



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2227597**

Date Received : Apr 09, 2022

Date Reported : Apr 12, 2022

Report Number : 2246823-2

Page 1 of 1

<b>Sample Number</b>	2227597-1
<b>Sampled Date</b>	Apr 09, 2022 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 09, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.8	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Paramet Sattayakun

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2227598**

Date Received : Apr 10, 2022

Date Reported : Apr 18, 2022

Report Number : 2246828-1

Page 1 of 1

<b>Sample Number</b>	2227598-1
<b>Sampled Date</b>	Apr 10, 2022 8:55 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดรงจวดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 10, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.8	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.1	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Paramet Sattayakun

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2227598**

Date Received : Apr 10, 2022

Date Reported : Apr 18, 2022

Report Number : 2246828-2

Page 1 of 1

<b>Sample Number</b>	2227598-1
<b>Sampled Date</b>	Apr 10, 2022 8:55 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 12, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.8	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Paramet Sattayakun

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2227599**

Date Received : Apr 11, 2022

Date Reported : Apr 18, 2022

Report Number : 2246834-1

**Client :** Global Power Synergy Public Company Limited

92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

Page 1 of 1

<b>Sample Number</b>	2227599-1
<b>Sampled Date</b>	Apr 11, 2022 9:35 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดรงจวดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 11, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	8.0	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	35.0	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Pathompong Kornawat

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER





## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2227599**

Date Received : Apr 11, 2022

Date Reported : Apr 18, 2022

Report Number : 2246834-2

Page 1 of 1

<b>Sample Number</b>	2227599-1
<b>Sampled Date</b>	Apr 11, 2022 9:35 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 12, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.0	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Pathompong Kornawat

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2227600**

Date Received : Apr 12, 2022

Date Reported : Apr 19, 2022

Report Number : 2246837-1

Page 1 of 1

<b>Sample Number</b>	2227600-1
<b>Sampled Date</b>	Apr 12, 2022 9:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดรงจวดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 12, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.8	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.9	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Pathompong Kornawat

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2227600**

Date Received : Apr 12, 2022

Date Reported : Apr 19, 2022

Report Number : 2246837-2

Page 1 of 1

<b>Sample Number</b>	2227600-1
<b>Sampled Date</b>	Apr 12, 2022 9:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 18, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.8	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Pathompong Kornawat

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2227601**

Date Received : Apr 13, 2022

Date Reported : Apr 19, 2022

Report Number : 2246840-1

Page 1 of 1

<b>Sample Number</b>	2227601-1
<b>Sampled Date</b>	Apr 13, 2022 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดรงจวดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 13, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.9	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.4	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Pathompong Kornawat

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2227601**

Date Received : Apr 13, 2022

Date Reported : Apr 19, 2022

Report Number : 2246840-2

Page 1 of 1

<b>Sample Number</b>	2227601-1
<b>Sampled Date</b>	Apr 13, 2022 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 18, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.0	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Pathompong Kornawat

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**TESTING**

**No.0042**

**Lot ID: 2227602**

Date Received : Apr 14, 2022

Date Reported : Apr 19, 2022

Report Number : 2246845-1

Page 1 of 1

<b>Sample Number</b>	2227602-1
<b>Sampled Date</b>	Apr 14, 2022 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดรงจวดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 14, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.8	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.9	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Pathompong Kornawat

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.

**Technical Management**

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

**Approved by**

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2227602**

Date Received : Apr 14, 2022

Date Reported : Apr 19, 2022

Report Number : 2246845-2

Page 1 of 1

<b>Sample Number</b>	2227602-1
<b>Sampled Date</b>	Apr 14, 2022 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 18, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.7	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Pathompong Kornawat

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER





## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2227603**

Date Received : Apr 15, 2022

Date Reported : Apr 20, 2022

Report Number : 2246848-1

Page 1 of 1

<b>Sample Number</b>	2227603-1
<b>Sampled Date</b>	Apr 15, 2022 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 15, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.9	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.9	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Pathompong Kornawat

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2227603**

Date Received : Apr 15, 2022

Date Reported : Apr 20, 2022

Report Number : 2246848-2

Page 1 of 1

<b>Sample Number</b>	2227603-1
<b>Sampled Date</b>	Apr 15, 2022 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 18, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.1	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Pathompong Kornawat

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2227604**

Date Received : Apr 16, 2022

Date Reported : Apr 20, 2022

Report Number : 2246853-1

Page 1 of 1

<b>Sample Number</b>	2227604-1
<b>Sampled Date</b>	Apr 16, 2022 9:05 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดรงจวดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 16, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.5	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.7	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Pathompong Kornawat

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2227604**

Date Received : Apr 16, 2022

Date Reported : Apr 20, 2022

Report Number : 2246853-2

Page 1 of 1

<b>Sample Number</b>	2227604-1
<b>Sampled Date</b>	Apr 16, 2022 9:05 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 18, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.5	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Pathompong Kornawat

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2227605**

Date Received : Apr 17, 2022

Date Reported : Apr 20, 2022

Report Number : 2246862-1

**Client :** Global Power Synergy Public Company Limited

92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

Page 1 of 1

<b>Sample Number</b>	2227605-1
<b>Sampled Date</b>	Apr 17, 2022 9:05 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดรงจวดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 17, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	8.0	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	35.2	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Pathompong Kornawat

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2227605**

Date Received : Apr 17, 2022

Date Reported : Apr 20, 2022

Report Number : 2246862-2

Page 1 of 1

<b>Sample Number</b>	2227605-1
<b>Sampled Date</b>	Apr 17, 2022 9:05 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 18, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.5	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Pathompong Kornawat

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2227606**

Date Received : Apr 18, 2022

Date Reported : Apr 21, 2022

Report Number : 2246865-1

Page 1 of 1

<b>Sample Number</b>	2227606-1
<b>Sampled Date</b>	Apr 18, 2022 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดรงจวดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 18, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	8.2	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	35.8	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Chainusorn Lertnanthakunchai

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER





## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2227606**

Date Received : Apr 18, 2022

Date Reported : Apr 21, 2022

Report Number : 2246865-2

Page 1 of 1

<b>Sample Number</b>	2227606-1
<b>Sampled Date</b>	Apr 18, 2022 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 20, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.2	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Chainusorn Lertnanthakunchai

