวจไม่พบ

Scientist

Environmental Laboratory Section Manager

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## ANALYSIS REPORT

|                          |                                                                                   |               |                        |
|--------------------------|-----------------------------------------------------------------------------------|---------------|------------------------|
| CUSTOMER NAME            | : แอทินี เรสซิเดนซ์                                                               | REPORT NO.    | : RN231291864          |
| ADDRESS                  | : ซอยร่วมฤดี แขวงลุมพินี เขตปทุมวัน กทม. 10330                                    | SOURCE        | : WASTEWATER           |
| SAMPLING LOCATION        | : ก่อนปล่อยสู่สาธารณะ (ทิศใต้)                                                    | RECEIVED DATE | : DECEMBER 18, 2023    |
| SAMPLING METHOD          | : GRAB                                                                            | DATE          | : DECEMBER 18-28, 2023 |
| SAMPLING CONDITION       | : NORMAL                                                                          | REPORT DATE   | : DECEMBER 28, 2023    |
| CHARACTERISTICS OF WATER | : เหลืองขุ่น มีตะกอน มีกลิ่น                                                      |               |                        |
| SAMPLING DATE            | : DECEMBER 18, 2023                                                               |               |                        |
| SAMPLING TIME            | : 12:00                                                                           |               |                        |
| SAMPLING BY              |  |               |                        |

| PARAMETER                   | UNIT | METHODS OF ANALYSIS                                  | RESULT | MDL | STANDARD* |
|-----------------------------|------|------------------------------------------------------|--------|-----|-----------|
| pH                          | -    | Electrometric (SM: 4500-H <sup>+</sup> B.)           | 7.4    | -   | 5-9       |
| Biochemical Oxygen Demand   | mg/l | Membrane Electrode (SM: 4500-O G, 5210 B.)           | 9.8    | -   | ≤30       |
| Total Dissolved Solids      | mg/l | Total Dissolved Solids Dried at 180 °C (SM: 2540 C.) | 384.0  | -   | ≤500      |
| Suspended Solids            | mg/l | Suspended Solids Dried at 103-105 °C (SM: 2540 D.)   | 12.0   | -   | ≤40       |
| Settleable Solids           | ml/l | Settleable Solids (SM: 2540 F.)                      | <0.1   | -   | ≤0.5      |
| Sulfide as H <sub>2</sub> S | mg/l | Iodometric (SM: 4500-S <sup>2-</sup> F.)             | <1.0   | -   | ≤1.0      |
| Total Kjeldahl Nitrogen     | mg/l | Macro Kjeldahl (SM: 4500-N <sub>org</sub> B)         | 4.3    | -   | ≤35       |
| Grease & Oil                | mg/l | Liquid-Liquid Partition-Gravimetric (SM: 5520 B.)    | N.D.   | 1.4 | ≤20       |

SM : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23<sup>rd</sup> ED.,2017 (AWWA,APHA, WEF)

Remark : 1. - Not available .

- Notification of the Ministry of Natural Resources and Environment, dated November 7, B.E. 2548 (2005), which was published in the Royal Government Gazette, Vol. 122, Part 125D dated December 19, B.E. 2548 (2005) . (Category B)
- N.D. (Not Detectable) หมายถึง ตรวจไม่พบ

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## ANALYSIS REPORT

CUSTOMER NAME : แอทธิณี เรสซิเดนซ์  
ADDRESS : ซอยร่วมฤดี แขวงลุมพินี เขตปทุมวัน กทม. 10330  
SAMPLING LOCATION : น้ำประปา  
SAMPLING METHOD : GRAB  
SAMPLING CONDITION : NORMAL  
CHARACTERISTICS OF WATER : ใส่ไม่มีตะกอน  
SAMPLING DATE : DECEMBER 18, 2023  
SAMPLING TIME : 12:00  
SAMPLING BY :   
REPORT NO. : RN231291865  
SOURCE : WATER SUPPLY  
RECEIVED DATE : DECEMBER 18, 2023  
DATE : DECEMBER 18-28, 2023  
REPORT DATE : DECEMBER 28, 2023

| PARAMETER              | UNIT | METHODS OF ANALYSIS                                  | RESULT | MDL | STANDARD |
|------------------------|------|------------------------------------------------------|--------|-----|----------|
| Total Dissolved Solids | mg/l | Total Dissolved Solids Dried at 180 °C (SM: 2540 C.) | 185.0  | -   | <1000    |

SM : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23<sup>rd</sup> ED.,2017 (AWWA,APHA, WEF)

Remark : 1. - Not available .

2. ค่ามาตรฐานคุณภาพน้ำประปาของการประปานครหลวง (ตามข้อเสนอแนะขององค์การอนามัยโลก ปี 2011)

Scientist

Environmental Laboratory Section Manager

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