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2227607**

Date Received : Apr 19, 2022

Date Reported : Apr 22, 2022

Report Number : 2246871-1

**Client :** Global Power Synergy Public Company Limited

92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

Page 1 of 1

<b>Sample Number</b>	2227607-1
<b>Sampled Date</b>	Apr 19, 2022 9:35 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 19, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.9	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	33.7	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Pathompong Kornawat

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2227607**

Date Received : Apr 19, 2022

Date Reported : Apr 22, 2022

Report Number : 2246871-2

Page 1 of 1

<b>Sample Number</b>	2227607-1
<b>Sampled Date</b>	Apr 19, 2022 9:35 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 20, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.6	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Pathompong Kornawat

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2227608**

Date Received : Apr 20, 2022

Date Reported : Apr 22, 2022

Report Number : 2246879-1

Page 1 of 1

<b>Sample Number</b>	2227608-1
<b>Sampled Date</b>	Apr 20, 2022 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 20, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.6	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	35.1	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Paramet Sattayakun

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2227608**

Date Received : Apr 20, 2022

Date Reported : Apr 22, 2022

Report Number : 2246879-2

Page 1 of 1

<b>Sample Number</b>	2227608-1
<b>Sampled Date</b>	Apr 20, 2022 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 21, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.2	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Paramet Sattayakun

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2227609**

Date Received : Apr 21, 2022

Date Reported : Apr 23, 2022

Report Number : 2293543-1

**Client :** Global Power Synergy Public Company Limited

92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

Page 1 of 1

<b>Sample Number</b>	2227609-1
<b>Sampled Date</b>	Apr 21, 2022 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 21, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.8	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.6	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Wanlop Hunchainaow

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2227609**

Date Received : Apr 21, 2022

Date Reported : Apr 23, 2022

Report Number : 2293543-2

Page 1 of 1

<b>Sample Number</b>	2227609-1
<b>Sampled Date</b>	Apr 21, 2022 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 22, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.1	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Wanlop Hunchainaow

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER





## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2227611**

Date Received : Apr 22, 2022

Date Reported : Apr 26, 2022

Report Number : 2246888-1

Page 1 of 1

<b>Sample Number</b>	2227611-1
<b>Sampled Date</b>	Apr 22, 2022 9:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 22, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.8	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.5	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Pathompong Kornawat

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2227611**

Date Received : Apr 22, 2022

Date Reported : Apr 26, 2022

Report Number : 2246888-2

Page 1 of 1

<b>Sample Number</b>	2227611-1
<b>Sampled Date</b>	Apr 22, 2022 9:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 25, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.4	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Pathompong Kornawat

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2227612**

Date Received : Apr 23, 2022

Date Reported : Apr 26, 2022

Report Number : 2246890-1

**Client :** Global Power Synergy Public Company Limited

92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

Page 1 of 1

<b>Sample Number</b>	2227612-1
<b>Sampled Date</b>	Apr 23, 2022 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดรงจวดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 23, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.8	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	33.7	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Wanlop Hunchainaow

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2227612**

Date Received : Apr 23, 2022

Date Reported : Apr 26, 2022

Report Number : 2246890-2

Page 1 of 1

<b>Sample Number</b>	2227612-1
<b>Sampled Date</b>	Apr 23, 2022 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 25, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.8	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Wanlop Hunchainaow

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2227613**

Date Received : Apr 24, 2022

Date Reported : Apr 26, 2022

Report Number : 2246895-1

Page 1 of 1

<b>Sample Number</b>	2227613-1
<b>Sampled Date</b>	Apr 24, 2022 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดรงจวดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 24, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.8	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	33.5	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Wanlop Hunchainaow

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2227613**

Date Received : Apr 24, 2022

Date Reported : Apr 26, 2022

Report Number : 2246895-2

Page 1 of 1

<b>Sample Number</b>	2227613-1
<b>Sampled Date</b>	Apr 24, 2022 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 25, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.3	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Wanlop Hunchainaow

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2227614**

Date Received : Apr 25, 2022

Date Reported : Apr 28, 2022

Report Number : 2246900-1

Page 1 of 1

<b>Sample Number</b>	2227614-1
<b>Sampled Date</b>	Apr 25, 2022 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 25, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.9	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.0	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Wanlop Hunchainaow

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER





## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2227614**

Date Received : Apr 25, 2022

Date Reported : Apr 28, 2022

Report Number : 2246900-2

Page 1 of 1

<b>Sample Number</b>	2227614-1
<b>Sampled Date</b>	Apr 25, 2022 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 26, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.7	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Wanlop Hunchainaow

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2227615**

Date Received : Apr 26, 2022

Date Reported : Apr 29, 2022

Report Number : 2246905-1

Page 1 of 1

<b>Sample Number</b>	2227615-1
<b>Sampled Date</b>	Apr 26, 2022 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 26, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	8.0	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.7	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Tanasit Wongsachai

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2227615**

Date Received : Apr 26, 2022

Date Reported : Apr 29, 2022

Report Number : 2246905-2

Page 1 of 1

<b>Sample Number</b>	2227615-1
<b>Sampled Date</b>	Apr 26, 2022 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 27, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	8.4	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Tanasit Wongsachai

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2227616**

Date Received : Apr 27, 2022

Date Reported : Apr 29, 2022

Report Number : 2246911-1

Page 1 of 1

<b>Sample Number</b>	2227616-1
<b>Sampled Date</b>	Apr 27, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดรงจวดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 27, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.7	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	35.1	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Wanlop Hunchainaow

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon  
Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2227616**

Date Received : Apr 27, 2022

Date Reported : Apr 29, 2022

Report Number : 2246911-2

Page 1 of 1

<b>Sample Number</b>	2227616-1
<b>Sampled Date</b>	Apr 27, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 28, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.3	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Wanlop Hunchainaow

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2227617**

Date Received : Apr 28, 2022

Date Reported : May 03, 2022

Report Number : 2246917-1

Page 1 of 1

<b>Sample Number</b>	2227617-1
<b>Sampled Date</b>	Apr 28, 2022 9:35 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดรงจวดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 28, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.9	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	35.9	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Pathompong Kornawat

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2227617**

Date Received : Apr 28, 2022

Date Reported : May 03, 2022

Report Number : 2246917-2

Page 1 of 1

<b>Sample Number</b>	2227617-1
<b>Sampled Date</b>	Apr 28, 2022 9:35 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 29, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.4	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Pathompong Kornawat

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER





## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2227618**

Date Received : Apr 29, 2022

Date Reported : May 04, 2022

Report Number : 2246921-1

Page 1 of 1

<b>Sample Number</b>	2227618-1
<b>Sampled Date</b>	Apr 29, 2022 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 29, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.7	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	33.9	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Paramet Sattayakun

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2227618**

Date Received : Apr 29, 2022

Date Reported : May 04, 2022

Report Number : 2246921-2

Page 1 of 1

<b>Sample Number</b>	2227618-1
<b>Sampled Date</b>	Apr 29, 2022 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 03, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.1	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Paramet Sattayakun

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2227619**

Date Received : Apr 30, 2022

Date Reported : May 04, 2022

Report Number : 2246933-1

**Client :** Global Power Synergy Public Company Limited

92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

Page 1 of 1

<b>Sample Number</b>	2227619-1
<b>Sampled Date</b>	Apr 30, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 30, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.6	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	33.0	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Paramet Sattayakun

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2227619**

Date Received : Apr 30, 2022

Date Reported : May 04, 2022

Report Number : 2246933-2

Page 1 of 1

<b>Sample Number</b>	2227619-1
<b>Sampled Date</b>	Apr 30, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 03, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.2	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Paramet Sattayakun

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**TESTING**

**No.0042**

**Lot ID: 2242550**

Date Received : May 10, 2022

Date Reported : May 16, 2022

Report Number : 2279673-1

Page 1 of 1

<b>Sample Number</b>	2242550-1
<b>Sampled Date</b>	May 10, 2022 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 10, 2022
<b>Condition of Sample</b>	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 Degree C)	mg/L	-	2	<2	≤20	APHA (2017), 5210 B	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Based on APHA (2017), 5520 B	Rayong
Residual Free Chlorine *	mg/L	-	0.1	0.2	≤1.0	Based on APHA (2017), 4500-Cl(F)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	600	≤3000	APHA (2017), 2540 C	Rayong

**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).

**Sampled By :** Chainusorn Lertnanthakunchai

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.

**Technical Management**

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

**Approved by**

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2242490**

Date Received : May 01, 2022

Date Reported : May 05, 2022

Report Number : 2279525-1

**Client :** Global Power Synergy Public Company Limited

92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

Page 1 of 1

<b>Sample Number</b>	2242490-1
<b>Sampled Date</b>	May 01, 2022 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดรงจวดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 01, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.6	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	32.8	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Paramet Sattayakun

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242490**

Date Received : May 01, 2022

Date Reported : May 05, 2022

Report Number : 2279525-2

Page 1 of 1

<b>Sample Number</b>	2242490-1
<b>Sampled Date</b>	May 01, 2022 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 03, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.9	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Paramet Sattayakun

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER





## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2242491**

Date Received : May 02, 2022

Date Reported : May 05, 2022

Report Number : 2279534-1

**Client :** Global Power Synergy Public Company Limited

92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

Page 1 of 1

<b>Sample Number</b>	2242491-1
<b>Sampled Date</b>	May 02, 2022 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 02, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.6	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	32.3	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Paramet Sattayakun

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242491**

Date Received : May 02, 2022

Date Reported : May 05, 2022

Report Number : 2279534-2

Page 1 of 1

<b>Sample Number</b>	2242491-1
<b>Sampled Date</b>	May 02, 2022 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 03, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.9	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Paramet Sattayakun

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2242492**

Date Received : May 03, 2022

Date Reported : May 05, 2022

Report Number : 2279538-1

**Client :** Global Power Synergy Public Company Limited

92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

Page 1 of 1

<b>Sample Number</b>	2242492-1
<b>Sampled Date</b>	May 03, 2022 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 03, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.8	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	32.0	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Wanlop Hunchainaow

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242492**

Date Received : May 03, 2022

Date Reported : May 05, 2022

Report Number : 2279538-2

Page 1 of 1

<b>Sample Number</b>	2242492-1
<b>Sampled Date</b>	May 03, 2022 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 04, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	8.3	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Wanlop Hunchainaow

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2242494**

Date Received : May 04, 2022

Date Reported : May 07, 2022

Report Number : 2279548-1

**Client :** Global Power Synergy Public Company Limited

92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

Page 1 of 1

<b>Sample Number</b>	2242494-1
<b>Sampled Date</b>	May 04, 2022 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 04, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.5	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	32.0	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Pathompong Kornawat

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242494**

Date Received : May 04, 2022

Date Reported : May 07, 2022

Report Number : 2279548-2

Page 1 of 1

<b>Sample Number</b>	2242494-1
<b>Sampled Date</b>	May 04, 2022 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 06, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.5	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Pathompong Kornawat

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2242495**

Date Received : May 05, 2022

Date Reported : May 09, 2022

Report Number : 2279557-1

**Client :** Global Power Synergy Public Company Limited

92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

Page 1 of 1

<b>Sample Number</b>	2242495-1
<b>Sampled Date</b>	May 05, 2022 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดรงจวดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 05, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	8.0	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	31.5	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Wanlop Hunchainaow

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER





## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242495**

Date Received : May 05, 2022

Date Reported : May 09, 2022

Report Number : 2279557-2

Page 1 of 1

<b>Sample Number</b>	2242495-1
<b>Sampled Date</b>	May 05, 2022 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 06, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	8.5	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Wanlop Hunchainaow

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**TESTING**

**No.0042**

**Lot ID: 2242496**

Date Received : May 06, 2022

Date Reported : May 10, 2022

Report Number : 2279566-1

Page 1 of 1

<b>Sample Number</b>	2242496-1
<b>Sampled Date</b>	May 06, 2022 9:40 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 07, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.7	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	35.0	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Narunat thammassaro

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.

**Technical Management**

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

**Approved by**

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242496**

Date Received : May 06, 2022

Date Reported : May 10, 2022

Report Number : 2279566-2

Page 1 of 1

<b>Sample Number</b>	2242496-1
<b>Sampled Date</b>	May 06, 2022 9:40 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 09, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.3	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Narunat thammassaro

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2242497**

Date Received : May 07, 2022

Date Reported : May 10, 2022

Report Number : 2279574-1

Page 1 of 1

<b>Sample Number</b>	2242497-1
<b>Sampled Date</b>	May 07, 2022 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดรงจวดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 07, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.9	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.0	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Paramet Sattayakun

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.

Technical Management

*N. Banongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242497**

Date Received : May 07, 2022

Date Reported : May 10, 2022

Report Number : 2279574-2

Page 1 of 1

<b>Sample Number</b>	2242497-1
<b>Sampled Date</b>	May 07, 2022 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 09, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.9	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Paramet Sattayakun

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2242498**

Date Received : May 08, 2022

Date Reported : May 11, 2022

Report Number : 2279581-1

**Client :** Global Power Synergy Public Company Limited

92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

Page 1 of 1

<b>Sample Number</b>	2242498-1
<b>Sampled Date</b>	May 08, 2022 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 08, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.7	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	33.1	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Paramet Sattayakun

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242498**

Date Received : May 08, 2022

Date Reported : May 11, 2022

Report Number : 2279581-2

Page 1 of 1

<b>Sample Number</b>	2242498-1
<b>Sampled Date</b>	May 08, 2022 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 09, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.0	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Paramet Sattayakun

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER





## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2242499**

Date Received : May 09, 2022

Date Reported : May 12, 2022

Report Number : 2279588-1

Page 1 of 1

<b>Sample Number</b>	2242499-1
<b>Sampled Date</b>	May 09, 2022 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดรงจวดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 09, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	8.0	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.0	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Paramet Sattayakun

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon  
Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242499**

Date Received : May 09, 2022

Date Reported : May 12, 2022

Report Number : 2279588-2

Page 1 of 1

<b>Sample Number</b>	2242499-1
<b>Sampled Date</b>	May 09, 2022 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 11, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.5	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Paramet Sattayakun

Remark :

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

Approved by

Narumon Banchongkit  
Supervisor

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**TESTING**

**No.0042**

**Lot ID: 2242500**

Date Received : May 10, 2022

Date Reported : May 13, 2022

Report Number : 2279601-1

Page 1 of 1

<b>Sample Number</b>	2242500-1
<b>Sampled Date</b>	May 10, 2022 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดรงจวดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 10, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	8.3	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.2	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Chainusorn Lertnanthakunchai

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.

**Technical Management**

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

**Approved by**

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242500**

Date Received : May 10, 2022

Date Reported : May 13, 2022

Report Number : 2279601-2

Page 1 of 1

<b>Sample Number</b>	2242500-1
<b>Sampled Date</b>	May 10, 2022 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 11, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	8.7	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Chainusorn Lertnanthakunchai

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2242501**

Date Received : May 11, 2022

Date Reported : May 13, 2022

Report Number : 2279608-1

**Client :** Global Power Synergy Public Company Limited

92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

Page 1 of 1

<b>Sample Number</b>	2242501-1
<b>Sampled Date</b>	May 11, 2022 9:35 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 11, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.6	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	33.4	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Wanlop Hunchainaow

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.

Technical Management

*N. Banongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242501**

Date Received : May 11, 2022

Date Reported : May 13, 2022

Report Number : 2279608-2

Page 1 of 1

<b>Sample Number</b>	2242501-1
<b>Sampled Date</b>	May 11, 2022 9:35 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 12, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.4	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Wanlop Hunchainaow

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2242502**

Date Received : May 12, 2022

Date Reported : May 14, 2022

Report Number : 2279611-1

**Client :** Global Power Synergy Public Company Limited

92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

Page 1 of 1

<b>Sample Number</b>	2242502-1
<b>Sampled Date</b>	May 12, 2022 9:32 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดรงจวดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 12, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.8	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.6	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Pathompong Kornawat

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER





## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242502**

Date Received : May 12, 2022

Date Reported : May 14, 2022

Report Number : 2279611-2

Page 1 of 1

<b>Sample Number</b>	2242502-1
<b>Sampled Date</b>	May 12, 2022 9:32 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 13, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.9	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Pathompong Kornawat

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2242503**

Date Received : May 13, 2022

Date Reported : May 18, 2022

Report Number : 2279620-1

Page 1 of 1

<b>Sample Number</b>	2242503-1
<b>Sampled Date</b>	May 13, 2022 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 13, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.8	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.7	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Wanlop Hunchainaow

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.

Technical Management

*N. Banongkit*

Narumon Banchongkit  
Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon  
Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242503**

Date Received : May 13, 2022

Date Reported : May 18, 2022

Report Number : 2279620-2

Page 1 of 1

<b>Sample Number</b>	2242503-1
<b>Sampled Date</b>	May 13, 2022 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 17, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.2	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Wanlop Hunchainaow

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2242504**

Date Received : May 14, 2022

Date Reported : May 19, 2022

Report Number : 2279623-1

**Client :** Global Power Synergy Public Company Limited

92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

Page 1 of 1

<b>Sample Number</b>	2242504-1
<b>Sampled Date</b>	May 14, 2022 8:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 14, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.6	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.1	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Tanasit Wongsachai

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242504**

Date Received : May 14, 2022

Date Reported : May 19, 2022

Report Number : 2279623-2

Page 1 of 1

<b>Sample Number</b>	2242504-1
<b>Sampled Date</b>	May 14, 2022 8:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 18, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.1	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Tanasit Wongsachai

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2242505**

Date Received : May 15, 2022

Date Reported : May 19, 2022

Report Number : 2279628-1

Page 1 of 1

<b>Sample Number</b>	2242505-1
<b>Sampled Date</b>	May 15, 2022 8:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 15, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.7	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.2	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Tanasit Wongsachai

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242505**

Date Received : May 15, 2022

Date Reported : May 19, 2022

Report Number : 2279628-2

Page 1 of 1

<b>Sample Number</b>	2242505-1
<b>Sampled Date</b>	May 15, 2022 8:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 18, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.1	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Tanasit Wongsachai

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER





## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2242506**

Date Received : May 16, 2022

Date Reported : May 19, 2022

Report Number : 2279631-1

**Client :** Global Power Synergy Public Company Limited

92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

Page 1 of 1

<b>Sample Number</b>	2242506-1
<b>Sampled Date</b>	May 16, 2022 8:45 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 16, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.4	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.3	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Tanasit Wongsachai

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242506**

Date Received : May 16, 2022

Date Reported : May 19, 2022

Report Number : 2279631-2

Page 1 of 1

<b>Sample Number</b>	2242506-1
<b>Sampled Date</b>	May 16, 2022 8:45 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 18, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.5	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Tanasit Wongsachai

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2242507**

Date Received : May 17, 2022

Date Reported : May 19, 2022

Report Number : 2279636-1

**Client :** Global Power Synergy Public Company Limited

92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

Page 1 of 1

<b>Sample Number</b>	2242507-1
<b>Sampled Date</b>	May 17, 2022 10:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 17, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	8.0	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	33.4	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Pathompong Kornawat

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242507**

Date Received : May 17, 2022

Date Reported : May 19, 2022

Report Number : 2279636-2

Page 1 of 1

<b>Sample Number</b>	2242507-1
<b>Sampled Date</b>	May 17, 2022 10:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 18, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.8	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Pathompong Kornawat

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**TESTING**

**No.0042**

**Lot ID: 2242508**

Date Received : May 18, 2022

Date Reported : May 21, 2022

Report Number : 2279640-1

Page 1 of 1

<b>Sample Number</b>	2242508-1
<b>Sampled Date</b>	May 18, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 18, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.9	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	33.9	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Pathompong Kornawat

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.

**Technical Management**

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

**Approved by**

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242508**

Date Received : May 18, 2022

Date Reported : May 21, 2022

Report Number : 2279640-2

Page 1 of 1

<b>Sample Number</b>	2242508-1
<b>Sampled Date</b>	May 18, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 19, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.4	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Pathompong Kornawat

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2242509**

Date Received : May 19, 2022

Date Reported : May 23, 2022

Report Number : 2279641-1

Page 1 of 1

<b>Sample Number</b>	2242509-1
<b>Sampled Date</b>	May 19, 2022 10:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 19, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	8.0	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	32.9	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Chainusorn Lertnanthakunchai

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.

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER





## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242509**

Date Received : May 19, 2022

Date Reported : May 23, 2022

Report Number : 2279641-2

Page 1 of 1

<b>Sample Number</b>	2242509-1
<b>Sampled Date</b>	May 19, 2022 10:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 23, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	8.3	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Chainusorn Lertnanthakunchai

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**TESTING**

**No.0042**

**Lot ID: 2242510**

Date Received : May 20, 2022

Date Reported : May 24, 2022

Report Number : 2279645-1

Page 1 of 1

<b>Sample Number</b>	2242510-1
<b>Sampled Date</b>	May 20, 2022 9:05 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 20, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	8.0	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	32.9	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Pathompong Kornawat

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

**Technical Management**

*N. Banongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

**Approved by**

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242510**

Date Received : May 20, 2022

Date Reported : May 24, 2022

Report Number : 2279645-2

Page 1 of 1

<b>Sample Number</b>	2242510-1
<b>Sampled Date</b>	May 20, 2022 9:05 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 23, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.1	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Pathompong Kornawat

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**TESTING**

**No.0042**

**Lot ID: 2242511**

Date Received : May 21, 2022

Date Reported : May 25, 2022

Report Number : 2279648-1

Page 1 of 1

<b>Sample Number</b>	2242511-1
<b>Sampled Date</b>	May 21, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 21, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	8.0	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	33.1	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Wanlop Hunchainaow

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

Approved by

*N. Banngmit*

Narumon Banchongkit  
Supervisor

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242511**

Date Received : May 21, 2022

Date Reported : May 25, 2022

Report Number : 2279648-2

Page 1 of 1

<b>Sample Number</b>	2242511-1
<b>Sampled Date</b>	May 21, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 24, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.5	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Wanlop Hunchainaow

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2242512**

Date Received : May 23, 2022

Date Reported : May 25, 2022

Report Number : 2279649-1

**Client :** Global Power Synergy Public Company Limited

92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

Page 1 of 1

<b>Sample Number</b>	2242512-1
<b>Sampled Date</b>	May 22, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 22, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.9	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	32.8	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Wanlop Hunchainaow

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

Technical Management

*N. Banongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242512**

Date Received : May 23, 2022

Date Reported : May 25, 2022

Report Number : 2279649-2

Page 1 of 1

<b>Sample Number</b>	2242512-1
<b>Sampled Date</b>	May 22, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 24, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.5	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Wanlop Hunchainaow

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER





## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2242513**

Date Received : May 23, 2022

Date Reported : May 25, 2022

Report Number : 2279651-1

Page 1 of 1

<b>Sample Number</b>	2242513-1
<b>Sampled Date</b>	May 23, 2022 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 23, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	8.0	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	33.5	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Paramet Sattayakun

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

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242513**

Date Received : May 23, 2022

Date Reported : May 25, 2022

Report Number : 2279651-2

Page 1 of 1

<b>Sample Number</b>	2242513-1
<b>Sampled Date</b>	May 23, 2022 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 24, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.9	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Paramet Sattayakun

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2242514**

Date Received : May 24, 2022

Date Reported : May 27, 2022

Report Number : 2279654-1

Page 1 of 1

<b>Sample Number</b>	2242514-1
<b>Sampled Date</b>	May 24, 2022 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 24, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	8.0	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.3	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Wanlop Hunchainaow

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

Technical Management

*N. Banongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242514**

Date Received : May 24, 2022

Date Reported : May 27, 2022

Report Number : 2279654-2

Page 1 of 1

<b>Sample Number</b>	2242514-1
<b>Sampled Date</b>	May 24, 2022 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 26, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.0	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Wanlop Hunchainaow

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**TESTING**

**No.0042**

**Lot ID: 2242515**

Date Received : May 25, 2022

Date Reported : May 27, 2022

Report Number : 2279658-1

Page 1 of 1

<b>Sample Number</b>	2242515-1
<b>Sampled Date</b>	May 25, 2022 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 25, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	8.1	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.4	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Chainusorn Lertnanthakunchai

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

*N. Banngmit*

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242515**

Date Received : May 25, 2022

Date Reported : May 27, 2022

Report Number : 2279658-2

Page 1 of 1

<b>Sample Number</b>	2242515-1
<b>Sampled Date</b>	May 25, 2022 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 26, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.2	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Chainusorn Lertnanthakunchai

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**TESTING**

**No.0042**

**Lot ID: 2242516**

Date Received : May 26, 2022

Date Reported : May 28, 2022

Report Number : 2279662-1

Page 1 of 1

<b>Sample Number</b>	2242516-1
<b>Sampled Date</b>	May 26, 2022 9:12 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 26, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	8.1	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	33.4	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Tanasit Wongsachai

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

**Technical Management**

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

**Approved by**

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER





## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242516**

Date Received : May 26, 2022

Date Reported : May 28, 2022

Report Number : 2279662-2

Page 1 of 1

<b>Sample Number</b>	2242516-1
<b>Sampled Date</b>	May 26, 2022 9:12 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 27, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.1	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Tanasit Wongsachai

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2242517**

Date Received : May 27, 2022

Date Reported : May 31, 2022

Report Number : 2279663-1

**Client :** Global Power Synergy Public Company Limited

92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

Page 1 of 1

<b>Sample Number</b>	2242517-1
<b>Sampled Date</b>	May 27, 2022 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 27, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	8.0	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	33.4	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Wanlop Hunchainaow

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

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242517**

Date Received : May 27, 2022

Date Reported : May 31, 2022

Report Number : 2279663-2

Page 1 of 1

<b>Sample Number</b>	2242517-1
<b>Sampled Date</b>	May 27, 2022 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 30, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.1	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Wanlop Hunchainaow

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**TESTING**

**No.0042**

**Lot ID: 2242518**

Date Received : May 29, 2022

Date Reported : May 31, 2022

Report Number : 2279664-1

Page 1 of 1

<b>Sample Number</b>	2242518-1
<b>Sampled Date</b>	May 29, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 29, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	8.0	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.1	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

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

**Technical Management**

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

**Approved by**

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2242518**

Date Received : May 29, 2022

Date Reported : May 31, 2022

Report Number : 2279664-2

Page 1 of 1

<b>Sample Number</b>	2242518-1
<b>Sampled Date</b>	May 29, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 30, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	8.3	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2242519**

Date Received : May 28, 2022

Date Reported : May 31, 2022

Report Number : 2279666-1

**Client :** Global Power Synergy Public Company Limited

92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

Page 1 of 1

<b>Sample Number</b>	2242519-1
<b>Sampled Date</b>	May 28, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 28, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.8	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	33.6	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Chainusorn Lertnanthakunchai

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

Technical Management

*Thanita K.*

Thanita Kulsuriwong

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9447

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242519**

Date Received : May 28, 2022

Date Reported : May 31, 2022

Report Number : 2279666-2

Page 1 of 1

<b>Sample Number</b>	2242519-1
<b>Sampled Date</b>	May 28, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 30, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.8	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Chainusorn Lertnanthakunchai

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER





## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**TESTING**

**No.0042**

**Lot ID: 2242520**

Date Received : May 30, 2022

Date Reported : Jun 03, 2022

Report Number : 2279667-1

Page 1 of 1

<b>Sample Number</b>	2242520-1
<b>Sampled Date</b>	May 30, 2022 9:35 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 30, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	8.0	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	33.6	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Pathompong Kornawat

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

**Technical Management**

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

**Approved by**

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242520**

Date Received : May 30, 2022

Date Reported : Jun 03, 2022

Report Number : 2279667-2

Page 1 of 1

<b>Sample Number</b>	2242520-1
<b>Sampled Date</b>	May 30, 2022 9:35 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 01, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.2	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Pathompong Kornawat

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**TESTING**

**No.0042**

**Lot ID: 2242521**

Date Received : May 31, 2022

Date Reported : Jun 03, 2022

Report Number : 2279670-1

Page 1 of 1

<b>Sample Number</b>	2242521-1
<b>Sampled Date</b>	May 31, 2022 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 31, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	8.2	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.2	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Chainusorn Lertnanthakunchai

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

**Technical Management**

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

**Approved by**

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2242521**

Date Received : May 31, 2022

Date Reported : Jun 03, 2022

Report Number : 2279670-2

Page 1 of 1

<b>Sample Number</b>	2242521-1
<b>Sampled Date</b>	May 31, 2022 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 01, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.6	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Chainusorn Lertnanthakunchai

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**TESTING**

**No.0042**

**Lot ID: 2264793**

Date Received : Jun 14, 2022

Date Reported : Jun 21, 2022

Report Number : 2325654-1

Page 1 of 1

<b>Sample Number</b>	2264793-1
<b>Sampled Date</b>	Jun 14, 2022 9:25 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 14, 2022
<b>Condition of Sample</b>	Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 Degree C)	mg/L	-	2	<2	≤20	APHA (2017), 5210 B	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Based on APHA (2017), 5520 B	Rayong
Residual Free Chlorine *	mg/L	-	0.1	0.1	≤1.0	Based on APHA (2017), 4500-Cl(F)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	700	≤3000	APHA (2017), 2540 C	Rayong

**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).

**Sampled By :** Chainusorn Lertnanthakunchai

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

**Technical Management**

*N. Banongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

**Approved by**

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**TESTING**

**No.0042**

**Lot ID: 2264827**

Date Received : Jun 01, 2022

Date Reported : Jun 07, 2022

Report Number : 2325670-1

Page 1 of 1

<b>Sample Number</b>	2264827-1
<b>Sampled Date</b>	Jun 01, 2022 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 01, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	8.1	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	29.2	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Wanlop Hunchainaow

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

**Technical Management**

*N. Banongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

**Approved by**

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER





## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2264827**

Date Received : Jun 01, 2022

Date Reported : Jun 07, 2022

Report Number : 2325670-2

Page 1 of 1

<b>Sample Number</b>	2264827-1
<b>Sampled Date</b>	Jun 01, 2022 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 06, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.6	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Wanlop Hunchainaow

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER





## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2264798**

Date Received : Jun 02, 2022

Date Reported : Jun 07, 2022

Report Number : 2325667-1

**Client :** Global Power Synergy Public Company Limited

92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

Page 1 of 1

<b>Sample Number</b>	2264798-1
<b>Sampled Date</b>	Jun 02, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 02, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.7	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.9	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Chainusorn Lertnanthakunchai

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

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2264798**

Date Received : Jun 02, 2022

Date Reported : Jun 07, 2022

Report Number : 2325667-2

Page 1 of 1

<b>Sample Number</b>	2264798-1
<b>Sampled Date</b>	Jun 02, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 06, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.2	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Chainusorn Lertnanthakunchai

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2264799**

Date Received : Jun 03, 2022

Date Reported : Jun 08, 2022

Report Number : 2325671-1

**Client :** Global Power Synergy Public Company Limited

92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

Page 1 of 1

<b>Sample Number</b>	2264799-1
<b>Sampled Date</b>	Jun 03, 2022 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 03, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.9	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	33.7	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Pathompong Kornawat

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

Technical Management

*N. Banongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2264799**

Date Received : Jun 03, 2022

Date Reported : Jun 08, 2022

Report Number : 2325671-2

Page 1 of 1

<b>Sample Number</b>	2264799-1
<b>Sampled Date</b>	Jun 03, 2022 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 06, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.2	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Pathompong Kornawat

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2264800**

Date Received : Jun 04, 2022

Date Reported : Jun 08, 2022

Report Number : 2325675-1

Page 1 of 1

<b>Sample Number</b>	2264800-1
<b>Sampled Date</b>	Jun 04, 2022 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 04, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.8	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	33.3	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Pathompong Kornawat

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

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2264800**

Date Received : Jun 04, 2022

Date Reported : Jun 08, 2022

Report Number : 2325675-2

Page 1 of 1

<b>Sample Number</b>	2264800-1
<b>Sampled Date</b>	Jun 04, 2022 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 06, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	5.7	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Pathompong Kornawat

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2264801**

Date Received : Jun 05, 2022

Date Reported : Jun 09, 2022

Report Number : 2325676-1

Page 1 of 1

<b>Sample Number</b>	2264801-1
<b>Sampled Date</b>	Jun 05, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 05, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	8.0	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.2	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Pathompong Kornawat

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

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER





## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2264801**

Date Received : Jun 05, 2022

Date Reported : Jun 09, 2022

Report Number : 2325676-2

Page 1 of 1

<b>Sample Number</b>	2264801-1
<b>Sampled Date</b>	Jun 05, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 06, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.8	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Pathompong Kornawat

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2264802**

Date Received : Jun 06, 2022

Date Reported : Jun 09, 2022

Report Number : 2325682-1

Page 1 of 1

<b>Sample Number</b>	2264802-1
<b>Sampled Date</b>	Jun 06, 2022 9:40 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 06, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	8.2	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.0	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Chainusorn Lertnanthakunchai

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

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2264802**

Date Received : Jun 06, 2022

Date Reported : Jun 09, 2022

Report Number : 2325682-2

Page 1 of 1

<b>Sample Number</b>	2264802-1
<b>Sampled Date</b>	Jun 06, 2022 9:40 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 07, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.1	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Chainusorn Lertnanthakunchai

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2264803**

Date Received : Jun 07, 2022

Date Reported : Jun 10, 2022

Report Number : 2325687-1

Page 1 of 1

<b>Sample Number</b>	2264803-1
<b>Sampled Date</b>	Jun 07, 2022 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 07, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.9	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	33.6	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Wanlop Hunchainaow

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

Technical Management

*N. Banongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2264803**

Date Received : Jun 07, 2022

Date Reported : Jun 10, 2022

Report Number : 2325687-2

Page 1 of 1

<b>Sample Number</b>	2264803-1
<b>Sampled Date</b>	Jun 07, 2022 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 08, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	8.1	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Wanlop Hunchainaow

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2264804**

Date Received : Jun 08, 2022

Date Reported : Jun 11, 2022

Report Number : 2325690-1

**Client :** Global Power Synergy Public Company Limited

92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

Page 1 of 1

<b>Sample Number</b>	2264804-1
<b>Sampled Date</b>	Jun 08, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 08, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.7	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.5	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Pathompong Kornawat

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

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2264804**

Date Received : Jun 08, 2022

Date Reported : Jun 11, 2022

Report Number : 2325690-2

Page 1 of 1

<b>Sample Number</b>	2264804-1
<b>Sampled Date</b>	Jun 08, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 09, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.4	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Pathompong Kornawat

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER





## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2264805**

Date Received : Jun 09, 2022

Date Reported : Jun 13, 2022

Report Number : 2325696-1

Page 1 of 1

<b>Sample Number</b>	2264805-1
<b>Sampled Date</b>	Jun 09, 2022 9:25 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 09, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.7	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.3	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Tanasit Wongsachai

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

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2264805**

Date Received : Jun 09, 2022

Date Reported : Jun 13, 2022

Report Number : 2325696-2

Page 1 of 1

<b>Sample Number</b>	2264805-1
<b>Sampled Date</b>	Jun 09, 2022 9:25 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 10, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.2	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Tanasit Wongsachai

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2264806**

Date Received : Jun 10, 2022

Date Reported : Jun 15, 2022

Report Number : 2325699-1

Page 1 of 1

<b>Sample Number</b>	2264806-1
<b>Sampled Date</b>	Jun 10, 2022 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 10, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	8.0	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	33.9	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Pathompong Kornawat

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

Technical Management

*N. Banongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2264806**

Date Received : Jun 10, 2022

Date Reported : Jun 15, 2022

Report Number : 2325699-2

Page 1 of 1

<b>Sample Number</b>	2264806-1
<b>Sampled Date</b>	Jun 10, 2022 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 13, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.2	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Pathompong Kornawat

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2264807**

Date Received : Jun 11, 2022

Date Reported : Jun 15, 2022

Report Number : 2325702-1

**Client :** Global Power Synergy Public Company Limited

92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

Page 1 of 1

<b>Sample Number</b>	2264807-1
<b>Sampled Date</b>	Jun 11, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 11, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.5	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	35.5	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Pathompong Kornawat

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

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2264807**

Date Received : Jun 11, 2022

Date Reported : Jun 15, 2022

Report Number : 2325702-2

Page 1 of 1

<b>Sample Number</b>	2264807-1
<b>Sampled Date</b>	Jun 11, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 13, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.6	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Pathompong Kornawat

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**TESTING**

**No.0042**

**Lot ID: 2264808**

Date Received : Jun 12, 2022

Date Reported : Jun 16, 2022

Report Number : 2325703-1

Page 1 of 1

<b>Sample Number</b>	2264808-1
<b>Sampled Date</b>	Jun 12, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 12, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.4	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	35.1	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Pathompong Kornawat

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

**Technical Management**

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

**Approved by**

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER





## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2264808**

Date Received : Jun 12, 2022

Date Reported : Jun 16, 2022

Report Number : 2325703-2

Page 1 of 1

<b>Sample Number</b>	2264808-1
<b>Sampled Date</b>	Jun 12, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 13, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.2	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Pathompong Kornawat

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2264809**

Date Received : Jun 13, 2022

Date Reported : Jun 16, 2022

Report Number : 2325706-1

**Client :** Global Power Synergy Public Company Limited

92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

Page 1 of 1

<b>Sample Number</b>	2264809-1
<b>Sampled Date</b>	Jun 13, 2022 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 13, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.8	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.4	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Chainusorn Lertnanthakunchai

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

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2264809**

Date Received : Jun 13, 2022

Date Reported : Jun 16, 2022

Report Number : 2325706-2

Page 1 of 1

<b>Sample Number</b>	2264809-1
<b>Sampled Date</b>	Jun 13, 2022 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 14, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.2	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Chainusorn Lertnanthakunchai

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2264810**

Date Received : Jun 14, 2022

Date Reported : Jun 17, 2022

Report Number : 2325701-1

Page 1 of 1

<b>Sample Number</b>	2264810-1
<b>Sampled Date</b>	Jun 14, 2022 9:25 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 14, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.4	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	35.1	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Chainusorn Lertnanthakunchai

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

Technical Management

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2264810**

Date Received : Jun 14, 2022

Date Reported : Jun 17, 2022

Report Number : 2325701-2

Page 1 of 1

<b>Sample Number</b>	2264810-1
<b>Sampled Date</b>	Jun 14, 2022 9:25 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 16, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.0	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Chainusorn Lertnanthakunchai

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2264811**

Date Received : Jun 15, 2022

Date Reported : Jun 17, 2022

Report Number : 2325700-1

Page 1 of 1

<b>Sample Number</b>	2264811-1
<b>Sampled Date</b>	Jun 15, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 15, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.9	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.5	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Chainusorn Lertnanthakunchai

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

Technical Management

*N. Banongkit*

Narumon Banhongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2264811**

Date Received : Jun 15, 2022

Date Reported : Jun 17, 2022

Report Number : 2325700-2

Page 1 of 1

<b>Sample Number</b>	2264811-1
<b>Sampled Date</b>	Jun 15, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 16, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.6	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Chainusorn Lertnanthakunchai

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER





## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**TESTING**

**No.0042**

**Lot ID: 2264812**

Date Received : Jun 16, 2022

Date Reported : Jun 21, 2022

Report Number : 2325698-1

Page 1 of 1

<b>Sample Number</b>	2264812-1
<b>Sampled Date</b>	Jun 16, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 16, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.8	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.6	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Chainusorn Lertnanthakunchai

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

**Technical Management**

*N. Banongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

**Approved by**

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2264812**

Date Received : Jun 16, 2022

Date Reported : Jun 21, 2022

Report Number : 2325698-2

Page 1 of 1

<b>Sample Number</b>	2264812-1
<b>Sampled Date</b>	Jun 16, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 20, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.8	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Chainusorn Lertnanthakunchai

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2264813**

Date Received : Jun 17, 2022

Date Reported : Jun 22, 2022

Report Number : 2325695-1

Page 1 of 1

<b>Sample Number</b>	2264813-1
<b>Sampled Date</b>	Jun 17, 2022 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 17, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.7	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	35.3	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Pathompong Kornawat

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

Technical Management

*N. Banongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2264813**

Date Received : Jun 17, 2022

Date Reported : Jun 22, 2022

Report Number : 2325695-2

Page 1 of 1

<b>Sample Number</b>	2264813-1
<b>Sampled Date</b>	Jun 17, 2022 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 20, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.1	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Pathompong Kornawat

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2264814**

Date Received : Jun 18, 2022

Date Reported : Jun 22, 2022

Report Number : 2325693-1

Page 1 of 1

<b>Sample Number</b>	2264814-1
<b>Sampled Date</b>	Jun 18, 2022 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 18, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.7	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	34.5	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Pathompong Kornawat

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

Technical Management

*N. Banongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2264814**

Date Received : Jun 18, 2022

Date Reported : Jun 22, 2022

Report Number : 2325693-2

Page 1 of 1

<b>Sample Number</b>	2264814-1
<b>Sampled Date</b>	Jun 18, 2022 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 20, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	5.6	No Standard	Based on APHA (2017), 4500-O(C) Rayong	

**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).

**Sampled By :** Pathompong Kornawat

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Narumon Banchongkit  
Supervisor

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING  
No.0042

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2264815**

Date Received : Jun 19, 2022

Date Reported : Jun 22, 2022

Report Number : 2325692-1

Page 1 of 1

<b>Sample Number</b>	2264815-1
<b>Sampled Date</b>	Jun 19, 2022 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 19, 2022
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.7	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	35.5	≤40	Based on APHA (2017), 2550 B	Rayong

**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).

**Sampled By :** Pathompong Kornawat

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

Technical Management

*N. Banongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ จ-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ จ-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER