

ภาคผนวก ง

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ใบรับรองผลการวิเคราะห์



## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2360213**

Date Received : Jun 06, 2023  
Date Reported : Jun 12, 2023  
Report Number: 2662494-1

Page 1 of 1

**Sample Description** Air Quality  
**Location** บ้านที่อยู่ใกล้พื้นที่โครงการมากที่สุด (ชุมชนบ้านมน) (GPS 47P 0735253, 1408968)  
**Date Analysis Commenced** Jun 07, 2023  
**Condition of Sample** Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag

Sample Number	Sampled Date	Total Suspended Particulate (mg/m3)	Particulate Matter (PM-10) (mg/m3)	Barometric Pressure (mm Hg)	Atmospheric Temperature (°C)
2360213-1	May 28 - May 29, 2023	0.042	0.035	756	31
2360213-2	May 29 - May 30, 2023	0.037	0.027	756	30
2360213-3	May 30 - May 31, 2023	0.032	0.028	756	31
2360213-4	May 31 - Jun 01, 2023	0.045	0.041	756	31
2360213-5	Jun 01 - Jun 02, 2023	0.057	0.042	756	32
2360213-6	Jun 02 - Jun 03, 2023	0.043	0.034	756	32
2360213-7	Jun 03 - Jun 04, 2023	0.036	0.026	756	32
<b>Guideline</b>		0.33	0.12	-	-

### Reference Method

Total Suspended Particulate : US EPA 40 CFR Part 50 Appendix B  
Particulate Matter (PM-10) : US EPA 40 CFR Part 50 Appendix J

**Guideline :** Notification of the National Environmental Board. No.24, 2004 (B.E.2547) dated September 22, 2004

**Sampled By :** Mongkon Phalathip

### Remark :

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

Approved by

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2321779**

Date Received : Mar 20, 2023  
Date Reported : Mar 25, 2023  
Report Number: 2579451-1

Page 1 of 1

**Sample Description** Air Quality  
**Location** ชุมชนตลาดห้วยโป่ง (GPS 47P 0732309, 1407980)  
**Parameter** Nitrogen dioxide (ppm)  
**Measurement Date** Mar 13, 2023 - Mar 20, 2023  
**Measurement by** Prasanmit Kueanpet

	2321779-1 Mar 13, 2023	2321779-2 Mar 14, 2023	2321779-3 Mar 15, 2023	2321779-4 Mar 16, 2023	2321779-5 Mar 17, 2023	2321779-6 Mar 18, 2023	2321779-7 Mar 19, 2023
Time							
11:00 AM - 12:00 PM	0.004	0.006	0.002	0.003	0.006	0.003	0.010
12:00 PM - 01:00 PM	0.003	0.007	0.002	0.003	0.003	0.002	0.004
01:00 PM - 02:00 PM	0.005	0.002	0.002	0.003	0.002	0.003	0.010
02:00 PM - 03:00 PM	0.003	0.002	0.002	0.014	0.005	0.006	0.007
03:00 PM - 04:00 PM	0.003	0.002	0.003	0.042	0.002	0.008	0.009
04:00 PM - 05:00 PM	0.003	0.004	0.003	0.023	0.004	0.009	0.011
05:00 PM - 06:00 PM	0.003	0.004	0.003	0.020	0.030	0.008	0.007
06:00 PM - 07:00 PM	0.003	0.004	0.003	0.014	0.007	0.002	0.011
07:00 PM - 08:00 PM	0.003	0.003	0.003	0.013	0.008	0.006	0.002
08:00 PM - 09:00 PM	0.003	0.003	0.003	0.009	0.007	0.005	0.002
09:00 PM - 10:00 PM	0.003	0.003	0.004	0.004	0.005	0.004	0.002
10:00 PM - 11:00 PM	0.003	0.003	0.004	0.003	0.005	0.005	0.002
11:00 PM - 12:00 AM	0.003	0.003	0.003	0.004	0.004	0.009	0.003
12:00 AM - 01:00 AM	0.003	0.003	0.003	0.004	0.002	0.002	0.002
01:00 AM - 02:00 AM	0.002	0.003	0.003	0.005	0.002	0.010	0.003
02:00 AM - 03:00 AM	0.002	0.003	0.003	0.007	0.002	0.007	0.003
03:00 AM - 04:00 AM	0.002	0.002	0.003	0.007	0.002	0.010	0.003
04:00 AM - 05:00 AM	0.002	0.002	0.003	0.004	0.002	0.009	0.003
05:00 AM - 06:00 AM	0.005	0.003	0.003	0.003	0.002	0.005	0.003
06:00 AM - 07:00 AM	0.007	0.003	0.006	0.003	0.002	0.003	0.003
07:00 AM - 08:00 AM	0.006	0.003	0.004	0.002	0.003	0.003	0.003
08:00 AM - 09:00 AM	0.006	0.003	0.004	0.002	0.006	0.002	0.003
09:00 AM - 10:00 AM	0.002	0.002	0.003	0.002	0.004	0.002	0.003
10:00 AM - 11:00 AM	0.006	0.002	0.003	0.004	0.003	0.002	0.004
Average	0.004	0.003	0.003	0.008	0.005	0.005	0.005
1hr - Maximum	0.007	0.007	0.006	0.042	0.030	0.010	0.011
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

Standard : Notification of the National Environment Board No. 33, 2009 (B.E. 2552).  
Reference Method : US EPA Method Part 50 App. F (Chemiluminescence)

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Approved by

*Orawan R.*

Orawan Rakyong  
Scientist (3)

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

**Client :** Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150  
**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2321779**

Date Received : Mar 20, 2023  
Date Reported : Mar 25, 2023  
Report Number: 2604463-1

Page 1 of 1

**Sample Description** Air Quality  
**Location** ชุมชนบ้านพลอง (GPS 47P 0735044, 1406257)  
**Parameter** Nitrogen dioxide (ppm)  
**Measurement Date** Mar 13, 2023 - Mar 20, 2023  
**Measurement by** Prasanmit Kueanpet

Time	2321779-8 Mar 13, 2023	2321779-9 Mar 14, 2023	2321779-10 Mar 15, 2023	2321779-11 Mar 16, 2023	2321779-12 Mar 17, 2023	2321779-13 Mar 18, 2023	2321779-14 Mar 19, 2023
10:00 AM - 11:00 AM	0.015	0.006	0.004	0.018	0.016	0.010	0.019
11:00 AM - 12:00 PM	0.011	0.008	0.006	0.010	0.010	0.006	0.007
12:00 PM - 01:00 PM	0.005	0.009	0.005	0.007	0.007	0.004	0.005
01:00 PM - 02:00 PM	0.006	0.006	0.003	0.004	0.004	0.003	0.004
02:00 PM - 03:00 PM	0.005	0.023	0.004	0.004	0.004	0.004	0.004
03:00 PM - 04:00 PM	0.004	0.004	0.004	0.003	0.004	0.004	0.004
04:00 PM - 05:00 PM	0.003	0.004	0.003	0.003	0.005	0.004	0.003
05:00 PM - 06:00 PM	0.003	0.003	0.004	0.003	0.006	0.003	0.004
06:00 PM - 07:00 PM	0.003	0.003	0.004	0.003	0.006	0.003	0.003
07:00 PM - 08:00 PM	0.003	0.003	0.005	0.003	0.005	0.003	0.003
08:00 PM - 09:00 PM	0.003	0.009	0.006	0.003	0.005	0.003	0.004
09:00 PM - 10:00 PM	0.004	0.007	0.005	0.003	0.006	0.004	0.005
10:00 PM - 11:00 PM	0.005	0.007	0.006	0.004	0.006	0.011	0.006
11:00 PM - 12:00 AM	0.003	0.007	0.008	0.005	0.009	0.012	0.010
12:00 AM - 01:00 AM	0.002	0.009	0.006	0.005	0.005	0.009	0.008
01:00 AM - 02:00 AM	0.003	0.002	0.005	0.004	0.005	0.006	0.005
02:00 AM - 03:00 AM	0.004	0.002	0.006	0.003	0.010	0.009	0.004
03:00 AM - 04:00 AM	0.004	0.002	0.006	0.006	0.021	0.006	0.004
04:00 AM - 05:00 AM	0.003	0.002	0.004	0.006	0.016	0.004	0.006
05:00 AM - 06:00 AM	0.003	0.002	0.005	0.004	0.017	0.004	0.004
06:00 AM - 07:00 AM	0.003	0.002	0.013	0.004	0.016	0.004	0.004
07:00 AM - 08:00 AM	0.004	0.002	0.014	0.012	0.019	0.004	0.004
08:00 AM - 09:00 AM	0.004	0.002	0.008	0.019	0.014	0.006	0.008
09:00 AM - 10:00 AM	0.005	0.002	0.035	0.016	0.012	0.012	0.008
Average	0.005	0.005	0.007	0.006	0.010	0.006	0.006
1hr - Maximum	0.015	0.023	0.035	0.019	0.021	0.012	0.019
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

Standard : Notification of the National Environment Board No. 33, 2009 (B.E. 2552).  
Reference Method : US EPA Method Part 50 App. F (Chemiluminescence)

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Approved by

*Orawan R.*

Orawan Rakyong  
Scientist (3)

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

**Client** : Global Power Synergy Public Company Limited  
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150  
**P/O** : DA41002956  
**Project Name** : Monitoring  
**Project Location** : CUP 2

**Lot ID** : 2322303  
Date Received : Mar 20, 2023  
Date Reported : Mar 28, 2023  
Report Number : 2579452-1

Page 1 of 2

**Sample Number** : 2322303-1 to 7  
**Parameter** : Wind Speed / Wind Direction  
**Location** : ชุมชนตลาดห้วยโป่ง (GPS 47P 0732309, 1407980)  
**Sampling Date** : Mar 13 - Mar 20, 2023  
**Sampling by** : Prasarnmit Kueanpet

Time	Mar 13 - Mar 14, 2023			Mar 14 - Mar 15, 2023			Mar 15 - Mar 16, 2023			Mar 16 - Mar 17, 2023			Mar 17 - Mar 18, 2023			Mar 18 - Mar 19, 2023			Mar 19 - Mar 20, 2023		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
11:00 AM - 12:00 PM	0.2	-	-	0.7	37.0	NE	0.3	280.0	W	1.0	169.0	S	2.5	146.0	SE	0.8	115.0	ESE	1.1	208.0	SSW
12:00 PM - 01:00 PM	0.3	22.0	NNE	1.7	123.0	ESE	3.4	96.0	E	0.8	149.0	SSE	2.5	237.0	WSW	1.3	231.0	SW	0.8	214.0	SW
01:00 PM - 02:00 PM	1.1	65.0	ENE	1.5	0.0	N	1.2	227.0	SW	0.3	145.0	SE	2.0	190.0	S	1.2	117.0	ESE	0.8	121.0	ESE
02:00 PM - 03:00 PM	0.0	-	-	0.5	20.0	NNE	1.4	129.0	SE	1.0	127.0	SE	2.3	190.0	S	2.2	195.0	SSW	2.4	249.0	WSW
03:00 PM - 04:00 PM	0.9	358.0	N	0.5	104.0	ESE	1.5	230.0	SW	1.7	235.0	SW	2.1	210.0	SSW	1.6	220.0	SW	0.9	104.0	ESE
04:00 PM - 05:00 PM	1.1	229.0	SW	0.9	237.0	WSW	2.2	258.0	WSW	2.3	210.0	SSW	1.0	136.0	SE	2.0	226.0	SW	1.8	247.0	WSW
05:00 PM - 06:00 PM	2.1	214.0	SW	1.4	240.0	WSW	2.4	223.0	SW	2.2	233.0	SW	1.3	183.0	S	0.8	251.0	WSW	2.1	246.0	WSW
06:00 PM - 07:00 PM	0.3	174.0	S	1.0	229.0	SW	1.1	191.0	S	2.0	222.0	SW	1.8	255.0	WSW	0.1	-	-	1.0	113.0	ESE
07:00 PM - 08:00 PM	1.8	230.0	SW	0.7	235.0	SW	1.3	212.0	SSW	1.4	58.0	ENE	0.9	209.0	SSW	0.8	205.0	SSW	1.6	169.0	S
08:00 PM - 09:00 PM	1.3	234.0	SW	0.8	273.0	W	0.1	-	-	0.8	221.0	SW	2.5	228.0	SW	0.2	-	-	1.4	159.0	SSE
09:00 PM - 10:00 PM	0.0	-	-	0.2	-	-	1.0	233.0	SW	1.0	231.0	SW	0.1	-	-	1.1	138.0	SE	0.7	182.0	S
10:00 PM - 11:00 PM	0.3	231.0	SW	0.0	-	-	0.5	98.0	E	0.5	152.0	SSE	1.0	197.0	SSW	0.5	183.0	S	0.9	208.0	SSW
11:00 PM - 12:00 AM	0.3	272.0	W	0.0	-	-	0.7	180.0	S	1.8	235.0	SW	0.5	194.0	SSW	0.9	252.0	WSW	0.5	169.0	S
12:00 AM - 01:00 AM	0.1	-	-	0.0	-	-	0.5	116.0	ESE	0.4	149.0	SSE	0.6	163.0	SSE	0.5	196.0	SSW	0.5	163.0	SSE
01:00 AM - 02:00 AM	0.2	-	-	0.1	-	-	0.8	161.0	SSE	1.7	222.0	SW	1.6	100.0	E	0.7	251.0	WSW	0.0	-	-
02:00 AM - 03:00 AM	1.0	345.0	NNW	0.0	-	-	0.0	-	-	0.6	135.0	SE	1.1	184.0	S	0.3	188.0	S	0.5	226.0	SW
03:00 AM - 04:00 AM	0.0	-	-	0.0	-	-	0.4	97.0	E	0.3	177.0	S	0.5	191.0	S	0.2	-	-	2.1	253.0	WSW
04:00 AM - 05:00 AM	0.0	-	-	0.5	335.0	NNW	0.0	-	-	0.0	-	-	0.0	-	-	0.5	96.0	E	1.7	211.0	SSW
05:00 AM - 06:00 AM	0.0	-	-	0.0	-	-	0.4	164.0	SSE	1.1	287.0	WNW	0.6	235.0	SW	0.2	-	-	0.1	-	-
06:00 AM - 07:00 AM	0.1	-	-	0.2	-	-	0.0	-	-	0.5	220.0	SW	0.7	294.0	WNW	0.0	-	-	1.4	210.0	SSW
07:00 AM - 08:00 AM	0.3	318.0	NW	0.9	323.0	NW	1.3	257.0	WSW	0.1	-	-	0.2	-	-	0.3	210.0	SSW	0.0	-	-
08:00 AM - 09:00 AM	0.1	-	-	0.4	359.0	N	0.6	206.0	SSW	0.5	217.0	SW	0.8	211.0	SSW	1.5	270.0	W	0.8	189.0	S
09:00 AM - 10:00 AM	0.4	349.0	N	0.4	8.0	N	0.2	-	-	1.3	247.0	WSW	0.4	230.0	SW	0.4	174.0	S	0.8	200.0	SSW
10:00 AM - 11:00 AM	0.2	-	-	1.4	101.0	E	0.8	101.0	E	0.3	170.0	S	0.7	184.0	S	0.4	227.0	SW	1.0	160.0	SSE

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Approved by

Sarayuth Jittrantont  
Assistant General Manager



## 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** : DA41002956  
**Project Name** : Monitoring  
**Project Location** : CUP 2

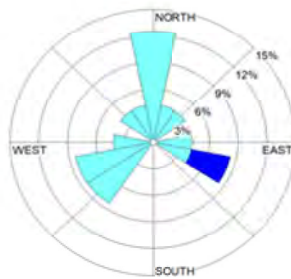
**Lot ID** : 2322303  
Date Received : Mar 20, 2023  
Date Reported : Mar 28, 2023  
Report Number : 2579452-1

Page 2 of 2

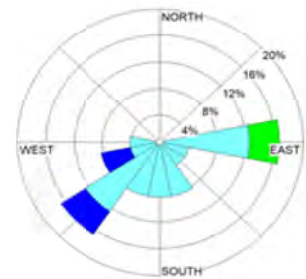
### Wind Rose



Date : Mar 13-14, 2023



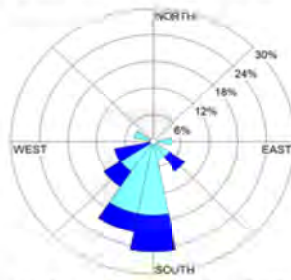
Date : Mar 14-15, 2023



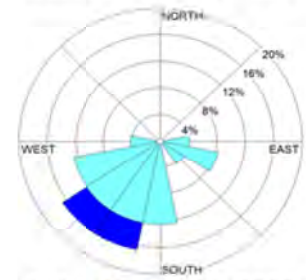
Date : Mar 15-16, 2023



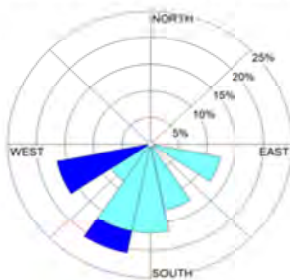
Date : Mar 16-17, 2023



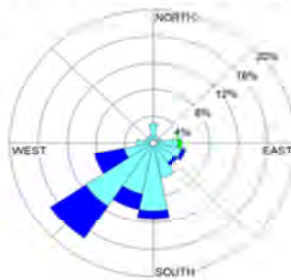
Date : Mar 17-18, 2023



Date : Mar 18-19, 2023



Date : Mar 19-20, 2023



Date : Mar 13-20, 2023

WS(m/s)	%
> 10.0	0.00
8.0-10.0	0.00
5.5-8.0	0.00
3.3-5.5	0.60
1.7-3.3	14.87
0.3-1.7	61.91
Calms	22.62

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Approved by

Sarayuth Jitranont  
Assistant General Manager





## 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** : DA41002956  
**Project Name** : Monitoring  
**Project Location** : CUP 2

**Lot ID: 2322312**  
Date Received : Mar 14, 2023  
Date Reported : Mar 20, 2023  
Report Number : 2579470-1

Page 1 of 1

**Sample Number** : 2322312-1  
**Sample Description** : Emission from Stationary Source  
**Location** : HRSG 1  
**Measurement Date** : Mar 14, 2023

### Stack Description

Ambient Temperature	31 °C	Diameter	3.40 m	Oxygen	13.13 %
Ambient Pressure	756 mmHg	Shape	Circle	Carbon dioxide	4.51 %
Type of Process	Combustion	Stack Temperature	146 °C	Gas Velocity	23.11 m/s
Type of Fuel	Natural Gas	Moisture	12.02 %	Flow Rate	470107 Nm3/hr

Run No.	Sampling Time	Oxygen (%)	Carbon Dioxide (%)	Oxides of Nitrogen (ppm)		Sulfur Dioxide (ppm)	
				at Actual O <sub>2</sub>	at 7% O <sub>2</sub>	at Actual O <sub>2</sub>	at 7% O <sub>2</sub>
1	12:00 PM - 12:20 PM	13.01	4.58	19.07	33.60	0.16	0.28
2	12:21 PM - 12:41 PM	13.12	4.51	18.57	33.18	0.16	0.29
3	12:42 PM - 01:02 PM	13.27	4.42	16.61	30.26	0.18	0.33
Average (ppm)		13.13	4.51	18.09	32.34	0.17	0.30
Guideline <sup>1/</sup> (ppm)				-	35	-	-
Guideline <sup>2/</sup> (ppm)				-	120	-	20
Result (mg/Nm <sup>3</sup> )				34.03	60.85	0.44	0.79
Emission Rate at Actual O <sub>2</sub> (g/s)				4.4432		0.0574	
Guideline <sup>1/</sup> (g/s)				6.73		-	
Method				US EPA Method 7E		US EPA Method 6C	

**Sampled By** : Sathaporn Thakarw

**Guideline** : <sup>1/</sup> Environmental Impact Assessment Report of Global Power Synergy Public Company Limited (CUP 2)  
<sup>2/</sup> Notification of the Ministry of Industry on determining pollutant contents in air emitted from electric power generation, transmission and distribution plant, 2004 (B.E. 2547), dated September, 2004 (B.E. 2547).

**Technical Management**

Wichan Choonharat  
Manager  
ทะเบียนเลขที่ ว-204-ค-6113

**Approved by**

Sarayuth Jittranont  
Assistant General Manager  
ทะเบียนเลขที่ ว-204-ค-4702

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## 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** : DA41002956  
**Project Name** : Monitoring  
**Project Location** : CUP 2

**Lot ID: 2322313**  
Date Received : Mar 15, 2023  
Date Reported : Mar 20, 2023  
Report Number : 2579471-1

Page 1 of 1

**Sample Number** : 2322313-1  
**Sample Description** : Emission from Stationary Source  
**Location** : HSRG 2 (GPS 47P 0734915, 1410987)  
**Measurement Date** : Mar 15, 2023

### Stack Description

Ambient Temperature	31 °C	Diameter	3.40 m	Oxygen	13.36 %
Ambient Pressure	756 mmHg	Shape	Circle	Carbon dioxide	4.38 %
Type of Process	Combustion	Stack Temperature	145 °C	Gas Velocity	23.08 m/s
Type of Fuel	Natural Gas	Moisture	13.10 %	Flow Rate	464772 Nm3/hr

Run No.	Sampling Time	Oxygen (%)	Carbon Dioxide (%)	Oxides of Nitrogen (ppm)		Sulfur Dioxide (ppm)	
				at Actual O <sub>2</sub>	at 7% O <sub>2</sub>	at Actual O <sub>2</sub>	at 7% O <sub>2</sub>
1	12:20 PM - 12:40 PM	13.27	4.44	12.86	23.43	0.52	0.95
2	12:41 PM - 01:01 PM	13.40	4.35	11.64	21.59	0.50	0.93
3	01:02 PM - 01:22 PM	13.40	4.34	11.76	21.81	0.49	0.91
Average (ppm)		13.36	4.38	12.09	22.28	0.50	0.93
Guideline <sup>1/</sup> (ppm)				-	35	-	-
Guideline <sup>2/</sup> (ppm)				-	120	-	20
Result (mg/Nm <sup>3</sup> )				22.74	41.91	1.32	2.43
Emission Rate at Actual O <sub>2</sub> (g/s)				2.9364		0.1705	
Guideline <sup>1/</sup> (g/s)				6.73		-	
Method				US EPA Method 7E		US EPA Method 6C	

**Sampled By** : Sathaporn Thakarw

**Guideline** : <sup>1/</sup> Environmental Impact Assessment Report of Global Power Synergy Public Company Limited (CUP 2)  
<sup>2/</sup> Notification of the Ministry of Industry on determining pollutant contents in air emitted from electric power generation, transmission and distribution plant, 2004 (B.E. 2547), dated September, 2004 (B.E. 2547).

**Technical Management**

Wichan Choonharat  
Manager

ทะเบียนเลขที่ ว-204-ค-6113

**Approved by**

Sarayuth Jittranont  
Assistant General Manager  
ทะเบียนเลขที่ ว-204-ค-4702

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## 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** : DA41002956  
**Project Name** : Monitoring  
**Project Location** : CUP 2

**Lot ID: 2322324**  
Date Received : Mar 16, 2023  
Date Reported : Mar 20, 2023  
Report Number : 2579486-1

Page 1 of 1

**Sample Number** : 2322324-1  
**Sample Description** : Emission from Stationary Source  
**Location** : Auxilliary boiler (GPS 47P 0734926, 1410957)  
**Measurement Date** : Mar 16, 2023

### Stack Description

Ambient Temperature	31 °C	Diameter	1.50 m	Oxygen	4.70 %
Ambient Pressure	756 mmHg	Shape	Circle	Carbon dioxide	9.38 %
Type of Process	Combustion	Stack Temperature	111 °C	Gas Velocity	5.39 m/s
Type of Fuel	Natural Gas	Moisture	20.29 %	Flow Rate	21093 Nm3/hr

Run No.	Sampling Time	Oxygen (%)	Carbon Dioxide (%)	Oxides of Nitrogen (ppm)		Sulfur Dioxide (ppm)	
				at Actual O <sub>2</sub>	at 7% O <sub>2</sub>	at Actual O <sub>2</sub>	at 7% O <sub>2</sub>
1	01:00 PM - 01:20 PM	4.64	9.42	37.30	31.88	0.17	0.15
2	01:21 PM - 01:41 PM	4.74	9.37	37.84	32.56	0.16	0.14
3	01:42 PM - 02:02 PM	4.72	9.36	38.03	32.68	0.16	0.14
Average (ppm)		4.70	9.38	37.73	32.37	0.17	0.14
Guideline <sup>1/</sup> (ppm)				-	50	-	-
Guideline <sup>2/</sup> (ppm)				-	120	-	20
Result (mg/Nm <sup>3</sup> )				70.98	60.91	0.43	0.37
Emission Rate at Actual O <sub>2</sub> (g/s)				0.4159		0.0025	
Guideline <sup>1/</sup> (g/s)				1.56		-	
Method				US EPA Method 7E		US EPA Method 6C	

**Sampled By** : Sathaporn Thakarw

**Guideline** : <sup>1/</sup> Environmental Impact Assessment Report of Global Power Synergy Public Company Limited (CUP 2)  
<sup>2/</sup> Notification of the Ministry of Industry on determining pollutant contents in air emitted from electric power generation, transmission and distribution plant, 2004 (B.E. 2547), dated September, 2004 (B.E. 2547).

**Technical Management**

Wichan Choonharat  
Manager  
ทะเบียนเลขที่ ว-204-ค-6113

**Approved by**

Sarayuth Jittranont  
Assistant General Manager  
ทะเบียนเลขที่ ว-204-ค-4702

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322340**

Date Received : Mar 22, 2023

Date Reported : Apr 04, 2023

Report Number : 2579501-1

Page 1 of 8

**Sample Number** 2322340-1  
**Sampled Date** Mar 22, 2023  
**Sample Description** Air Quality  
**Location** HRSG 1  
**Date Analysis Commenced** Mar 23, 2023  
**Condition of Sample** Drawn into one amber plastic bottle, refrigerated  
**Barometric Pressure** 758 mmHg  
**Atmospheric Temperature** 32.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
<b>Air Testing</b>									
Ammonia	10:00 AM - 12:00 PM	ppm	-	0.10	<0.10	50	Based on Method of Air Sampling and Analysis, 401	MOL	Rayong

**Guideline :**

MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)

**Sampled By :** Ronnachai Mounigma

**Remark :**

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

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Approved by

*Orawan R.*

Orawan Rakyong  
Scientist (3)





## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322340**

Date Received : Mar 22, 2023

Date Reported : Apr 04, 2023

Report Number : 2579501-1

Page 2 of 8

**Sample Number** 2322340-2  
**Sampled Date** Mar 22, 2023  
**Sample Description** Air Quality  
**Location** HRSG 2  
**Date Analysis Commenced** Mar 23, 2023  
**Condition of Sample** Drawn into one amber plastic bottle, refrigerated  
**Barometric Pressure** 758 mmHg  
**Atmospheric Temperature** 32.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
<b>Air Testing</b>									
Ammonia	10:00 AM - 12:00 PM	ppm	-	0.10	<0.10	50	Based on Method of Air Sampling and Analysis, 401	MOL	Rayong

**Guideline :**

MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)

**Sampled By :** Ronnachai Mounigma

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Approved by

*Orawan R.*

Orawan Rakyong  
Scientist (3)



## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322340**

Date Received : Mar 22, 2023

Date Reported : Apr 04, 2023

Report Number : 2579501-1

Page 3 of 8

**Sample Number** 2322340-3  
**Sampled Date** Mar 22, 2023  
**Sample Description** Air Quality  
**Location** NH4OH Tank  
**Date Analysis Commenced** Mar 23, 2023  
**Condition of Sample** Drawn into one amber plastic bottle, refrigerated  
**Barometric Pressure** 758 mmHg  
**Atmospheric Temperature** 32.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
<b>Air Testing</b>									
Ammonia	10:00 AM - 12:00 PM	ppm	-	0.10	<0.10	50	Based on Method of Air Sampling and Analysis, 401	MOL	Rayong

**Guideline :**

MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)

**Sampled By :** Ronnachai Mounigma

**Remark :**

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Approved by

*Orawan R.*

Orawan Rakyong  
Scientist (3)



## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322340**

Date Received : Mar 22, 2023

Date Reported : Apr 04, 2023

Report Number : 2579501-1

Page 4 of 8

**Sample Number** 2322340-4  
**Sampled Date** Mar 22, 2023  
**Sample Description** Air Quality  
**Location** HCl Tank  
**Date Analysis Commenced** Mar 24, 2023  
**Condition of Sample** Drawn into one amber plastic bottle, refrigerated  
**Barometric Pressure** 758 mmHg  
**Atmospheric Temperature** 32.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
<b>Air Testing</b>									
Hydrogen chloride (Hydrochloric acid)	10:00 AM - 12:00 PM	ppm	-	0.05	<0.05	5(C)	Based on OSHA, ID-174-SG	MOL	Bangkok

**Guideline :**

MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)

**Sampled By :** Ronnachai Mounigma

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*Orawan R.*

Orawan Rakyong  
Scientist (3)





## Analysis / Test Report

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322340**

Date Received : Mar 22, 2023

Date Reported : Apr 04, 2023

Report Number : 2579501-1

Page 5 of 8

**Sample Number** 2322340-5  
**Sampled Date** Mar 22, 2023  
**Sample Description** Air Quality  
**Location** NaOH Tank  
**Date Analysis Commenced** Mar 24, 2023  
**Condition of Sample** Drawn into one amber plastic bottle, refrigerated  
**Barometric Pressure** 758 mmHg  
**Atmospheric Temperature** 32.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
<b>Air Testing</b>									
Sodium hydroxide as NaOH	10:00 AM - 12:00 PM	mg/m3	-	0.05	<0.05	2	NIOSH (1994), 7401	MOL	Rayong

**Guideline :**

MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)

**Sampled By :** Ronnachai Mounigma

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*Orawan R.*

Orawan Rakyong  
Scientist (3)



## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322340**

Date Received : Mar 22, 2023

Date Reported : Apr 04, 2023

Report Number : 2579501-1

Page 6 of 8

**Sample Number** 2322340-6  
**Sampled Date** Mar 22, 2023  
**Sample Description** Air Quality  
**Location** H2SO4 Tank  
**Date Analysis Commenced** Mar 24, 2023  
**Condition of Sample** Drawn into one amber plastic bottle, refrigerated  
**Barometric Pressure** 758 mmHg  
**Atmospheric Temperature** 32.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
<b>Air Testing</b>									
Sulfuric acid	10:00 AM - 12:00 PM	mg/m3	-	0.05	<0.05	1	Based on OSHA, ID-174-SG	MOL	Bangkok

**Guideline :**

MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)

**Sampled By :** Ronnachai Mounigma

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Approved by

*Orawan R.*

Orawan Rakyong  
Scientist (3)



## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322340**

Date Received : Mar 22, 2023

Date Reported : Apr 04, 2023

Report Number : 2579501-1

Page 7 of 8

**Sample Number** 2322340-7  
**Sampled Date** Mar 22, 2023  
**Sample Description** Air Quality  
**Location** Cooling Tower  
**Date Analysis Commenced** Mar 24, 2023  
**Condition of Sample** Drawn into one amber plastic bottle, refrigerated  
**Barometric Pressure** 758 mmHg  
**Atmospheric Temperature** 32.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
<b>Air Testing</b>									
Chlorine	10:00 AM - 12:00 PM	ppm	-	0.10	<0.10	1(C)	Based on OSHA, ID 101	MOL	Bangkok

**Guideline :**

MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)

**Sampled By :** Ronnachai MOUNGMA

**Remark :**

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Approved by

*Orawan R.*

Orawan Rakyong  
Scientist (3)





## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322340**

Date Received : Mar 22, 2023

Date Reported : Apr 04, 2023

Report Number : 2579501-1

Page 8 of 8

**Sample Number** 2322340-8  
**Sampled Date** Mar 22, 2023  
**Sample Description** Air Quality  
**Location** RO Plant  
**Date Analysis Commenced** Mar 24, 2023  
**Condition of Sample** Drawn into one amber plastic bottle, refrigerated  
**Barometric Pressure** 758 mmHg  
**Atmospheric Temperature** 32.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
<b>Air Testing</b>									
Chlorine	10:00 AM - 12:00 PM	ppm	-	0.10	<0.10	1(C)	Based on OSHA, ID 101	MOL	Bangkok

**Guideline :**

MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)

**Sampled By :** Ronnachai MOUNGMA

**Remark :**

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Approved by

*Orawan R.*

Orawan Rakyong  
Scientist (3)



## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322306**

Date Received : Mar 20, 2023  
Date Reported : Mar 24, 2023  
Report Number: 2601865-1

Page 1 of 1

**Sample Number** 2322306-1  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ริมรั้วด้านทางเข้าโรงงาน (GPS 47P 0734819, 1411045)  
**Measurement Date** Mar 13 - Mar 14, 2023  
**Measurement by** Prasanmit Kueanpet  
**Sound Level meter** Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	65.1	81.8	64.5
10:00 AM - 11:00 AM	65.0	73.3	64.5
11:00 AM - 12:00 PM	65.2	75.5	64.5
12:00 PM - 01:00 PM	65.3	72.8	64.7
01:00 PM - 02:00 PM	65.2	70.0	64.6
02:00 PM - 03:00 PM	65.2	73.2	64.5
03:00 PM - 04:00 PM	65.2	76.4	64.5
04:00 PM - 05:00 PM	64.9	73.9	64.3
05:00 PM - 06:00 PM	64.6	72.3	64.1
06:00 PM - 07:00 PM	64.6	68.4	64.1
07:00 PM - 08:00 PM	65.0	70.5	64.4
08:00 PM - 09:00 PM	64.8	71.2	64.2
09:00 PM - 10:00 PM	64.4	68.7	63.9
10:00 PM - 11:00 PM	64.3	69.3	63.8
11:00 PM - 12:00 AM	64.3	68.9	64.0
12:00 AM - 01:00 AM	64.6	68.1	64.3
01:00 AM - 02:00 AM	64.7	67.6	64.4
02:00 AM - 03:00 AM	64.4	66.5	64.1
03:00 AM - 04:00 AM	64.5	71.3	64.1
04:00 AM - 05:00 AM	64.4	65.7	64.1
05:00 AM - 06:00 AM	64.3	72.0	63.9
06:00 AM - 07:00 AM	64.6	75.8	64.0
07:00 AM - 08:00 AM	64.4	70.6	63.8
08:00 AM - 09:00 AM	64.5	71.6	63.9

Leq Average 24 hrs. (dB(A)) 64.7  
Lmax (dB(A)) 81.8  
L90 (dB(A)) 64.1  
Ldn (dB(A)) 70.9  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322306**  
Date Received : Mar 20, 2023  
Date Reported : Mar 24, 2023  
Report Number: 2601866-1

Page 1 of 1

**Sample Number** 2322306-2  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ริมรั้วด้านทางเข้าโรงงาน (GPS 47P 0734819, 1411045)  
**Measurement Date** Mar 14 - Mar 15, 2023  
**Measurement by** Prasanmit Kueanpet  
**Sound Level meter** Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	64.6	75.7	64.0
10:00 AM - 11:00 AM	64.8	77.6	64.1
11:00 AM - 12:00 PM	64.6	74.1	63.9
12:00 PM - 01:00 PM	64.5	69.5	63.8
01:00 PM - 02:00 PM	64.3	72.4	63.6
02:00 PM - 03:00 PM	64.0	67.6	63.4
03:00 PM - 04:00 PM	64.4	69.6	63.8
04:00 PM - 05:00 PM	64.0	72.5	63.5
05:00 PM - 06:00 PM	63.8	71.5	63.3
06:00 PM - 07:00 PM	63.8	69.8	63.4
07:00 PM - 08:00 PM	64.1	67.7	63.6
08:00 PM - 09:00 PM	64.1	67.8	63.7
09:00 PM - 10:00 PM	64.3	68.9	63.8
10:00 PM - 11:00 PM	64.8	68.2	64.4
11:00 PM - 12:00 AM	64.8	67.5	64.4
12:00 AM - 01:00 AM	64.6	67.7	64.3
01:00 AM - 02:00 AM	64.9	67.8	64.5
02:00 AM - 03:00 AM	64.6	67.7	64.3
03:00 AM - 04:00 AM	64.3	65.7	63.9
04:00 AM - 05:00 AM	64.3	65.7	63.9
05:00 AM - 06:00 AM	64.5	77.4	63.9
06:00 AM - 07:00 AM	64.5	77.9	64.0
07:00 AM - 08:00 AM	64.3	76.6	63.7
08:00 AM - 09:00 AM	64.5	74.0	63.7

Leq Average 24 hrs. (dB(A)) 64.4  
Lmax (dB(A)) 77.9  
L90 (dB(A)) 63.8  
Ldn (dB(A)) 71.0  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322306**

Date Received : Mar 20, 2023  
Date Reported : Mar 24, 2023  
Report Number: 2601867-1

Page 1 of 1

**Sample Number** 2322306-3  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ริมรั้วด้านทางเข้าโรงงาน (GPS 47P 0734819, 1411045)  
**Measurement Date** Mar 15 - Mar 16, 2023  
**Measurement by** Prasanmit Kueanpet  
**Sound Level meter** Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	64.6	77.8	63.8
10:00 AM - 11:00 AM	64.3	71.9	63.7
11:00 AM - 12:00 PM	64.2	72.5	63.5
12:00 PM - 01:00 PM	63.9	76.8	63.2
01:00 PM - 02:00 PM	63.9	69.6	63.2
02:00 PM - 03:00 PM	63.8	67.3	63.1
03:00 PM - 04:00 PM	64.0	76.3	63.3
04:00 PM - 05:00 PM	63.9	72.4	63.3
05:00 PM - 06:00 PM	64.2	72.6	63.6
06:00 PM - 07:00 PM	64.1	66.4	63.6
07:00 PM - 08:00 PM	64.2	70.1	63.7
08:00 PM - 09:00 PM	64.3	70.5	63.9
09:00 PM - 10:00 PM	64.5	67.5	63.9
10:00 PM - 11:00 PM	64.4	67.6	63.9
11:00 PM - 12:00 AM	64.3	68.3	63.7
12:00 AM - 01:00 AM	64.2	66.5	63.8
01:00 AM - 02:00 AM	64.3	66.8	63.8
02:00 AM - 03:00 AM	64.2	66.0	63.7
03:00 AM - 04:00 AM	64.3	66.1	63.8
04:00 AM - 05:00 AM	64.3	68.2	63.8
05:00 AM - 06:00 AM	64.5	71.8	63.9
06:00 AM - 07:00 AM	64.4	71.8	63.8
07:00 AM - 08:00 AM	64.1	75.1	63.5
08:00 AM - 09:00 AM	64.0	73.2	63.4

Leq Average 24 hrs. (dB(A)) 64.2  
Lmax (dB(A)) 77.8  
L90 (dB(A)) 63.7  
Ldn (dB(A)) 70.7  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322306**

Date Received : Mar 20, 2023  
Date Reported : Mar 24, 2023  
Report Number: 2601868-1

Page 1 of 1

**Sample Number** 2322306-4  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ริมรั้วด้านทางเข้าโรงงาน (GPS 47P 0734819, 1411045)  
**Measurement Date** Mar 16 - Mar 17, 2023  
**Measurement by** Prasanmit Kueanpet  
**Sound Level meter** Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	64.0	69.4	63.4
10:00 AM - 11:00 AM	63.8	71.7	63.1
11:00 AM - 12:00 PM	63.7	75.3	63.0
12:00 PM - 01:00 PM	63.7	71.7	63.1
01:00 PM - 02:00 PM	63.9	75.0	63.3
02:00 PM - 03:00 PM	64.1	70.1	63.4
03:00 PM - 04:00 PM	64.3	71.2	63.7
04:00 PM - 05:00 PM	63.8	72.4	63.2
05:00 PM - 06:00 PM	63.4	70.0	62.8
06:00 PM - 07:00 PM	63.5	72.5	63.0
07:00 PM - 08:00 PM	63.6	75.8	63.1
08:00 PM - 09:00 PM	63.9	70.8	63.4
09:00 PM - 10:00 PM	64.4	67.5	63.9
10:00 PM - 11:00 PM	64.4	69.3	63.9
11:00 PM - 12:00 AM	64.3	66.2	63.8
12:00 AM - 01:00 AM	64.3	67.0	63.8
01:00 AM - 02:00 AM	64.3	66.5	63.8
02:00 AM - 03:00 AM	64.2	66.0	63.7
03:00 AM - 04:00 AM	64.3	66.7	63.8
04:00 AM - 05:00 AM	64.3	66.3	63.9
05:00 AM - 06:00 AM	64.8	78.0	64.0
06:00 AM - 07:00 AM	64.5	73.1	64.0
07:00 AM - 08:00 AM	64.0	69.6	63.5
08:00 AM - 09:00 AM	63.7	72.5	63.2

Leq Average 24 hrs. (dB(A)) 64.1  
Lmax (dB(A)) 78.0  
L90 (dB(A)) 63.4  
Ldn (dB(A)) 70.7  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322306**

Date Received : Mar 20, 2023  
Date Reported : Mar 24, 2023  
Report Number: 2601869-1

Page 1 of 1

**Sample Number** 2322306-5  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ริมรั้วด้านทางเข้าโรงงาน (GPS 47P 0734819, 1411045)  
**Measurement Date** Mar 17 - Mar 18, 2023  
**Measurement by** Prasanmit Kueanpet  
**Sound Level meter** Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	63.5	74.3	62.9
10:00 AM - 11:00 AM	63.6	67.7	63.0
11:00 AM - 12:00 PM	63.7	66.4	63.1
12:00 PM - 01:00 PM	63.9	70.0	63.2
01:00 PM - 02:00 PM	63.6	70.2	63.0
02:00 PM - 03:00 PM	63.8	68.1	63.2
03:00 PM - 04:00 PM	63.9	72.4	63.3
04:00 PM - 05:00 PM	63.3	70.8	62.7
05:00 PM - 06:00 PM	63.4	67.2	62.8
06:00 PM - 07:00 PM	63.3	67.1	62.8
07:00 PM - 08:00 PM	63.4	70.1	62.9
08:00 PM - 09:00 PM	63.6	67.9	63.1
09:00 PM - 10:00 PM	64.1	67.3	63.6
10:00 PM - 11:00 PM	64.1	68.7	63.6
11:00 PM - 12:00 AM	64.0	68.4	63.5
12:00 AM - 01:00 AM	64.0	66.2	63.5
01:00 AM - 02:00 AM	64.0	66.2	63.5
02:00 AM - 03:00 AM	64.0	65.6	63.5
03:00 AM - 04:00 AM	64.0	65.6	63.5
04:00 AM - 05:00 AM	64.1	66.5	63.6
05:00 AM - 06:00 AM	64.2	71.2	63.7
06:00 AM - 07:00 AM	64.8	72.0	64.3
07:00 AM - 08:00 AM	64.2	70.2	63.6
08:00 AM - 09:00 AM	63.8	76.5	63.2

Leq Average 24 hrs. (dB(A)) 63.9  
Lmax (dB(A)) 76.5  
L90 (dB(A)) 63.2  
Ldn (dB(A)) 70.5  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ  
โรงงาน พ.ศ. 2548

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

Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322306**

Date Received : Mar 20, 2023  
Date Reported : Mar 24, 2023  
Report Number: 2601870-1

Page 1 of 1

**Sample Number** 2322306-6  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ริมรั้วด้านทางเข้าโรงงาน (GPS 47P 0734819, 1411045)  
**Measurement Date** Mar 18 - Mar 19, 2023  
**Measurement by** Prasanmit Kueanpet  
**Sound Level meter** Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	63.8	67.7	63.1
10:00 AM - 11:00 AM	63.6	71.1	63.0
11:00 AM - 12:00 PM	63.3	70.6	62.6
12:00 PM - 01:00 PM	63.6	72.8	62.9
01:00 PM - 02:00 PM	63.8	73.0	63.1
02:00 PM - 03:00 PM	63.6	71.2	62.8
03:00 PM - 04:00 PM	62.9	71.0	62.2
04:00 PM - 05:00 PM	63.0	71.8	62.3
05:00 PM - 06:00 PM	63.2	69.8	62.6
06:00 PM - 07:00 PM	63.3	66.5	62.8
07:00 PM - 08:00 PM	63.5	67.2	63.0
08:00 PM - 09:00 PM	63.6	66.7	63.1
09:00 PM - 10:00 PM	64.3	70.7	63.6
10:00 PM - 11:00 PM	64.1	68.5	63.5
11:00 PM - 12:00 AM	64.0	67.4	63.5
12:00 AM - 01:00 AM	63.9	67.7	63.4
01:00 AM - 02:00 AM	63.9	65.8	63.4
02:00 AM - 03:00 AM	63.8	67.6	63.3
03:00 AM - 04:00 AM	63.9	65.7	63.4
04:00 AM - 05:00 AM	63.9	66.0	63.4
05:00 AM - 06:00 AM	64.1	73.0	63.6
06:00 AM - 07:00 AM	64.1	71.9	63.5
07:00 AM - 08:00 AM	63.7	70.2	63.2
08:00 AM - 09:00 AM	63.5	72.8	62.8

Leq Average 24 hrs. (dB(A)) 63.7  
Lmax (dB(A)) 73.0  
L90 (dB(A)) 63.1  
Ldn (dB(A)) 70.3  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ  
โรงงาน พ.ศ. 2548

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

Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322306**

Date Received : Mar 20, 2023  
Date Reported : Mar 24, 2023  
Report Number: 2601871-1

Page 1 of 1

**Sample Number** 2322306-7  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ริมรั้วด้านทางเข้าโรงงาน (GPS 47P 0734819, 1411045)  
**Measurement Date** Mar 19 - Mar 20, 2023  
**Measurement by** Prasanmit Kueanpet  
**Sound Level meter** Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	63.3	70.2	62.7
10:00 AM - 11:00 AM	63.4	67.1	62.7
11:00 AM - 12:00 PM	63.4	71.6	62.7
12:00 PM - 01:00 PM	63.3	69.1	62.6
01:00 PM - 02:00 PM	63.6	68.0	62.9
02:00 PM - 03:00 PM	63.4	68.1	62.7
03:00 PM - 04:00 PM	63.4	67.5	62.7
04:00 PM - 05:00 PM	63.2	66.7	62.6
05:00 PM - 06:00 PM	63.1	67.4	62.6
06:00 PM - 07:00 PM	63.2	67.3	62.6
07:00 PM - 08:00 PM	63.5	69.9	63.0
08:00 PM - 09:00 PM	63.7	68.2	63.1
09:00 PM - 10:00 PM	63.7	68.5	63.1
10:00 PM - 11:00 PM	63.7	69.6	63.2
11:00 PM - 12:00 AM	63.6	67.4	63.1
12:00 AM - 01:00 AM	63.6	67.7	63.1
01:00 AM - 02:00 AM	63.6	67.8	63.1
02:00 AM - 03:00 AM	63.4	68.3	63.0
03:00 AM - 04:00 AM	63.5	65.2	63.1
04:00 AM - 05:00 AM	63.7	67.5	63.3
05:00 AM - 06:00 AM	64.5	72.4	64.0
06:00 AM - 07:00 AM	64.6	71.3	64.0
07:00 AM - 08:00 AM	64.3	71.6	63.7
08:00 AM - 09:00 AM	64.1	68.9	63.5

Leq Average 24 hrs. (dB(A)) 63.6  
Lmax (dB(A)) 72.4  
L90 (dB(A)) 63.0  
Ldn (dB(A)) 70.2  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322347**

Date Received : Mar 23, 2023  
Date Reported : Mar 25, 2023  
Report Number: 2603510-1

Page 1 of 1

**Sample Number** 2322347-1  
**Parameter** Noise (Leq 8 hrs.)  
**Location** HRSG #1  
**Measurement Date** Mar 22, 2023  
**Measurement by** Ronnachai Mounigma

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:08 AM - 10:08 AM	81.6	83.1	81.5
10:08 AM - 11:08 AM	81.6	83.9	81.5
11:08 AM - 12:08 PM	81.5	85.1	81.4
12:08 PM - 01:08 PM	81.5	82.1	81.3
01:08 PM - 02:08 PM	81.4	82.0	81.3
02:08 PM - 03:08 PM	81.5	82.5	81.3
03:08 PM - 04:08 PM	81.6	100.0	81.3
04:08 PM - 05:08 PM	81.6	82.2	81.5

Leq Average 8 hrs. (dB(A))

81.5

Lmax (dB(A))

100.0

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322347**

Date Received : Mar 23, 2023

Date Reported : Mar 25, 2023

Report Number: 2603511-1

Page 1 of 1

**Sample Number** 2322347-2  
**Parameter** Noise (Leq 8 hrs.)  
**Location** HRSG #2  
**Measurement Date** Mar 22, 2023  
**Measurement by** Ronnachai Mounigma

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:30 AM - 10:30 AM	80.0	80.8	79.8
10:30 AM - 11:30 AM	80.2	81.0	80.1
11:30 AM - 12:30 PM	80.3	82.2	80.1
12:30 PM - 01:30 PM	80.3	80.8	80.2
01:30 PM - 02:30 PM	80.3	80.9	80.2
02:30 PM - 03:30 PM	80.2	80.8	80.1
03:30 PM - 04:30 PM	80.3	80.9	80.2
04:30 PM - 05:30 PM	80.4	81.0	80.3

Leq Average 8 hrs. (dB(A))

80.3

Lmax (dB(A))

82.2

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรฐานการคุ้มครองความปลอดภัย  
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Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322347**

Date Received : Mar 23, 2023  
Date Reported : Mar 25, 2023  
Report Number: 2603512-1

Page 1 of 1

**Sample Number** 2322347-3  
**Parameter** Noise (Leq 8 hrs.)  
**Location** GTG #1  
**Measurement Date** Mar 22, 2023  
**Measurement by** Ronnachai Moungrma

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:10 AM - 10:10 AM	78.3	79.7	78.0
10:10 AM - 11:10 AM	78.2	79.4	78.0
11:10 AM - 12:10 PM	78.3	79.7	78.1
12:10 PM - 01:10 PM	78.4	79.7	78.1
01:10 PM - 02:10 PM	78.4	80.1	78.1
02:10 PM - 03:10 PM	78.5	79.5	78.2
03:10 PM - 04:10 PM	78.5	80.1	78.3
04:10 PM - 05:10 PM	78.7	80.0	78.5

Leq Average 8 hrs. (dB(A))

78.4

Lmax (dB(A))

80.1

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322347**

Date Received : Mar 23, 2023  
Date Reported : Mar 25, 2023  
Report Number: 2603513-1

Page 1 of 1

**Sample Number** 2322347-4  
**Parameter** Noise (Leq 8 hrs.)  
**Location** GTG #2  
**Measurement Date** Mar 22, 2023  
**Measurement by** Ronnachai Mounigma

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:39 AM - 10:39 AM	81.0	89.2	80.6
10:39 AM - 11:39 AM	81.4	83.5	80.7
11:39 AM - 12:39 PM	81.2	85.4	80.6
12:39 PM - 01:39 PM	81.0	83.1	80.5
01:39 PM - 02:39 PM	81.0	84.9	80.6
02:39 PM - 03:39 PM	81.0	82.7	80.6
03:39 PM - 04:39 PM	81.1	82.8	80.6
04:39 PM - 05:39 PM	81.3	83.1	81.0

Leq Average 8 hrs. (dB(A))

81.1

Lmax (dB(A))

89.2

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

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Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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**Project Location :** CUP 2

**Lot ID: 2322347**

Date Received : Mar 23, 2023  
Date Reported : Mar 25, 2023  
Report Number: 2603514-1

Page 1 of 1

**Sample Number** 2322347-5  
**Parameter** Noise (Leq 8 hrs.)  
**Location** STG #1  
**Measurement Date** Mar 22, 2023  
**Measurement by** Ronnachai Mounigma

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	83.2	84.7	83.0
10:00 AM - 11:00 AM	83.1	84.5	82.9
11:00 AM - 12:00 PM	83.1	84.7	82.9
12:00 PM - 01:00 PM	83.1	84.7	82.8
01:00 PM - 02:00 PM	83.1	84.5	82.8
02:00 PM - 03:00 PM	83.1	84.3	82.9
03:00 PM - 04:00 PM	83.6	85.7	83.0
04:00 PM - 05:00 PM	84.3	86.4	83.6

Leq Average 8 hrs. (dB(A))

83.3

Lmax (dB(A))

86.4

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

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*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322347**

Date Received : Mar 23, 2023

Date Reported : Mar 25, 2023

Report Number: 2603515-1

Page 1 of 1

**Sample Number** 2322347-6  
**Parameter** Noise (Leq 8 hrs.)  
**Location** Air Compressor  
**Measurement Date** Mar 22, 2023  
**Measurement by** Ronnachai Mounigma

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:11 AM - 10:11 AM	75.7	80.8	74.6
10:11 AM - 11:11 AM	75.3	82.2	74.1
11:11 AM - 12:11 PM	75.3	79.7	74.1
12:11 PM - 01:11 PM	75.2	81.9	74.6
01:11 PM - 02:11 PM	75.4	81.7	74.6
02:11 PM - 03:11 PM	74.9	81.4	73.8
03:11 PM - 04:11 PM	75.1	81.8	74.2
04:11 PM - 05:11 PM	75.2	81.0	74.3

Leq Average 8 hrs. (dB(A))

75.3

Lmax (dB(A))

82.2

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

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*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2337739**

Date Received : Apr 05, 2023

Date Reported : Apr 11, 2023

Report Number: 2612426-1

Page 1 of 1

**Sample Number** 2337739-1  
**Parameter** Noise (Leq 8 hrs.)  
**Location** Cooling Tower  
**Measurement Date** Apr 04, 2023  
**Measurement by** Sutdamrong Chokpitinan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	84.6	85.2	84.4
09:00 AM - 10:00 AM	84.4	84.9	84.3
10:00 AM - 11:00 AM	84.4	84.9	84.3
11:00 AM - 12:00 PM	84.4	84.8	84.2
12:00 PM - 01:00 PM	84.3	84.7	84.1
01:00 PM - 02:00 PM	84.3	84.7	84.2
02:00 PM - 03:00 PM	84.4	84.8	84.3
03:00 PM - 04:00 PM	84.5	85.0	84.4

Leq Average 8 hrs. (dB(A))

84.4

Lmax (dB(A))

85.2

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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**Technical Management**

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

**Approved by**

*Supot S.*

Supot Salamteh  
Section Head

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**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322347**

Date Received : Mar 23, 2023  
Date Reported : Mar 25, 2023  
Report Number: 2603517-1

Page 1 of 1

**Sample Number** 2322347-8  
**Parameter** Noise (Leq 8 hrs.)  
**Location** Auxiliary Boiler  
**Measurement Date** Mar 22, 2023  
**Measurement by** Ronnachai Mounigma

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:23 AM - 10:23 AM	82.9	83.9	82.7
10:23 AM - 11:23 AM	82.8	88.0	82.6
11:23 AM - 12:23 PM	82.8	93.4	82.4
12:23 PM - 01:23 PM	82.6	83.5	82.4
01:23 PM - 02:23 PM	82.5	83.4	82.2
02:23 PM - 03:23 PM	82.5	83.5	82.3
03:23 PM - 04:23 PM	82.6	83.6	82.4
04:23 PM - 05:23 PM	82.8	83.7	82.6

Leq Average 8 hrs. (dB(A))

82.7

Lmax (dB(A))

93.4

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

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*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363223**

Date Received : Jun 20, 2023  
Date Reported : Jun 23, 2023  
Report Number: 2693831-1

Page 1 of 1

**Sample Number** 2363223-1  
**Parameter** Noise (Leq 8 hrs.)  
**Location** HRSG #1  
**Measurement Date** Jun 19, 2023  
**Measurement by** Ronnachai Mounigma

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	82.0	82.8	81.8
10:00 AM - 11:00 AM	81.8	82.7	81.6
11:00 AM - 12:00 PM	81.7	82.3	81.6
12:00 PM - 01:00 PM	81.7	82.3	81.5
01:00 PM - 02:00 PM	81.7	82.2	81.5
02:00 PM - 03:00 PM	81.6	82.2	81.5
03:00 PM - 04:00 PM	81.7	82.3	81.5
04:00 PM - 05:00 PM	81.7	82.3	81.6

Leq Average 8 hrs. (dB(A))

81.7

Lmax (dB(A))

82.8

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

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Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
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**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363223**

Date Received : Jun 20, 2023

Date Reported : Jun 23, 2023

Report Number: 2693832-1

Page 1 of 1

**Sample Number** 2363223-2  
**Parameter** Noise (Leq 8 hrs.)  
**Location** HRSG #2  
**Measurement Date** Jun 19, 2023  
**Measurement by** Ronnachai Mounigma

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:16 AM - 10:16 AM	81.5	82.1	81.4
10:16 AM - 11:16 AM	81.4	81.9	81.3
11:16 AM - 12:16 PM	81.3	81.9	81.2
12:16 PM - 01:16 PM	81.2	81.7	81.1
01:16 PM - 02:16 PM	81.1	81.6	81.0
02:16 PM - 03:16 PM	81.3	81.7	81.2
03:16 PM - 04:16 PM	81.4	81.8	81.3
04:16 PM - 05:16 PM	81.4	81.8	81.3

Leq Average 8 hrs. (dB(A))

81.3

Lmax (dB(A))

82.1

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

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Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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## Analysis / Test Report

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92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150  
**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363223**

Date Received : Jun 20, 2023  
Date Reported : Jun 23, 2023  
Report Number: 2693833-1

Page 1 of 1

**Sample Number** 2363223-3  
**Parameter** Noise (Leq 8 hrs.)  
**Location** GTG #1  
**Measurement Date** Jun 19, 2023  
**Measurement by** Ronnachai Mounigma

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	79.1	81.2	78.9
10:00 AM - 11:00 AM	79.0	80.2	78.8
11:00 AM - 12:00 PM	79.0	80.3	78.7
12:00 PM - 01:00 PM	79.1	80.6	78.8
01:00 PM - 02:00 PM	79.1	80.3	78.8
02:00 PM - 03:00 PM	79.2	80.4	78.9
03:00 PM - 04:00 PM	79.3	80.4	79.0
04:00 PM - 05:00 PM	79.4	80.8	79.1

Leq Average 8 hrs. (dB(A))

79.2

Lmax (dB(A))

81.2

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363223**

Date Received : Jun 20, 2023

Date Reported : Jun 23, 2023

Report Number: 2693834-1

Page 1 of 1

**Sample Number** 2363223-4  
**Parameter** Noise (Leq 8 hrs.)  
**Location** GTG #2  
**Measurement Date** Jun 19, 2023  
**Measurement by** Ronnachai Mounigma

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:20 AM - 10:20 AM	81.1	82.6	80.8
10:20 AM - 11:20 AM	80.9	82.5	80.6
11:20 AM - 12:20 PM	80.9	82.5	80.5
12:20 PM - 01:20 PM	81.0	82.9	80.5
01:20 PM - 02:20 PM	81.0	82.7	80.5
02:20 PM - 03:20 PM	81.0	82.7	80.6
03:20 PM - 04:20 PM	81.0	82.7	80.7
04:20 PM - 05:20 PM	81.1	83.2	80.7

Leq Average 8 hrs. (dB(A))

81.0

Lmax (dB(A))

83.2

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรฐานการคุ้มครองความปลอดภัย  
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Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363223**

Date Received : Jun 20, 2023  
Date Reported : Jun 23, 2023  
Report Number: 2693835-1

Page 1 of 1

**Sample Number** 2363223-5  
**Parameter** Noise (Leq 8 hrs.)  
**Location** STG #1  
**Measurement Date** Jun 19, 2023  
**Measurement by** Ronnachai Mounigma

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	81.4	82.2	81.2
10:00 AM - 11:00 AM	81.4	82.5	81.3
11:00 AM - 12:00 PM	81.4	82.2	81.2
12:00 PM - 01:00 PM	81.3	82.9	81.1
01:00 PM - 02:00 PM	81.3	82.1	81.1
02:00 PM - 03:00 PM	81.3	82.0	81.1
03:00 PM - 04:00 PM	81.5	82.3	81.3
04:00 PM - 05:00 PM	81.5	82.3	81.4

Leq Average 8 hrs. (dB(A))

81.4

Lmax (dB(A))

82.9

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363223**

Date Received : Jun 20, 2023  
Date Reported : Jun 23, 2023  
Report Number: 2693836-1

Page 1 of 1

**Sample Number** 2363223-6  
**Parameter** Noise (Leq 8 hrs.)  
**Location** Air Compressor  
**Measurement Date** Jun 19, 2023  
**Measurement by** Ronnachai Mounigma

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	78.5	85.8	76.6
10:00 AM - 11:00 AM	78.1	85.6	75.6
11:00 AM - 12:00 PM	77.3	85.6	75.9
12:00 PM - 01:00 PM	77.8	85.4	76.3
01:00 PM - 02:00 PM	77.8	85.4	76.8
02:00 PM - 03:00 PM	77.8	85.8	75.7
03:00 PM - 04:00 PM	78.0	86.0	76.3
04:00 PM - 05:00 PM	78.1	85.8	76.5

Leq Average 8 hrs. (dB(A))

77.9

Lmax (dB(A))

86.0

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363223**

Date Received : Jun 20, 2023  
Date Reported : Jun 23, 2023  
Report Number: 2693837-1

Page 1 of 1

**Sample Number** 2363223-7  
**Parameter** Noise (Leq 8 hrs.)  
**Location** Cooling Tower  
**Measurement Date** Jun 19, 2023  
**Measurement by** Ronnachai Mounigma

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:01 AM - 10:01 AM	84.7	85.1	84.6
10:01 AM - 11:01 AM	84.6	85.6	84.5
11:01 AM - 12:01 PM	84.5	84.9	84.4
12:01 PM - 01:01 PM	84.5	85.0	84.4
01:01 PM - 02:01 PM	84.4	84.8	84.4
02:01 PM - 03:01 PM	84.5	85.0	84.4
03:01 PM - 04:01 PM	84.6	85.0	84.5
04:01 PM - 05:01 PM	84.7	85.1	84.6

Leq Average 8 hrs. (dB(A))

84.6

Lmax (dB(A))

85.6

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363223**

Date Received : Jun 20, 2023

Date Reported : Jun 23, 2023

Report Number: 2693838-1

Page 1 of 1

**Sample Number** 2363223-8  
**Parameter** Noise (Leq 8 hrs.)  
**Location** Auxiliary Boiler  
**Measurement Date** Jun 19, 2023  
**Measurement by** Ronnachai Mounigma

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:09 AM - 10:09 AM	83.6	84.1	83.4
10:09 AM - 11:09 AM	83.5	84.1	83.3
11:09 AM - 12:09 PM	83.4	84.1	83.3
12:09 PM - 01:09 PM	83.3	83.9	83.2
01:09 PM - 02:09 PM	83.3	83.8	83.2
02:09 PM - 03:09 PM	83.3	83.9	83.2
03:09 PM - 04:09 PM	83.4	83.9	83.3
04:09 PM - 05:09 PM	83.5	84.2	83.3

Leq Average 8 hrs. (dB(A))

83.4

Lmax (dB(A))

84.2

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**TESTING**

**No.0042**

**Lot ID: 22154356**

Date Received : Jan 10, 2023

Date Reported : Jan 17, 2023

Report Number : 2531870-1

Page 1 of 1

<b>Sample Number</b>	22154356-1
<b>Sampled Date</b>	Jan 10, 2023 9:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 10, 2023
<b>Condition of Sample</b>	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	5	22	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	684	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

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 ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 22154269**

Date Received : Jan 01, 2023

Date Reported : Jan 04, 2023

Report Number : 2531856-1

Page 1 of 1

<b>Sample Number</b>	22154269-1
<b>Sampled Date</b>	Jan 01, 2023 8:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 01, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	31.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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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

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154269**

Date Received : Jan 01, 2023

Date Reported : Jan 04, 2023

Report Number : 2531856-2

Page 1 of 1

<b>Sample Number</b>	22154269-1
<b>Sampled Date</b>	Jan 01, 2023 8:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 03, 2023
<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	5.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154633**

Date Received : Jan 02, 2023

Date Reported : Jan 04, 2023

Report Number : 2533138-1

Page 1 of 1

<b>Sample Number</b>	22154633-1
<b>Sampled Date</b>	Jan 02, 2023 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 02, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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## 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: 22154633**

Date Received : Jan 02, 2023

Date Reported : Jan 04, 2023

Report Number : 2533138-2

Page 1 of 1

<b>Sample Number</b>	22154633-1
<b>Sampled Date</b>	Jan 02, 2023 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 03, 2023
<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	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

TESTING

No.0042

**Lot ID: 22154634**

Date Received : Jan 03, 2023

Date Reported : Jan 05, 2023

Report Number : 2533140-1

**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>	22154634-1
<b>Sampled Date</b>	Jan 03, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 03, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

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 ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154634**

Date Received : Jan 03, 2023

Date Reported : Jan 05, 2023

Report Number : 2533140-2

Page 1 of 1

<b>Sample Number</b>	22154634-1
<b>Sampled Date</b>	Jan 03, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 05, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnathakunchai ทะเบียนเลขที่ ว-323-จ-9461

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154635**

Date Received : Jan 04, 2023

Date Reported : Jan 06, 2023

Report Number : 2533144-1

Page 1 of 1

<b>Sample Number</b>	22154635-1
<b>Sampled Date</b>	Jan 04, 2023 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 04, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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Technical Management

*N. Banongkit*

Narumon Banongkit

Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154635**

Date Received : Jan 04, 2023

Date Reported : Jan 06, 2023

Report Number : 2533144-2

Page 1 of 1

<b>Sample Number</b>	22154635-1
<b>Sampled Date</b>	Jan 04, 2023 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 05, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnathakunchai ทะเบียนเลขที่ ว-323-จ-9461

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 22154636**

Date Received : Jan 05, 2023

Date Reported : Jan 09, 2023

Report Number : 2533166-1

Page 1 of 1

<b>Sample Number</b>	22154636-1
<b>Sampled Date</b>	Jan 05, 2023 10:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 05, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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

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

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154636**

Date Received : Jan 05, 2023

Date Reported : Jan 09, 2023

Report Number : 2533166-2

Page 1 of 1

<b>Sample Number</b>	22154636-1
<b>Sampled Date</b>	Jan 05, 2023 10:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 06, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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Narumon Banchongkit  
Supervisor

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

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154637**

Date Received : Jan 06, 2023

Date Reported : Jan 10, 2023

Report Number : 2533168-1

Page 1 of 1

<b>Sample Number</b>	22154637-1
<b>Sampled Date</b>	Jan 06, 2023 9:45 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 06, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154637**

Date Received : Jan 06, 2023

Date Reported : Jan 10, 2023

Report Number : 2533168-2

Page 1 of 1

<b>Sample Number</b>	22154637-1
<b>Sampled Date</b>	Jan 06, 2023 9:45 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 07, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

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Supervisor

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154638**

Date Received : Jan 07, 2023

Date Reported : Jan 11, 2023

Report Number : 2533171-1

Page 1 of 1

<b>Sample Number</b>	22154638-1
<b>Sampled Date</b>	Jan 07, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 07, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	31.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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## 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: 22154638**

Date Received : Jan 07, 2023

Date Reported : Jan 11, 2023

Report Number : 2533171-2

Page 1 of 1

<b>Sample Number</b>	22154638-1
<b>Sampled Date</b>	Jan 07, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 10, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :**

Remark :

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

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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: 22154639**

Date Received : Jan 08, 2023

Date Reported : Jan 12, 2023

Report Number : 2533179-1

Page 1 of 1

<b>Sample Number</b>	22154639-1
<b>Sampled Date</b>	Jan 08, 2023 9:35 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 08, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154639**

Date Received : Jan 08, 2023

Date Reported : Jan 12, 2023

Report Number : 2533179-2

Page 1 of 1

<b>Sample Number</b>	22154639-1
<b>Sampled Date</b>	Jan 08, 2023 9:35 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 10, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :**

Remark :

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*N. Banchongkit*

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Supervisor

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## 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: 22154640**

Date Received : Jan 09, 2023

Date Reported : Jan 12, 2023

Report Number : 2533183-1

Page 1 of 1

<b>Sample Number</b>	22154640-1
<b>Sampled Date</b>	Jan 09, 2023 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 09, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

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

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154640**

Date Received : Jan 09, 2023

Date Reported : Jan 12, 2023

Report Number : 2533183-2

Page 1 of 1

<b>Sample Number</b>	22154640-1
<b>Sampled Date</b>	Jan 09, 2023 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 10, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :**

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Supervisor

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## 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: 22154641**

Date Received : Jan 10, 2023

Date Reported : Jan 13, 2023

Report Number : 2533189-1

Page 1 of 1

<b>Sample Number</b>	22154641-1
<b>Sampled Date</b>	Jan 10, 2023 9:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 10, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

- LOD : Limit of Detection
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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

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154641**

Date Received : Jan 10, 2023

Date Reported : Jan 13, 2023

Report Number : 2533189-2

Page 1 of 1

<b>Sample Number</b>	22154641-1
<b>Sampled Date</b>	Jan 10, 2023 9:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 11, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :**

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*N. Banchongkit*

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Supervisor

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## Analysis / Test Report

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

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154642**

Date Received : Jan 11, 2023

Date Reported : Jan 13, 2023

Report Number : 2533218-1

Page 1 of 1

<b>Sample Number</b>	22154642-1
<b>Sampled Date</b>	Jan 11, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 11, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154642**

Date Received : Jan 11, 2023

Date Reported : Jan 13, 2023

Report Number : 2533218-2

Page 1 of 1

<b>Sample Number</b>	22154642-1
<b>Sampled Date</b>	Jan 11, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 12, 2023
<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	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :**

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

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

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154643**

Date Received : Jan 12, 2023

Date Reported : Jan 16, 2023

Report Number : 2533217-1

Page 1 of 1

<b>Sample Number</b>	22154643-1
<b>Sampled Date</b>	Jan 12, 2023 9:35 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 12, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

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

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

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

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154643**

Date Received : Jan 12, 2023

Date Reported : Jan 16, 2023

Report Number : 2533217-2

Page 1 of 1

<b>Sample Number</b>	22154643-1
<b>Sampled Date</b>	Jan 12, 2023 9:35 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 13, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :**

Remark :

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

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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: 22154644**

Date Received : Jan 13, 2023

Date Reported : Jan 17, 2023

Report Number : 2533216-1

Page 1 of 1

<b>Sample Number</b>	22154644-1
<b>Sampled Date</b>	Jan 13, 2023 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 13, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

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

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

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

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154644**

Date Received : Jan 13, 2023

Date Reported : Jan 17, 2023

Report Number : 2533216-2

Page 1 of 1

<b>Sample Number</b>	22154644-1
<b>Sampled Date</b>	Jan 13, 2023 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 14, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :**

Remark :

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

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

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

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154645**

Date Received : Jan 14, 2023

Date Reported : Jan 18, 2023

Report Number : 2533215-1

Page 1 of 1

<b>Sample Number</b>	22154645-1
<b>Sampled Date</b>	Jan 14, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 14, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154645**

Date Received : Jan 14, 2023

Date Reported : Jan 18, 2023

Report Number : 2533215-2

Page 1 of 1

<b>Sample Number</b>	22154645-1
<b>Sampled Date</b>	Jan 14, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 17, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154646**

Date Received : Jan 15, 2023

Date Reported : Jan 19, 2023

Report Number : 2533212-1

Page 1 of 1

<b>Sample Number</b>	22154646-1
<b>Sampled Date</b>	Jan 15, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 15, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154646**

Date Received : Jan 15, 2023

Date Reported : Jan 19, 2023

Report Number : 2533212-2

Page 1 of 1

<b>Sample Number</b>	22154646-1
<b>Sampled Date</b>	Jan 15, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 17, 2023
<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	5.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :**

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154647**

Date Received : Jan 16, 2023

Date Reported : Jan 19, 2023

Report Number : 2533211-1

Page 1 of 1

<b>Sample Number</b>	22154647-1
<b>Sampled Date</b>	Jan 16, 2023 9:16 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 16, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154647**

Date Received : Jan 16, 2023

Date Reported : Jan 19, 2023

Report Number : 2533211-2

Page 1 of 1

<b>Sample Number</b>	22154647-1
<b>Sampled Date</b>	Jan 16, 2023 9:16 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 17, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :**

Remark :

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Supervisor

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

**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 22154648**

Date Received : Jan 17, 2023

Date Reported : Jan 20, 2023

Report Number : 2533209-1

Page 1 of 1

<b>Sample Number</b>	22154648-1
<b>Sampled Date</b>	Jan 17, 2023 8:59 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 17, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

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

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154648**

Date Received : Jan 17, 2023

Date Reported : Jan 20, 2023

Report Number : 2533209-2

Page 1 of 1

<b>Sample Number</b>	22154648-1
<b>Sampled Date</b>	Jan 17, 2023 8:59 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 18, 2023
<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	6.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :**

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Narumon Banchongkit  
Supervisor

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154649**

Date Received : Jan 18, 2023

Date Reported : Jan 20, 2023

Report Number : 2533207-1

Page 1 of 1

<b>Sample Number</b>	22154649-1
<b>Sampled Date</b>	Jan 18, 2023 9:06 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 18, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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## 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: 22154649**

Date Received : Jan 18, 2023

Date Reported : Jan 20, 2023

Report Number : 2533207-2

Page 1 of 1

<b>Sample Number</b>	22154649-1
<b>Sampled Date</b>	Jan 18, 2023 9:06 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 19, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :**

Remark :

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

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154650**

Date Received : Jan 19, 2023

Date Reported : Jan 22, 2023

Report Number : 2533205-1

Page 1 of 1

<b>Sample Number</b>	22154650-1
<b>Sampled Date</b>	Jan 19, 2023 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 19, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154650**

Date Received : Jan 19, 2023

Date Reported : Jan 22, 2023

Report Number : 2533205-2

Page 1 of 1

<b>Sample Number</b>	22154650-1
<b>Sampled Date</b>	Jan 19, 2023 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 20, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

Remark :

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

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**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**TESTING**

**No.0042**

**Lot ID: 22154651**

Date Received : Jan 20, 2023

Date Reported : Jan 24, 2023

Report Number : 2533191-1

Page 1 of 1

<b>Sample Number</b>	22154651-1
<b>Sampled Date</b>	Jan 20, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 20, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

**Remark :**

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- 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 ว-323-จ-9445

**Approved by**

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154651**

Date Received : Jan 20, 2023

Date Reported : Jan 24, 2023

Report Number : 2533191-2

Page 1 of 1

<b>Sample Number</b>	22154651-1
<b>Sampled Date</b>	Jan 20, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 24, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :**

Remark :

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154652**

Date Received : Jan 21, 2023

Date Reported : Jan 25, 2023

Report Number : 2533187-1

Page 1 of 1

<b>Sample Number</b>	22154652-1
<b>Sampled Date</b>	Jan 21, 2023 8:37 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 21, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

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

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154652**

Date Received : Jan 21, 2023

Date Reported : Jan 25, 2023

Report Number : 2533187-2

Page 1 of 1

<b>Sample Number</b>	22154652-1
<b>Sampled Date</b>	Jan 21, 2023 8:37 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 24, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :**

Remark :

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Narumon Banchongkit  
Supervisor

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

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154653**

Date Received : Jan 22, 2023

Date Reported : Jan 25, 2023

Report Number : 2533186-1

Page 1 of 1

<b>Sample Number</b>	22154653-1
<b>Sampled Date</b>	Jan 22, 2023 8:35 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 22, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	31.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

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

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154653**

Date Received : Jan 22, 2023

Date Reported : Jan 25, 2023

Report Number : 2533186-2

Page 1 of 1

<b>Sample Number</b>	22154653-1
<b>Sampled Date</b>	Jan 22, 2023 8:35 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 24, 2023
<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	5.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :**

Remark :

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Supervisor

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**P/O :**

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 22154654**

Date Received : Jan 23, 2023

Date Reported : Jan 25, 2023

Report Number : 2533184-1

Page 1 of 1

<b>Sample Number</b>	22154654-1
<b>Sampled Date</b>	Jan 23, 2023 9:42 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 23, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

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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

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## 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: 22154654**

Date Received : Jan 23, 2023

Date Reported : Jan 25, 2023

Report Number : 2533184-2

Page 1 of 1

<b>Sample Number</b>	22154654-1
<b>Sampled Date</b>	Jan 23, 2023 9:42 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 24, 2023
<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	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :**

Remark :

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

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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: 22154655**

Date Received : Jan 24, 2023

Date Reported : Jan 27, 2023

Report Number : 2533182-1

Page 1 of 1

<b>Sample Number</b>	22154655-1
<b>Sampled Date</b>	Jan 24, 2023 8:55 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 24, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154655**

Date Received : Jan 24, 2023

Date Reported : Jan 27, 2023

Report Number : 2533182-2

Page 1 of 1

<b>Sample Number</b>	22154655-1
<b>Sampled Date</b>	Jan 24, 2023 8:55 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 26, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

Remark :

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

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*N. Banchongkit*

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Supervisor

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## 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: 22154656**

Date Received : Jan 25, 2023

Date Reported : Jan 27, 2023

Report Number : 2533181-1

Page 1 of 1

<b>Sample Number</b>	22154656-1
<b>Sampled Date</b>	Jan 25, 2023 9:07 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 25, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	31.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154656**

Date Received : Jan 25, 2023

Date Reported : Jan 27, 2023

Report Number : 2533181-2

Page 1 of 1

<b>Sample Number</b>	22154656-1
<b>Sampled Date</b>	Jan 25, 2023 9:07 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 26, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

Remark :

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154657**

Date Received : Jan 26, 2023

Date Reported : Jan 30, 2023

Report Number : 2533177-1

Page 1 of 1

<b>Sample Number</b>	22154657-1
<b>Sampled Date</b>	Jan 26, 2023 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 26, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	31.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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

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

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154657**

Date Received : Jan 26, 2023

Date Reported : Jan 30, 2023

Report Number : 2533177-2

Page 1 of 1

<b>Sample Number</b>	22154657-1
<b>Sampled Date</b>	Jan 26, 2023 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 27, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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: 22154658**

Date Received : Jan 27, 2023

Date Reported : Jan 31, 2023

Report Number : 2533175-1

Page 1 of 1

<b>Sample Number</b>	22154658-1
<b>Sampled Date</b>	Jan 27, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 27, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	31.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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

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

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154658**

Date Received : Jan 27, 2023

Date Reported : Jan 31, 2023

Report Number : 2533175-2

Page 1 of 1

<b>Sample Number</b>	22154658-1
<b>Sampled Date</b>	Jan 27, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 31, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow

Remark :

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

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154659**

Date Received : Jan 28, 2023

Date Reported : Feb 01, 2023

Report Number : 2533172-1

Page 1 of 1

<b>Sample Number</b>	22154659-1
<b>Sampled Date</b>	Jan 28, 2023 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 28, 2023
<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		-	-	7.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	31.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154659**

Date Received : Jan 28, 2023

Date Reported : Feb 01, 2023

Report Number : 2533172-2

Page 1 of 1

<b>Sample Number</b>	22154659-1
<b>Sampled Date</b>	Jan 28, 2023 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 31, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

Remark :

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

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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: 22154660**

Date Received : Jan 29, 2023

Date Reported : Feb 02, 2023

Report Number : 2533167-1

Page 1 of 1

<b>Sample Number</b>	22154660-1
<b>Sampled Date</b>	Jan 29, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 29, 2023
<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		-	-	7.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	30.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154660**

Date Received : Jan 29, 2023

Date Reported : Feb 02, 2023

Report Number : 2533167-2

Page 1 of 1

<b>Sample Number</b>	22154660-1
<b>Sampled Date</b>	Jan 29, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 31, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
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**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: 22154661**

Date Received : Jan 30, 2023

Date Reported : Feb 02, 2023

Report Number : 2533146-1

Page 1 of 1

<b>Sample Number</b>	22154661-1
<b>Sampled Date</b>	Jan 30, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 30, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	29.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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

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

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

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154661**

Date Received : Jan 30, 2023

Date Reported : Feb 02, 2023

Report Number : 2533146-2

Page 1 of 1

<b>Sample Number</b>	22154661-1
<b>Sampled Date</b>	Jan 30, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 31, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow

Remark :

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Narumon Banchongkit  
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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154662**

Date Received : Jan 31, 2023

Date Reported : Feb 03, 2023

Report Number : 2533143-1

Page 1 of 1

<b>Sample Number</b>	22154662-1
<b>Sampled Date</b>	Jan 31, 2023 8:58 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jan 31, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	29.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 22154662**

Date Received : Jan 31, 2023

Date Reported : Feb 03, 2023

Report Number : 2533143-2

Page 1 of 1

<b>Sample Number</b>	22154662-1
<b>Sampled Date</b>	Jan 31, 2023 8:58 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 02, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 231492**

Date Received : Feb 14, 2023

Date Reported : Feb 21, 2023

Report Number : 2535303-1

Page 1 of 1

<b>Sample Number</b>	231492-1
<b>Sampled Date</b>	Feb 14, 2023 9:40 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 14, 2023
<b>Condition of Sample</b>	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	<25	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
Residual Free Chlorine *	mg/L	-	0.1	0.2	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	528	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

- LOD : Limit of Detection
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- 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 ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 231507**

Date Received : Feb 01, 2023

Date Reported : Feb 04, 2023

Report Number : 2535316-1

Page 1 of 1

<b>Sample Number</b>	231507-1
<b>Sampled Date</b>	Feb 01, 2023 9:12 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 01, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	31.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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## Analysis / Test Report

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

**P/O :**

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 231507**

Date Received : Feb 01, 2023

Date Reported : Feb 04, 2023

Report Number : 2535316-2

Page 1 of 1

<b>Sample Number</b>	231507-1
<b>Sampled Date</b>	Feb 01, 2023 9:12 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 02, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

Remark :

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150  
**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231508**

Date Received : Feb 02, 2023

Date Reported : Feb 06, 2023

Report Number : 2535320-1

Page 1 of 1

**Sample Number** 231508-1  
**Sampled Date** Feb 02, 2023 9:25 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Feb 02, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231508**

Date Received : Feb 02, 2023

Date Reported : Feb 06, 2023

Report Number : 2535320-2

Page 1 of 1

<b>Sample Number</b>	231508-1
<b>Sampled Date</b>	Feb 02, 2023 9:25 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 03, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 231509**

Date Received : Feb 03, 2023

Date Reported : Feb 07, 2023

Report Number : 2535328-1

Page 1 of 1

<b>Sample Number</b>	231509-1
<b>Sampled Date</b>	Feb 03, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 03, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231509**

Date Received : Feb 03, 2023

Date Reported : Feb 07, 2023

Report Number : 2535328-2

Page 1 of 1

<b>Sample Number</b>	231509-1
<b>Sampled Date</b>	Feb 03, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 04, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231510**

Date Received : Feb 04, 2023

Date Reported : Feb 07, 2023

Report Number : 2535334-1

Page 1 of 1

**Sample Number** 231510-1  
**Sampled Date** Feb 04, 2023 9:00 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Feb 04, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231510**

Date Received : Feb 04, 2023

Date Reported : Feb 07, 2023

Report Number : 2535334-2

Page 1 of 1

**Sample Number** 231510-1  
**Sampled Date** Feb 04, 2023 9:00 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Feb 07, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 231511**

Date Received : Feb 06, 2023

Date Reported : Feb 08, 2023

Report Number : 2535343-1

Page 1 of 1

<b>Sample Number</b>	231511-1
<b>Sampled Date</b>	Feb 05, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 06, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231511**

Date Received : Feb 06, 2023

Date Reported : Feb 08, 2023

Report Number : 2535343-2

Page 1 of 1

**Sample Number** 231511-1  
**Sampled Date** Feb 05, 2023 9:00 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Feb 07, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

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Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 231512**

Date Received : Feb 06, 2023

Date Reported : Feb 08, 2023

Report Number : 2535348-1

Page 1 of 1

<b>Sample Number</b>	231512-1
<b>Sampled Date</b>	Feb 06, 2023 9:18 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 06, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location:** CUP 2

**Lot ID: 231512**

Date Received : Feb 06, 2023

Date Reported : Feb 08, 2023

Report Number : 2535348-2

Page 1 of 1

**Sample Number** 231512-1  
**Sampled Date** Feb 06, 2023 9:18 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Feb 07, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow

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Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231513**

Date Received : Feb 07, 2023

Date Reported : Feb 10, 2023

Report Number : 2535355-1

Page 1 of 1

**Sample Number** 231513-1  
**Sampled Date** Feb 07, 2023 9:15 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Feb 07, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231513**

Date Received : Feb 07, 2023

Date Reported : Feb 10, 2023

Report Number : 2535355-2

Page 1 of 1

**Sample Number** 231513-1  
**Sampled Date** Feb 07, 2023 9:15 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Feb 08, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnathakunchai

Remark :

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

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231514**

Date Received : Feb 08, 2023

Date Reported : Feb 10, 2023

Report Number : 2535361-1

Page 1 of 1

**Sample Number** 231514-1  
**Sampled Date** Feb 08, 2023 9:35 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Feb 08, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231514**

Date Received : Feb 08, 2023

Date Reported : Feb 10, 2023

Report Number : 2535361-2

Page 1 of 1

<b>Sample Number</b>	231514-1
<b>Sampled Date</b>	Feb 08, 2023 9:35 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 09, 2023
<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	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

Remark :

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 231515**

Date Received : Feb 09, 2023

Date Reported : Feb 13, 2023

Report Number : 2535365-1

Page 1 of 1

<b>Sample Number</b>	231515-1
<b>Sampled Date</b>	Feb 09, 2023 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 09, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231515**

Date Received : Feb 09, 2023

Date Reported : Feb 13, 2023

Report Number : 2535365-2

Page 1 of 1

**Sample Number** 231515-1  
**Sampled Date** Feb 09, 2023 9:15 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Feb 10, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 231516**

Date Received : Feb 10, 2023

Date Reported : Feb 14, 2023

Report Number : 2535368-1

Page 1 of 1

<b>Sample Number</b>	231516-1
<b>Sampled Date</b>	Feb 10, 2023 9:45 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 10, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231516**

Date Received : Feb 10, 2023

Date Reported : Feb 14, 2023

Report Number : 2535368-2

Page 1 of 1

<b>Sample Number</b>	231516-1
<b>Sampled Date</b>	Feb 10, 2023 9:45 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 14, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 231517**

Date Received : Feb 11, 2023

Date Reported : Feb 15, 2023

Report Number : 2535374-1

Page 1 of 1

<b>Sample Number</b>	231517-1
<b>Sampled Date</b>	Feb 11, 2023 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 11, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Narunat thammassaro ทะเบียนเลขที่ ว-323-จ-9477

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231517**

Date Received : Feb 11, 2023

Date Reported : Feb 15, 2023

Report Number : 2535374-2

Page 1 of 1

**Sample Number** 231517-1  
**Sampled Date** Feb 11, 2023 9:10 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Feb 14, 2023  
**Condition of Sample** 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	6.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Narunat thammassaro

Remark :

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Narumon Banchongkit  
Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 231518**

Date Received : Feb 12, 2023

Date Reported : Feb 16, 2023

Report Number : 2535373-1

Page 1 of 1

<b>Sample Number</b>	231518-1
<b>Sampled Date</b>	Feb 12, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 12, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Narunat thammassaro ทะเบียนเลขที่ ว-323-จ-9477

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231518**

Date Received : Feb 12, 2023

Date Reported : Feb 16, 2023

Report Number : 2535373-2

Page 1 of 1

**Sample Number** 231518-1  
**Sampled Date** Feb 12, 2023 9:00 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Feb 14, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Narunat thammassaro

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 231519**

Date Received : Feb 13, 2023

Date Reported : Feb 16, 2023

Report Number : 2535367-1

Page 1 of 1

<b>Sample Number</b>	231519-1
<b>Sampled Date</b>	Feb 13, 2023 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 13, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location:** CUP 2

**Lot ID: 231519**

Date Received : Feb 13, 2023

Date Reported : Feb 16, 2023

Report Number : 2535367-2

Page 1 of 1

**Sample Number** 231519-1  
**Sampled Date** Feb 13, 2023 9:15 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Feb 14, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 231520**

Date Received : Feb 14, 2023

Date Reported : Feb 17, 2023

Report Number : 2535364-1

Page 1 of 1

<b>Sample Number</b>	231520-1
<b>Sampled Date</b>	Feb 14, 2023 9:40 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 14, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

- LOD : Limit of Detection
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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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231520**

Date Received : Feb 14, 2023

Date Reported : Feb 17, 2023

Report Number : 2535364-2

Page 1 of 1

**Sample Number** 231520-1  
**Sampled Date** Feb 14, 2023 9:40 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Feb 16, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai

Remark :

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Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231521**

Date Received : Feb 15, 2023

Date Reported : Feb 17, 2023

Report Number : 2535360-1

Page 1 of 1

**Sample Number** 231521-1  
**Sampled Date** Feb 15, 2023 9:10 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Feb 15, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 231521**

Date Received : Feb 15, 2023

Date Reported : Feb 17, 2023

Report Number : 2535360-2

Page 1 of 1

<b>Sample Number</b>	231521-1
<b>Sampled Date</b>	Feb 15, 2023 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 16, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

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Supervisor

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231522**

Date Received : Feb 16, 2023

Date Reported : Feb 18, 2023

Report Number : 2535358-1

Page 1 of 1

**Sample Number** 231522-1  
**Sampled Date** Feb 16, 2023 9:20 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Feb 16, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231522**

Date Received : Feb 16, 2023

Date Reported : Feb 18, 2023

Report Number : 2535358-2

Page 1 of 1

**Sample Number** 231522-1  
**Sampled Date** Feb 16, 2023 9:20 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Feb 17, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai

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Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 231524**

Date Received : Feb 17, 2023

Date Reported : Feb 21, 2023

Report Number : 2535356-1

Page 1 of 1

<b>Sample Number</b>	231524-1
<b>Sampled Date</b>	Feb 17, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 17, 2023
<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		-	-	7.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231524**

Date Received : Feb 17, 2023

Date Reported : Feb 21, 2023

Report Number : 2535356-2

Page 1 of 1

**Sample Number** 231524-1  
**Sampled Date** Feb 17, 2023 9:00 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Feb 18, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnathakunchai

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Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 231525**

Date Received : Feb 18, 2023

Date Reported : Feb 22, 2023

Report Number : 2535353-1

Page 1 of 1

<b>Sample Number</b>	231525-1
<b>Sampled Date</b>	Feb 18, 2023 9:25 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 18, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	31.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

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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

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231525**

Date Received : Feb 18, 2023

Date Reported : Feb 22, 2023

Report Number : 2535353-2

Page 1 of 1

**Sample Number** 231525-1  
**Sampled Date** Feb 18, 2023 9:25 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Feb 21, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

Remark :

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

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 231526**

Date Received : Feb 20, 2023

Date Reported : Feb 22, 2023

Report Number : 2535350-1

Page 1 of 1

<b>Sample Number</b>	231526-1
<b>Sampled Date</b>	Feb 19, 2023 9:35 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 20, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231526**

Date Received : Feb 20, 2023

Date Reported : Feb 22, 2023

Report Number : 2535350-2

Page 1 of 1

**Sample Number** 231526-1  
**Sampled Date** Feb 19, 2023 9:35 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Feb 21, 2023  
**Condition of Sample** 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	6.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

Remark :

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Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 231527**

Date Received : Feb 20, 2023

Date Reported : Feb 23, 2023

Report Number : 2535347-1

Page 1 of 1

<b>Sample Number</b>	231527-1
<b>Sampled Date</b>	Feb 20, 2023 9:09 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 20, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231527**

Date Received : Feb 20, 2023

Date Reported : Feb 23, 2023

Report Number : 2535347-2

Page 1 of 1

**Sample Number** 231527-1  
**Sampled Date** Feb 20, 2023 9:09 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Feb 21, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 231528**

Date Received : Feb 21, 2023

Date Reported : Feb 24, 2023

Report Number : 2535339-1

Page 1 of 1

<b>Sample Number</b>	231528-1
<b>Sampled Date</b>	Feb 21, 2023 9:09 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 21, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231528**

Date Received : Feb 21, 2023

Date Reported : Feb 24, 2023

Report Number : 2535339-2

Page 1 of 1

<b>Sample Number</b>	231528-1
<b>Sampled Date</b>	Feb 21, 2023 9:09 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 22, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

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Supervisor

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231529**

Date Received : Feb 22, 2023

Date Reported : Feb 24, 2023

Report Number : 2535336-1

Page 1 of 1

**Sample Number** 231529-1  
**Sampled Date** Feb 22, 2023 9:15 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Feb 22, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231529**

Date Received : Feb 22, 2023

Date Reported : Feb 24, 2023

Report Number : 2535336-2

Page 1 of 1

<b>Sample Number</b>	231529-1
<b>Sampled Date</b>	Feb 22, 2023 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 23, 2023
<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	8.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

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Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 231530**

Date Received : Feb 23, 2023

Date Reported : Feb 27, 2023

Report Number : 2535333-1

Page 1 of 1

<b>Sample Number</b>	231530-1
<b>Sampled Date</b>	Feb 23, 2023 9:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 23, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

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

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

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 231530**

Date Received : Feb 23, 2023

Date Reported : Feb 27, 2023

Report Number : 2535333-2

Page 1 of 1

<b>Sample Number</b>	231530-1
<b>Sampled Date</b>	Feb 23, 2023 9:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 25, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai

Remark :

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

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231531**

Date Received : Feb 24, 2023

Date Reported : Feb 28, 2023

Report Number : 2535331-1

Page 1 of 1

**Sample Number** 231531-1  
**Sampled Date** Feb 24, 2023 9:35 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Feb 24, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231531**

Date Received : Feb 24, 2023

Date Reported : Feb 28, 2023

Report Number : 2535331-2

Page 1 of 1

**Sample Number** 231531-1  
**Sampled Date** Feb 24, 2023 9:35 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Feb 25, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

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*N. Banchongkit*

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 231532**

Date Received : Feb 25, 2023

Date Reported : Mar 01, 2023

Report Number : 2535325-1

Page 1 of 1

<b>Sample Number</b>	231532-1
<b>Sampled Date</b>	Feb 25, 2023 8:45 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 25, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231532**

Date Received : Feb 25, 2023

Date Reported : Mar 01, 2023

Report Number : 2535325-2

Page 1 of 1

**Sample Number** 231532-1  
**Sampled Date** Feb 25, 2023 8:45 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Feb 28, 2023  
**Condition of Sample** 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	6.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 231533**

Date Received : Feb 26, 2023

Date Reported : Mar 02, 2023

Report Number : 2535323-1

Page 1 of 1

<b>Sample Number</b>	231533-1
<b>Sampled Date</b>	Feb 26, 2023 8:46 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 26, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	30.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231533**

Date Received : Feb 26, 2023

Date Reported : Mar 02, 2023

Report Number : 2535323-2

Page 1 of 1

**Sample Number** 231533-1  
**Sampled Date** Feb 26, 2023 8:46 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Feb 28, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 231534**

Date Received : Feb 27, 2023

Date Reported : Mar 02, 2023

Report Number : 2535319-1

Page 1 of 1

<b>Sample Number</b>	231534-1
<b>Sampled Date</b>	Feb 27, 2023 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 27, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	30.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 231534**

Date Received : Feb 27, 2023

Date Reported : Mar 02, 2023

Report Number : 2535319-2

Page 1 of 1

<b>Sample Number</b>	231534-1
<b>Sampled Date</b>	Feb 27, 2023 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 28, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

Remark :

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 231535**

Date Received : Feb 28, 2023

Date Reported : Mar 03, 2023

Report Number : 2535317-1

Page 1 of 1

<b>Sample Number</b>	231535-1
<b>Sampled Date</b>	Feb 28, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Feb 28, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	30.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 231535**

Date Received : Feb 28, 2023

Date Reported : Mar 03, 2023

Report Number : 2535317-2

Page 1 of 1

<b>Sample Number</b>	231535-1
<b>Sampled Date</b>	Feb 28, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 01, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2326622**

Date Received : Mar 14, 2023

Date Reported : Mar 21, 2023

Report Number : 2588243-1

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

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

Page 1 of 1

<b>Sample Number</b>	2326622-1
<b>Sampled Date</b>	Mar 14, 2023 9:45 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 14, 2023
<b>Condition of Sample</b>	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	<25	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
Residual Free Chlorine *	mg/L	-	0.1	0.2	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	572	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

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 ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2322864**

Date Received : Mar 01, 2023

Date Reported : Mar 03, 2023

Report Number : 2580362-1

Page 1 of 1

<b>Sample Number</b>	2322864-1
<b>Sampled Date</b>	Mar 01, 2023 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 01, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

- LOD : Limit of Detection
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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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322864**

Date Received : Mar 01, 2023

Date Reported : Mar 03, 2023

Report Number : 2580362-2

Page 1 of 1

**Sample Number** 2322864-1  
**Sampled Date** Mar 01, 2023 9:20 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Mar 02, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

Remark :

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2323552**

Date Received : Mar 02, 2023

Date Reported : Mar 07, 2023

Report Number : 2581572-1

Page 1 of 1

<b>Sample Number</b>	2323552-1
<b>Sampled Date</b>	Mar 02, 2023 9:25 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 02, 2023
<b>Condition of Sample</b>	Contained in one amber glass 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2323552**

Date Received : Mar 02, 2023

Date Reported : Mar 07, 2023

Report Number : 2581572-2

Page 1 of 1

**Sample Number** 2323552-1  
**Sampled Date** Mar 02, 2023 9:25 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Mar 03, 2023  
**Condition of Sample** Contained in one amber glass 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324279**

Date Received : Mar 03, 2023

Date Reported : Mar 08, 2023

Report Number : 2582992-1

Page 1 of 1

**Sample Number** 2324279-1  
**Sampled Date** Mar 03, 2023 9:10 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Mar 03, 2023  
**Condition of Sample** Contained in one BOD bottle and one plastic 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324279**

Date Received : Mar 03, 2023

Date Reported : Mar 08, 2023

Report Number : 2582992-2

Page 1 of 1

**Sample Number** 2324279-1  
**Sampled Date** Mar 03, 2023 9:10 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Mar 04, 2023  
**Condition of Sample** Contained in one BOD bottle and one plastic 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324595**

Date Received : Mar 04, 2023

Date Reported : Mar 09, 2023

Report Number : 2583766-1

Page 1 of 1

<b>Sample Number</b>	2324595-1
<b>Sampled Date</b>	Mar 04, 2023 9:40 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 04, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	31.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324595**

Date Received : Mar 04, 2023

Date Reported : Mar 09, 2023

Report Number : 2583766-2

Page 1 of 1

**Sample Number** 2324595-1  
**Sampled Date** Mar 04, 2023 9:40 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Mar 08, 2023  
**Condition of Sample** 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	8.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnathakunchai

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Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324596**

Date Received : Mar 05, 2023

Date Reported : Mar 09, 2023

Report Number : 2583767-1

Page 1 of 1

<b>Sample Number</b>	2324596-1
<b>Sampled Date</b>	Mar 05, 2023 9:40 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 05, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324596**

Date Received : Mar 05, 2023

Date Reported : Mar 09, 2023

Report Number : 2583767-2

Page 1 of 1

**Sample Number** 2324596-1  
**Sampled Date** Mar 05, 2023 9:40 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Mar 08, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnathakunchai

Remark :

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

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324597**

Date Received : Mar 06, 2023

Date Reported : Mar 09, 2023

Report Number : 2583769-1

Page 1 of 1

<b>Sample Number</b>	2324597-1
<b>Sampled Date</b>	Mar 06, 2023 9:40 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 06, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	31.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324597**

Date Received : Mar 06, 2023

Date Reported : Mar 09, 2023

Report Number : 2583769-2

Page 1 of 1

<b>Sample Number</b>	2324597-1
<b>Sampled Date</b>	Mar 06, 2023 9:40 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 08, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

Remark :

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Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324598**

Date Received : Mar 07, 2023

Date Reported : Mar 10, 2023

Report Number : 2583770-1

Page 1 of 1

<b>Sample Number</b>	2324598-1
<b>Sampled Date</b>	Mar 07, 2023 9:17 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลพิษน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 07, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

**Remark :**

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the 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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324598**

Date Received : Mar 07, 2023

Date Reported : Mar 10, 2023

Report Number : 2583770-2

Page 1 of 1

**Sample Number** 2324598-1  
**Sampled Date** Mar 07, 2023 9:17 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Mar 08, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai

Remark :

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Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324599**

Date Received : Mar 08, 2023

Date Reported : Mar 10, 2023

Report Number : 2583772-1

Page 1 of 1

<b>Sample Number</b>	2324599-1
<b>Sampled Date</b>	Mar 08, 2023 9:35 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 08, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Narunat thammassaro ทะเบียนเลขที่ ว-323-จ-9477

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324599**

Date Received : Mar 08, 2023

Date Reported : Mar 10, 2023

Report Number : 2583772-2

Page 1 of 1

<b>Sample Number</b>	2324599-1
<b>Sampled Date</b>	Mar 08, 2023 9:35 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 09, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Narunat thammassaro

Remark :

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Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324600**

Date Received : Mar 09, 2023

Date Reported : Mar 13, 2023

Report Number : 2583773-1

Page 1 of 1

**Sample Number** 2324600-1  
**Sampled Date** Mar 09, 2023 9:10 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Mar 09, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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

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

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324600**

Date Received : Mar 09, 2023

Date Reported : Mar 13, 2023

Report Number : 2583773-2

Page 1 of 1

<b>Sample Number</b>	2324600-1
<b>Sampled Date</b>	Mar 09, 2023 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 10, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow

Remark :

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Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324601**

Date Received : Mar 10, 2023

Date Reported : Mar 14, 2023

Report Number : 2583774-1

Page 1 of 1

<b>Sample Number</b>	2324601-1
<b>Sampled Date</b>	Mar 10, 2023 9:45 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 10, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	36.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

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

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

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324601**

Date Received : Mar 10, 2023

Date Reported : Mar 14, 2023

Report Number : 2583774-2

Page 1 of 1

<b>Sample Number</b>	2324601-1
<b>Sampled Date</b>	Mar 10, 2023 9:45 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 11, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai

Remark :

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Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324602**

Date Received : Mar 11, 2023

Date Reported : Mar 15, 2023

Report Number : 2583776-1

Page 1 of 1

<b>Sample Number</b>	2324602-1
<b>Sampled Date</b>	Mar 11, 2023 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 11, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

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

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324602**

Date Received : Mar 11, 2023

Date Reported : Mar 15, 2023

Report Number : 2583776-2

Page 1 of 1

**Sample Number** 2324602-1  
**Sampled Date** Mar 11, 2023 9:20 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Mar 14, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324603**

Date Received : Mar 12, 2023

Date Reported : Mar 16, 2023

Report Number : 2583777-1

Page 1 of 1

<b>Sample Number</b>	2324603-1
<b>Sampled Date</b>	Mar 12, 2023 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 12, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

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

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324603**

Date Received : Mar 12, 2023

Date Reported : Mar 16, 2023

Report Number : 2583777-2

Page 1 of 1

<b>Sample Number</b>	2324603-1
<b>Sampled Date</b>	Mar 12, 2023 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำเสียหน้าห้องเครื่องจักร (Holding pond)
<b>Date Analysis Commenced</b>	Mar 14, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnathakunchai

Remark :

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150  
**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324604**

Date Received : Mar 13, 2023

Date Reported : Mar 16, 2023

Report Number : 2583778-1

Page 1 of 1

**Sample Number** 2324604-1  
**Sampled Date** Mar 13, 2023 9:34 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Mar 13, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2324604**

Date Received : Mar 13, 2023

Date Reported : Mar 16, 2023

Report Number : 2583778-2

Page 1 of 1

<b>Sample Number</b>	2324604-1
<b>Sampled Date</b>	Mar 13, 2023 9:34 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 14, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

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Supervisor

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92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150  
**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324605**

Date Received : Mar 14, 2023

Date Reported : Mar 17, 2023

Report Number : 2583779-1

Page 1 of 1

**Sample Number** 2324605-1  
**Sampled Date** Mar 14, 2023 9:45 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Mar 14, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

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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

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92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150  
**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324605**

Date Received : Mar 14, 2023

Date Reported : Mar 17, 2023

Report Number : 2583779-2

Page 1 of 1

**Sample Number** 2324605-1  
**Sampled Date** Mar 14, 2023 9:45 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Mar 15, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai

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Supervisor

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92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150  
**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324606**

Date Received : Mar 15, 2023

Date Reported : Mar 17, 2023

Report Number : 2583780-1

Page 1 of 1

**Sample Number** 2324606-1  
**Sampled Date** Mar 15, 2023 9:10 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Mar 15, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324606**

Date Received : Mar 15, 2023

Date Reported : Mar 17, 2023

Report Number : 2583780-2

Page 1 of 1

<b>Sample Number</b>	2324606-1
<b>Sampled Date</b>	Mar 15, 2023 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 16, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

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Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324607**

Date Received : Mar 16, 2023

Date Reported : Mar 20, 2023

Report Number : 2583781-1

Page 1 of 1

<b>Sample Number</b>	2324607-1
<b>Sampled Date</b>	Mar 16, 2023 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 16, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

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 ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location:** CUP 2

**Lot ID: 2324607**

Date Received : Mar 16, 2023

Date Reported : Mar 20, 2023

Report Number : 2583781-2

Page 1 of 1

**Sample Number** 2324607-1  
**Sampled Date** Mar 16, 2023 9:20 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Mar 17, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324608**

Date Received : Mar 17, 2023

Date Reported : Mar 21, 2023

Report Number : 2583782-1

Page 1 of 1

**Sample Number** 2324608-1  
**Sampled Date** Mar 17, 2023 8:58 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Mar 17, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324608**

Date Received : Mar 17, 2023

Date Reported : Mar 21, 2023

Report Number : 2583782-2

Page 1 of 1

<b>Sample Number</b>	2324608-1
<b>Sampled Date</b>	Mar 17, 2023 8:58 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 18, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai

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*N. Banchongkit*

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Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324609**

Date Received : Mar 18, 2023

Date Reported : Mar 22, 2023

Report Number : 2583783-1

Page 1 of 1

<b>Sample Number</b>	2324609-1
<b>Sampled Date</b>	Mar 18, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 18, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324609**

Date Received : Mar 18, 2023

Date Reported : Mar 22, 2023

Report Number : 2583783-2

Page 1 of 1

<b>Sample Number</b>	2324609-1
<b>Sampled Date</b>	Mar 18, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 21, 2023
<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	6.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324610**

Date Received : Mar 19, 2023

Date Reported : Mar 23, 2023

Report Number : 2583784-1

Page 1 of 1

<b>Sample Number</b>	2324610-1
<b>Sampled Date</b>	Mar 19, 2023 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 19, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324610**

Date Received : Mar 19, 2023

Date Reported : Mar 23, 2023

Report Number : 2583784-2

Page 1 of 1

<b>Sample Number</b>	2324610-1
<b>Sampled Date</b>	Mar 19, 2023 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 21, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

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Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324611**

Date Received : Mar 20, 2023

Date Reported : Mar 23, 2023

Report Number : 2583785-1

Page 1 of 1

<b>Sample Number</b>	2324611-1
<b>Sampled Date</b>	Mar 20, 2023 9:05 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 20, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324611**

Date Received : Mar 20, 2023

Date Reported : Mar 23, 2023

Report Number : 2583785-2

Page 1 of 1

<b>Sample Number</b>	2324611-1
<b>Sampled Date</b>	Mar 20, 2023 9:05 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำเสียของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 21, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai

Remark :

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Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324612**

Date Received : Mar 21, 2023

Date Reported : Mar 23, 2023

Report Number : 2583786-1

Page 1 of 1

<b>Sample Number</b>	2324612-1
<b>Sampled Date</b>	Mar 21, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 21, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324612**

Date Received : Mar 21, 2023

Date Reported : Mar 23, 2023

Report Number : 2583786-2

Page 1 of 1

<b>Sample Number</b>	2324612-1
<b>Sampled Date</b>	Mar 21, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 22, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai

Remark :

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

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324613**

Date Received : Mar 22, 2023

Date Reported : Mar 23, 2023

Report Number : 2583787-1

Page 1 of 1

<b>Sample Number</b>	2324613-1
<b>Sampled Date</b>	Mar 22, 2023 9:18 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 22, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150  
**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324613**

Date Received : Mar 22, 2023

Date Reported : Mar 23, 2023

Report Number : 2583787-2

Page 1 of 1

**Sample Number** 2324613-1  
**Sampled Date** Mar 22, 2023 9:18 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Mar 23, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

Remark :

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Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324614**

Date Received : Mar 23, 2023

Date Reported : Mar 25, 2023

Report Number : 2583789-1

Page 1 of 1

<b>Sample Number</b>	2324614-1
<b>Sampled Date</b>	Mar 23, 2023 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 23, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324614**

Date Received : Mar 23, 2023

Date Reported : Mar 25, 2023

Report Number : 2583789-2

Page 1 of 1

<b>Sample Number</b>	2324614-1
<b>Sampled Date</b>	Mar 23, 2023 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 24, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

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Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2324615**

Date Received : Mar 24, 2023

Date Reported : Mar 27, 2023

Report Number : 2583790-1

Page 1 of 1

<b>Sample Number</b>	2324615-1
<b>Sampled Date</b>	Mar 24, 2023
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำเสียหน้าห้องของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 24, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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)

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324615**

Date Received : Mar 24, 2023

Date Reported : Mar 27, 2023

Report Number : 2583790-2

Page 1 of 1

**Sample Number** 2324615-1  
**Sampled Date** Mar 24, 2023  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Mar 25, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324616**

Date Received : Mar 25, 2023

Date Reported : Mar 29, 2023

Report Number : 2583791-1

Page 1 of 1

<b>Sample Number</b>	2324616-1
<b>Sampled Date</b>	Mar 25, 2023 8:40 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 25, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324616**

Date Received : Mar 25, 2023

Date Reported : Mar 29, 2023

Report Number : 2583791-2

Page 1 of 1

**Sample Number** 2324616-1  
**Sampled Date** Mar 25, 2023 8:40 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Mar 28, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow

Remark :

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Narumon Banchongkit  
Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324617**

Date Received : Mar 27, 2023

Date Reported : Mar 29, 2023

Report Number : 2583792-1

Page 1 of 1

<b>Sample Number</b>	2324617-1
<b>Sampled Date</b>	Mar 26, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 27, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324617**

Date Received : Mar 27, 2023

Date Reported : Mar 29, 2023

Report Number : 2583792-2

Page 1 of 1

**Sample Number** 2324617-1  
**Sampled Date** Mar 26, 2023 9:30 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Mar 28, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow

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Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324618**

Date Received : Mar 27, 2023

Date Reported : Mar 29, 2023

Report Number : 2583793-1

Page 1 of 1

<b>Sample Number</b>	2324618-1
<b>Sampled Date</b>	Mar 27, 2023 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 27, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324618**

Date Received : Mar 27, 2023

Date Reported : Mar 29, 2023

Report Number : 2583793-2

Page 1 of 1

<b>Sample Number</b>	2324618-1
<b>Sampled Date</b>	Mar 27, 2023 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 28, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324619**

Date Received : Mar 28, 2023

Date Reported : Mar 30, 2023

Report Number : 2583794-1

Page 1 of 1

<b>Sample Number</b>	2324619-1
<b>Sampled Date</b>	Mar 28, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 28, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324619**

Date Received : Mar 28, 2023

Date Reported : Mar 30, 2023

Report Number : 2583794-2

Page 1 of 1

**Sample Number** 2324619-1  
**Sampled Date** Mar 28, 2023 9:00 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Mar 29, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai

Remark :

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324620**

Date Received : Mar 29, 2023

Date Reported : Mar 31, 2023

Report Number : 2583795-1

Page 1 of 1

**Sample Number** 2324620-1  
**Sampled Date** Mar 29, 2023 9:25 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Mar 29, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Designated method by Department of Livestock Development for livestock product testing.

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

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324620**

Date Received : Mar 29, 2023

Date Reported : Mar 31, 2023

Report Number : 2583795-2

Page 1 of 1

<b>Sample Number</b>	2324620-1
<b>Sampled Date</b>	Mar 29, 2023 9:25 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 30, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324621**

Date Received : Mar 30, 2023

Date Reported : Apr 03, 2023

Report Number : 2583796-1

Page 1 of 1

<b>Sample Number</b>	2324621-1
<b>Sampled Date</b>	Mar 30, 2023 9:40 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 30, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324621**

Date Received : Mar 30, 2023

Date Reported : Apr 03, 2023

Report Number : 2583796-2

Page 1 of 1

**Sample Number** 2324621-1  
**Sampled Date** Mar 30, 2023 9:40 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Mar 31, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

Remark :

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Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2324622**

Date Received : Mar 31, 2023

Date Reported : Apr 04, 2023

Report Number : 2583797-1

Page 1 of 1

<b>Sample Number</b>	2324622-1
<b>Sampled Date</b>	Mar 31, 2023 9:55 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Mar 31, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	35.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150  
**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2324622**

Date Received : Mar 31, 2023

Date Reported : Apr 04, 2023

Report Number : 2583797-2

Page 1 of 1

**Sample Number** 2324622-1  
**Sampled Date** Mar 31, 2023 9:55 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 03, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

Remark :

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Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2330452**

Date Received : Apr 11, 2023

Date Reported : Apr 20, 2023

Report Number : 2597744-1

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

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

Page 1 of 1

<b>Sample Number</b>	2330452-1
<b>Sampled Date</b>	Apr 11, 2023 9:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 11, 2023
<b>Condition of Sample</b>	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	34	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	600	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

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 ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330460**

Date Received : Apr 01, 2023

Date Reported : Apr 05, 2023

Report Number : 2597759-1

Page 1 of 1

<b>Sample Number</b>	2330460-1
<b>Sampled Date</b>	Apr 01, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 01, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330460**

Date Received : Apr 01, 2023  
Date Reported : Apr 05, 2023  
Report Number : 2597759-2

Page 1 of 1

**Sample Number** 2330460-1  
**Sampled Date** Apr 01, 2023 9:00 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 03, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow

Remark :

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330461**

Date Received : Apr 02, 2023

Date Reported : Apr 06, 2023

Report Number : 2597760-1

Page 1 of 1

<b>Sample Number</b>	2330461-1
<b>Sampled Date</b>	Apr 02, 2023 9:05 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 02, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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

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

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330461**

Date Received : Apr 02, 2023

Date Reported : Apr 06, 2023

Report Number : 2597760-2

Page 1 of 1

<b>Sample Number</b>	2330461-1
<b>Sampled Date</b>	Apr 02, 2023 9:05 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 03, 2023
<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	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330462**

Date Received : Apr 03, 2023

Date Reported : Apr 06, 2023

Report Number : 2597761-1

Page 1 of 1

**Sample Number** 2330462-1  
**Sampled Date** Apr 03, 2023 9:30 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 03, 2023  
**Condition of Sample** Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)  
**Physical Property** Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	36.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2330462**

Date Received : Apr 03, 2023

Date Reported : Apr 06, 2023

Report Number : 2597761-2

Page 1 of 1

<b>Sample Number</b>	2330462-1
<b>Sampled Date</b>	Apr 03, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 04, 2023
<b>Condition of Sample</b>	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)
<b>Physical Property</b>	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornawat

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330463**

Date Received : Apr 04, 2023

Date Reported : Apr 07, 2023

Report Number : 2597762-1

Page 1 of 1

<b>Sample Number</b>	2330463-1
<b>Sampled Date</b>	Apr 04, 2023 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 04, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330463**

Date Received : Apr 04, 2023  
Date Reported : Apr 07, 2023  
Report Number : 2597762-2

Page 1 of 1

**Sample Number** 2330463-1  
**Sampled Date** Apr 04, 2023 9:10 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 05, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai

Remark :

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

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Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330464**

Date Received : Apr 05, 2023

Date Reported : Apr 07, 2023

Report Number : 2597763-1

Page 1 of 1

<b>Sample Number</b>	2330464-1
<b>Sampled Date</b>	Apr 05, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 05, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remark :

- LOD : Limit of Detection
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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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330464**

Date Received : Apr 05, 2023

Date Reported : Apr 07, 2023

Report Number : 2597763-2

Page 1 of 1

**Sample Number** 2330464-1  
**Sampled Date** Apr 05, 2023 9:30 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 06, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Surawit Narapong

Remark :

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330465**

Date Received : Apr 06, 2023

Date Reported : Apr 10, 2023

Report Number : 2597764-1

Page 1 of 1

**Sample Number** 2330465-1  
**Sampled Date** Apr 06, 2023 9:30 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 06, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330465**

Date Received : Apr 06, 2023

Date Reported : Apr 10, 2023

Report Number : 2597764-2

Page 1 of 1

**Sample Number** 2330465-1  
**Sampled Date** Apr 06, 2023 9:30 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 10, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnathakunchai

Remark :

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Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330466**

Date Received : Apr 07, 2023

Date Reported : Apr 11, 2023

Report Number : 2597765-1

Page 1 of 1

<b>Sample Number</b>	2330466-1
<b>Sampled Date</b>	Apr 07, 2023 9:05 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 07, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330466**

Date Received : Apr 07, 2023

Date Reported : Apr 11, 2023

Report Number : 2597765-2

Page 1 of 1

**Sample Number** 2330466-1  
**Sampled Date** Apr 07, 2023 9:05 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 10, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

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Supervisor

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330467**

Date Received : Apr 08, 2023  
Date Reported : Apr 12, 2023  
Report Number : 2597766-1

Page 1 of 1

**Sample Number** 2330467-1  
**Sampled Date** Apr 08, 2023 9:20 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 08, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

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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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330467**

Date Received : Apr 08, 2023  
Date Reported : Apr 12, 2023  
Report Number : 2597766-2

Page 1 of 1

**Sample Number** 2330467-1  
**Sampled Date** Apr 08, 2023 9:20 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 10, 2023  
**Condition of Sample** 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	6.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai

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*N. Banchongkit*

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Supervisor

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330468**

Date Received : Apr 09, 2023

Date Reported : Apr 12, 2023

Report Number : 2597767-1

Page 1 of 1

**Sample Number** 2330468-1  
**Sampled Date** Apr 09, 2023 9:25 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 09, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

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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

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330468**

Date Received : Apr 09, 2023

Date Reported : Apr 12, 2023

Report Number : 2597767-2

Page 1 of 1

<b>Sample Number</b>	2330468-1
<b>Sampled Date</b>	Apr 09, 2023 9:25 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 10, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330469**

Date Received : Apr 10, 2023

Date Reported : Apr 12, 2023

Report Number : 2597768-1

Page 1 of 1

<b>Sample Number</b>	2330469-1
<b>Sampled Date</b>	Apr 10, 2023 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 10, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

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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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330469**

Date Received : Apr 10, 2023  
Date Reported : Apr 12, 2023  
Report Number : 2597768-2

Page 1 of 1

**Sample Number** 2330469-1  
**Sampled Date** Apr 10, 2023 9:15 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 11, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai

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Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330470**

Date Received : Apr 11, 2023

Date Reported : Apr 17, 2023

Report Number : 2597769-1

Page 1 of 1

<b>Sample Number</b>	2330470-1
<b>Sampled Date</b>	Apr 11, 2023 9:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 11, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

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

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

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330470**

Date Received : Apr 11, 2023

Date Reported : Apr 17, 2023

Report Number : 2597769-2

Page 1 of 1

<b>Sample Number</b>	2330470-1
<b>Sampled Date</b>	Apr 11, 2023 9:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 12, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330471**

Date Received : Apr 12, 2023

Date Reported : Apr 19, 2023

Report Number : 2597770-1

Page 1 of 1

<b>Sample Number</b>	2330471-1
<b>Sampled Date</b>	Apr 12, 2023 9:05 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 12, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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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

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330471**

Date Received : Apr 12, 2023

Date Reported : Apr 19, 2023

Report Number : 2597770-2

Page 1 of 1

<b>Sample Number</b>	2330471-1
<b>Sampled Date</b>	Apr 12, 2023 9:05 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 13, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330472**

Date Received : Apr 13, 2023

Date Reported : Apr 18, 2023

Report Number : 2597771-1

Page 1 of 1

**Sample Number** 2330472-1  
**Sampled Date** Apr 13, 2023 9:00 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 13, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330472**

Date Received : Apr 13, 2023

Date Reported : Apr 18, 2023

Report Number : 2597771-2

Page 1 of 1

**Sample Number** 2330472-1  
**Sampled Date** Apr 13, 2023 9:00 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 17, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai

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Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330473**

Date Received : Apr 14, 2023

Date Reported : Apr 19, 2023

Report Number : 2597772-1

Page 1 of 1

<b>Sample Number</b>	2330473-1
<b>Sampled Date</b>	Apr 14, 2023 8:40 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 14, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330473**

Date Received : Apr 14, 2023  
Date Reported : Apr 19, 2023  
Report Number : 2597772-2

Page 1 of 1

**Sample Number** 2330473-1  
**Sampled Date** Apr 14, 2023 8:40 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 17, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330474**

Date Received : Apr 15, 2023

Date Reported : Apr 19, 2023

Report Number : 2597774-1

Page 1 of 1

**Sample Number** 2330474-1  
**Sampled Date** Apr 15, 2023 9:00 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 15, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

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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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330474**

Date Received : Apr 15, 2023

Date Reported : Apr 19, 2023

Report Number : 2597774-2

Page 1 of 1

**Sample Number** 2330474-1  
**Sampled Date** Apr 15, 2023 9:00 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 17, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong

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**Sampling By :** Tanasit Wongsachai

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*N. Banchongkit*

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330475**

Date Received : Apr 16, 2023

Date Reported : Apr 20, 2023

Report Number : 2597775-1

Page 1 of 1

<b>Sample Number</b>	2330475-1
<b>Sampled Date</b>	Apr 16, 2023 8:45 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 16, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

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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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330475**

Date Received : Apr 16, 2023

Date Reported : Apr 20, 2023

Report Number : 2597775-2

Page 1 of 1

**Sample Number** 2330475-1  
**Sampled Date** Apr 16, 2023 8:45 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 17, 2023  
**Condition of Sample** 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	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai

Remark :

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

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330476**

Date Received : Apr 17, 2023

Date Reported : Apr 20, 2023

Report Number : 2597776-1

Page 1 of 1

**Sample Number** 2330476-1  
**Sampled Date** Apr 17, 2023 8:55 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 17, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330476**

Date Received : Apr 17, 2023

Date Reported : Apr 20, 2023

Report Number : 2597776-2

Page 1 of 1

**Sample Number** 2330476-1  
**Sampled Date** Apr 17, 2023 8:55 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 18, 2023  
**Condition of Sample** 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	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Sansoen Khuiyoksui

Remark :

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*N. Banchongkit*

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Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330477**

Date Received : Apr 18, 2023

Date Reported : Apr 21, 2023

Report Number : 2597777-1

Page 1 of 1

<b>Sample Number</b>	2330477-1
<b>Sampled Date</b>	Apr 18, 2023 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 18, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330477**

Date Received : Apr 18, 2023  
Date Reported : Apr 21, 2023  
Report Number : 2597777-2

Page 1 of 1

**Sample Number** 2330477-1  
**Sampled Date** Apr 18, 2023 9:10 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 19, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330478**

Date Received : Apr 19, 2023

Date Reported : Apr 22, 2023

Report Number : 2597778-1

Page 1 of 1

<b>Sample Number</b>	2330478-1
<b>Sampled Date</b>	Apr 19, 2023 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 19, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330478**

Date Received : Apr 19, 2023  
Date Reported : Apr 22, 2023  
Report Number : 2597778-2

Page 1 of 1

**Sample Number** 2330478-1  
**Sampled Date** Apr 19, 2023 9:15 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 20, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330479**

Date Received : Apr 20, 2023

Date Reported : Apr 24, 2023

Report Number : 2597779-1

Page 1 of 1

<b>Sample Number</b>	2330479-1
<b>Sampled Date</b>	Apr 20, 2023 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 20, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	35.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330479**

Date Received : Apr 20, 2023

Date Reported : Apr 24, 2023

Report Number : 2597779-2

Page 1 of 1

**Sample Number** 2330479-1  
**Sampled Date** Apr 20, 2023 9:10 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 21, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

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Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330480**

Date Received : Apr 21, 2023

Date Reported : Apr 25, 2023

Report Number : 2597781-1

Page 1 of 1

<b>Sample Number</b>	2330480-1
<b>Sampled Date</b>	Apr 21, 2023 8:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 21, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330480**

Date Received : Apr 21, 2023

Date Reported : Apr 25, 2023

Report Number : 2597781-2

Page 1 of 1

<b>Sample Number</b>	2330480-1
<b>Sampled Date</b>	Apr 21, 2023 8:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 25, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330481**

Date Received : Apr 22, 2023

Date Reported : Apr 25, 2023

Report Number : 2597782-1

Page 1 of 1

<b>Sample Number</b>	2330481-1
<b>Sampled Date</b>	Apr 22, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 22, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Narunat thammassaro ทะเบียนเลขที่ ว-323-จ-9477

Remark :

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

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

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330481**

Date Received : Apr 22, 2023  
Date Reported : Apr 25, 2023  
Report Number : 2597782-2

Page 1 of 1

**Sample Number** 2330481-1  
**Sampled Date** Apr 22, 2023 9:00 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 25, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Narunat thammassaro

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330482**

Date Received : Apr 24, 2023

Date Reported : Apr 26, 2023

Report Number : 2597786-1

Page 1 of 1

<b>Sample Number</b>	2330482-1
<b>Sampled Date</b>	Apr 23, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 23, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Narunat thammassaro ทะเบียนเลขที่ ว-323-จ-9477

Remark :

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

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

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92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150  
**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330482**

Date Received : Apr 24, 2023

Date Reported : Apr 26, 2023

Report Number : 2597786-2

Page 1 of 1

**Sample Number** 2330482-1  
**Sampled Date** Apr 23, 2023 9:00 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 25, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Narunat thammassaro

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Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330483**

Date Received : Apr 24, 2023

Date Reported : Apr 27, 2023

Report Number : 2597788-1

Page 1 of 1

<b>Sample Number</b>	2330483-1
<b>Sampled Date</b>	Apr 24, 2023 9:05 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 24, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	35.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

- LOD : Limit of Detection
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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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330483**

Date Received : Apr 24, 2023

Date Reported : Apr 27, 2023

Report Number : 2597788-2

Page 1 of 1

**Sample Number** 2330483-1  
**Sampled Date** Apr 24, 2023 9:05 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 25, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

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Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330484**

Date Received : Apr 25, 2023

Date Reported : Apr 28, 2023

Report Number : 2597789-1

Page 1 of 1

<b>Sample Number</b>	2330484-1
<b>Sampled Date</b>	Apr 25, 2023 9:26 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 25, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remark :

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

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

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## Analysis / Test Report

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92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150  
**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330484**

Date Received : Apr 25, 2023  
Date Reported : Apr 28, 2023  
Report Number : 2597789-2

Page 1 of 1

**Sample Number** 2330484-1  
**Sampled Date** Apr 25, 2023 9:26 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 27, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Surawit Narapong

Remark :

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*N. Banchongkit*

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Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330485**

Date Received : Apr 26, 2023

Date Reported : Apr 29, 2023

Report Number : 2597790-1

Page 1 of 1

<b>Sample Number</b>	2330485-1
<b>Sampled Date</b>	Apr 26, 2023 9:03 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 26, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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

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

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## Analysis / Test Report

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330485**

Date Received : Apr 26, 2023  
Date Reported : Apr 29, 2023  
Report Number : 2597790-2

Page 1 of 1

**Sample Number** 2330485-1  
**Sampled Date** Apr 26, 2023 9:03 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 27, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong

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**Sampling By :** Wanlop Hunchainaow

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Supervisor

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## Analysis / Test Report

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92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150  
**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330486**

Date Received : Apr 27, 2023  
Date Reported : May 02, 2023  
Report Number : 2597791-1

Page 1 of 1

**Sample Number** 2330486-1  
**Sampled Date** Apr 27, 2023 9:00 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 27, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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

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

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330486**

Date Received : Apr 27, 2023

Date Reported : May 02, 2023

Report Number : 2597791-2

Page 1 of 1

<b>Sample Number</b>	2330486-1
<b>Sampled Date</b>	Apr 27, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 28, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow

Remark :

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330487**

Date Received : Apr 28, 2023

Date Reported : May 03, 2023

Report Number : 2597793-1

Page 1 of 1

<b>Sample Number</b>	2330487-1
<b>Sampled Date</b>	Apr 28, 2023 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 28, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330487**

Date Received : Apr 28, 2023  
Date Reported : May 03, 2023  
Report Number : 2597793-2

Page 1 of 1

**Sample Number** 2330487-1  
**Sampled Date** Apr 28, 2023 9:20 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** May 02, 2023  
**Condition of Sample** 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	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330488**

Date Received : Apr 29, 2023  
Date Reported : May 05, 2023  
Report Number : 2597795-1

Page 1 of 1

**Sample Number** 2330488-1  
**Sampled Date** Apr 29, 2023 9:10 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Apr 29, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330488**

Date Received : Apr 29, 2023  
Date Reported : May 05, 2023  
Report Number : 2597795-2

Page 1 of 1

**Sample Number** 2330488-1  
**Sampled Date** Apr 29, 2023 9:10 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** May 02, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

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*N. Banchongkit*

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Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2330489**

Date Received : Apr 30, 2023

Date Reported : May 05, 2023

Report Number : 2597796-1

Page 1 of 1

<b>Sample Number</b>	2330489-1
<b>Sampled Date</b>	Apr 30, 2023 8:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Apr 30, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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## Analysis / Test Report

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2330489**

Date Received : Apr 30, 2023  
Date Reported : May 05, 2023  
Report Number : 2597796-2

Page 1 of 1

<b>Sample Number</b>	2330489-1
<b>Sampled Date</b>	Apr 30, 2023 8:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 02, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

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Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2343543**

Date Received : May 09, 2023

Date Reported : May 16, 2023

Report Number : 2627336-1

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

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

Page 1 of 1

<b>Sample Number</b>	2343543-1
<b>Sampled Date</b>	May 09, 2023 9:40 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 09, 2023
<b>Condition of Sample</b>	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	25	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
Residual Free Chlorine *	mg/L	-	0.1	0.3	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	524	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005

Remark :

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- 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 ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343940**

Date Received : May 01, 2023

Date Reported : May 05, 2023

Report Number : 2628653-1

Page 1 of 1

<b>Sample Number</b>	2343940-1
<b>Sampled Date</b>	May 01, 2023 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 01, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343940**

Date Received : May 01, 2023

Date Reported : May 05, 2023

Report Number : 2628653-2

Page 1 of 1

<b>Sample Number</b>	2343940-1
<b>Sampled Date</b>	May 01, 2023 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 02, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

Remark :

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343941**

Date Received : May 02, 2023

Date Reported : May 06, 2023

Report Number : 2628654-1

Page 1 of 1

<b>Sample Number</b>	2343941-1
<b>Sampled Date</b>	May 02, 2023 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 02, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343941**

Date Received : May 02, 2023

Date Reported : May 06, 2023

Report Number : 2628654-2

Page 1 of 1

<b>Sample Number</b>	2343941-1
<b>Sampled Date</b>	May 02, 2023 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 03, 2023
<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	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Sansoen Khuiyoksui

Remark :

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343942**

Date Received : May 03, 2023

Date Reported : May 08, 2023

Report Number : 2628655-1

Page 1 of 1

<b>Sample Number</b>	2343942-1
<b>Sampled Date</b>	May 03, 2023 9:40 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 03, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	35.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pitthaya Thongtaeng ทะเบียนเลขที่ ว-323-จ-9448

Remark :

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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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343942**

Date Received : May 03, 2023

Date Reported : May 08, 2023

Report Number : 2628655-2

Page 1 of 1

**Sample Number** 2343942-1  
**Sampled Date** May 03, 2023 9:40 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** May 04, 2023  
**Condition of Sample** 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	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pitthaya Thongtaeng

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343943**

Date Received : May 05, 2023

Date Reported : May 08, 2023

Report Number : 2628658-1

Page 1 of 1

**Sample Number** 2343943-1  
**Sampled Date** May 04, 2023 9:35 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** May 03, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005

Remark :

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

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

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343943**

Date Received : May 05, 2023

Date Reported : May 08, 2023

Report Number : 2628658-2

Page 1 of 1

<b>Sample Number</b>	2343943-1
<b>Sampled Date</b>	May 04, 2023 9:35 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 08, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Sansoen Khuiyoksui

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Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343944**

Date Received : May 05, 2023

Date Reported : May 09, 2023

Report Number : 2628660-1

Page 1 of 1

<b>Sample Number</b>	2343944-1
<b>Sampled Date</b>	May 05, 2023 9:40 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 05, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343944**

Date Received : May 05, 2023

Date Reported : May 09, 2023

Report Number : 2628660-2

Page 1 of 1

**Sample Number** 2343944-1  
**Sampled Date** May 05, 2023 9:40 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** May 08, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

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Narumon Banchongkit  
Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343945**

Date Received : May 06, 2023

Date Reported : May 10, 2023

Report Number : 2628663-1

Page 1 of 1

<b>Sample Number</b>	2343945-1
<b>Sampled Date</b>	May 06, 2023 9:17 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 06, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2343945**

Date Received : May 06, 2023

Date Reported : May 10, 2023

Report Number : 2628663-2

Page 1 of 1

<b>Sample Number</b>	2343945-1
<b>Sampled Date</b>	May 06, 2023 9:17 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 08, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343946**

Date Received : May 07, 2023

Date Reported : May 11, 2023

Report Number : 2628665-1

Page 1 of 1

<b>Sample Number</b>	2343946-1
<b>Sampled Date</b>	May 07, 2023 9:16 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 07, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343946**

Date Received : May 07, 2023

Date Reported : May 11, 2023

Report Number : 2628665-2

Page 1 of 1

**Sample Number** 2343946-1  
**Sampled Date** May 07, 2023 9:16 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** May 08, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343947**

Date Received : May 08, 2023

Date Reported : May 11, 2023

Report Number : 2628667-1

Page 1 of 1

<b>Sample Number</b>	2343947-1
<b>Sampled Date</b>	May 08, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 08, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343947**

Date Received : May 08, 2023

Date Reported : May 11, 2023

Report Number : 2628667-2

Page 1 of 1

<b>Sample Number</b>	2343947-1
<b>Sampled Date</b>	May 08, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 09, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343948**

Date Received : May 09, 2023

Date Reported : May 12, 2023

Report Number : 2628670-1

Page 1 of 1

<b>Sample Number</b>	2343948-1
<b>Sampled Date</b>	May 09, 2023 9:40 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 09, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	35.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343948**

Date Received : May 09, 2023

Date Reported : May 12, 2023

Report Number : 2628670-2

Page 1 of 1

**Sample Number** 2343948-1  
**Sampled Date** May 09, 2023 9:40 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** May 10, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Sansoen Khuiyoksui

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Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343949**

Date Received : May 10, 2023

Date Reported : May 13, 2023

Report Number : 2628671-1

Page 1 of 1

<b>Sample Number</b>	2343949-1
<b>Sampled Date</b>	May 10, 2023 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 10, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343949**

Date Received : May 10, 2023

Date Reported : May 13, 2023

Report Number : 2628671-2

Page 1 of 1

<b>Sample Number</b>	2343949-1
<b>Sampled Date</b>	May 10, 2023 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 11, 2023
<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	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Surawit Narapong

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Supervisor

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343950**

Date Received : May 11, 2023

Date Reported : May 15, 2023

Report Number : 2628674-1

Page 1 of 1

**Sample Number** 2343950-1  
**Sampled Date** May 11, 2023 9:19 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** May 11, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location:** CUP 2

**Lot ID: 2343950**

Date Received : May 11, 2023

Date Reported : May 15, 2023

Report Number : 2628674-2

Page 1 of 1

**Sample Number** 2343950-1  
**Sampled Date** May 11, 2023 9:19 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** May 12, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai

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Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343951**

Date Received : May 12, 2023

Date Reported : May 16, 2023

Report Number : 2628676-1

Page 1 of 1

<b>Sample Number</b>	2343951-1
<b>Sampled Date</b>	May 12, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 12, 2023
<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		-	-	7.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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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

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343951**

Date Received : May 12, 2023

Date Reported : May 16, 2023

Report Number : 2628676-2

Page 1 of 1

**Sample Number** 2343951-1  
**Sampled Date** May 12, 2023 9:00 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** May 16, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow

Remark :

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

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343952**

Date Received : May 13, 2023

Date Reported : May 17, 2023

Report Number : 2628690-1

Page 1 of 1

<b>Sample Number</b>	2343952-1
<b>Sampled Date</b>	May 13, 2023 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 13, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343952**

Date Received : May 13, 2023

Date Reported : May 17, 2023

Report Number : 2628690-2

Page 1 of 1

<b>Sample Number</b>	2343952-1
<b>Sampled Date</b>	May 13, 2023 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 16, 2023
<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	5.9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

Remark :

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*N. Banchongkit*

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Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343953**

Date Received : May 14, 2023

Date Reported : May 18, 2023

Report Number : 2628693-1

Page 1 of 1

<b>Sample Number</b>	2343953-1
<b>Sampled Date</b>	May 14, 2023 8:55 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 13, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343953**

Date Received : May 14, 2023

Date Reported : May 18, 2023

Report Number : 2628693-2

Page 1 of 1

**Sample Number** 2343953-1  
**Sampled Date** May 14, 2023 8:55 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** May 16, 2023  
**Condition of Sample** 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	5.9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343954**

Date Received : May 15, 2023

Date Reported : May 18, 2023

Report Number : 2628705-1

Page 1 of 1

<b>Sample Number</b>	2343954-1
<b>Sampled Date</b>	May 15, 2023 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 15, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005

Remark :

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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

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343954**

Date Received : May 15, 2023

Date Reported : May 18, 2023

Report Number : 2628705-2

Page 1 of 1

<b>Sample Number</b>	2343954-1
<b>Sampled Date</b>	May 15, 2023 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 16, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Sansoen Khuiyoksui

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Narumon Banchongkit  
Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343955**

Date Received : May 16, 2023

Date Reported : May 19, 2023

Report Number : 2628707-1

Page 1 of 1

<b>Sample Number</b>	2343955-1
<b>Sampled Date</b>	May 16, 2023 9:05 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 16, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343955**

Date Received : May 16, 2023

Date Reported : May 19, 2023

Report Number : 2628707-2

Page 1 of 1

**Sample Number** 2343955-1  
**Sampled Date** May 16, 2023 9:05 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** May 17, 2023  
**Condition of Sample** 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	5.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnathakunchai

Remark :

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Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343956**

Date Received : May 17, 2023

Date Reported : May 19, 2023

Report Number : 2628709-1

Page 1 of 1

<b>Sample Number</b>	2343956-1
<b>Sampled Date</b>	May 17, 2023 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 17, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343956**

Date Received : May 17, 2023

Date Reported : May 19, 2023

Report Number : 2628709-2

Page 1 of 1

**Sample Number** 2343956-1  
**Sampled Date** May 17, 2023 9:20 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** May 18, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

Remark :

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

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343957**

Date Received : May 18, 2023

Date Reported : May 22, 2023

Report Number : 2628713-1

Page 1 of 1

<b>Sample Number</b>	2343957-1
<b>Sampled Date</b>	May 18, 2023 8:55 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 18, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

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

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92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150  
**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343957**

Date Received : May 18, 2023

Date Reported : May 22, 2023

Report Number : 2628713-2

Page 1 of 1

<b>Sample Number</b>	2343957-1
<b>Sampled Date</b>	May 18, 2023 8:55 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 19, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai

Remark :

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Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343958**

Date Received : May 19, 2023

Date Reported : May 24, 2023

Report Number : 2628714-1

Page 1 of 1

<b>Sample Number</b>	2343958-1
<b>Sampled Date</b>	May 19, 2023 8:55 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 19, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343958**

Date Received : May 19, 2023

Date Reported : May 24, 2023

Report Number : 2628714-2

Page 1 of 1

**Sample Number** 2343958-1  
**Sampled Date** May 19, 2023 8:55 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** May 23, 2023  
**Condition of Sample** 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	8.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343959**

Date Received : May 20, 2023

Date Reported : May 24, 2023

Report Number : 2628715-1

Page 1 of 1

<b>Sample Number</b>	2343959-1
<b>Sampled Date</b>	May 20, 2023 8:45 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 20, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343959**

Date Received : May 20, 2023

Date Reported : May 24, 2023

Report Number : 2628715-2

Page 1 of 1

<b>Sample Number</b>	2343959-1
<b>Sampled Date</b>	May 20, 2023 8:45 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 23, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Nattawut Athomprommarat

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343960**

Date Received : May 21, 2023

Date Reported : May 25, 2023

Report Number : 2628717-1

Page 1 of 1

<b>Sample Number</b>	2343960-1
<b>Sampled Date</b>	May 21, 2023 8:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 21, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	35.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343960**

Date Received : May 21, 2023

Date Reported : May 25, 2023

Report Number : 2628717-2

Page 1 of 1

<b>Sample Number</b>	2343960-1
<b>Sampled Date</b>	May 21, 2023 8:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 23, 2023
<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	6.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Nattawut Athomprommarat

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343961**

Date Received : May 22, 2023

Date Reported : May 25, 2023

Report Number : 2628721-1

Page 1 of 1

<b>Sample Number</b>	2343961-1
<b>Sampled Date</b>	May 22, 2023 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 22, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location:** CUP 2

**Lot ID: 2343961**

Date Received : May 22, 2023

Date Reported : May 25, 2023

Report Number : 2628721-2

Page 1 of 1

**Sample Number** 2343961-1  
**Sampled Date** May 22, 2023 9:10 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** May 23, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343962**

Date Received : May 23, 2023

Date Reported : May 25, 2023

Report Number : 2628694-1

Page 1 of 1

<b>Sample Number</b>	2343962-1
<b>Sampled Date</b>	May 23, 2023 9:06 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 23, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

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

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## Analysis / Test Report

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92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150  
**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343962**

Date Received : May 23, 2023

Date Reported : May 25, 2023

Report Number : 2628694-2

Page 1 of 1

**Sample Number** 2343962-1  
**Sampled Date** May 23, 2023 9:06 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** May 24, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**Client :** Global Power Synergy Public Company Limited  
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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343963**

Date Received : May 24, 2023

Date Reported : May 27, 2023

Report Number : 2628692-1

Page 1 of 1

**Sample Number** 2343963-1  
**Sampled Date** May 24, 2023 9:35 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** May 24, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343963**

Date Received : May 24, 2023

Date Reported : May 27, 2023

Report Number : 2628692-2

Page 1 of 1

**Sample Number** 2343963-1  
**Sampled Date** May 24, 2023 9:35 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** May 25, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Surawit Narapong

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343964**

Date Received : May 25, 2023

Date Reported : May 27, 2023

Report Number : 2628688-1

Page 1 of 1

**Sample Number** 2343964-1  
**Sampled Date** May 25, 2023 9:05 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** May 25, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005

Remark :

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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

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**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343964**

Date Received : May 25, 2023

Date Reported : May 27, 2023

Report Number : 2628688-2

Page 1 of 1

<b>Sample Number</b>	2343964-1
<b>Sampled Date</b>	May 25, 2023 9:05 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 26, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Sansoen Khuiyoksui

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Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343965**

Date Received : May 26, 2023

Date Reported : May 30, 2023

Report Number : 2628675-1

Page 1 of 1

<b>Sample Number</b>	2343965-1
<b>Sampled Date</b>	May 26, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 26, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

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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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343965**

Date Received : May 26, 2023

Date Reported : May 30, 2023

Report Number : 2628675-2

Page 1 of 1

<b>Sample Number</b>	2343965-1
<b>Sampled Date</b>	May 26, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทั้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 30, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai

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Supervisor

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343966**

Date Received : May 27, 2023

Date Reported : May 31, 2023

Report Number : 2628672-1

Page 1 of 1

**Sample Number** 2343966-1  
**Sampled Date** May 27, 2023 9:40 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** May 27, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343966**

Date Received : May 27, 2023

Date Reported : May 31, 2023

Report Number : 2628672-2

Page 1 of 1

**Sample Number** 2343966-1  
**Sampled Date** May 27, 2023 9:40 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** May 30, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Surawit Narapong

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Narumon Banchongkit  
Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343968**

Date Received : May 28, 2023

Date Reported : Jun 01, 2023

Report Number : 2628669-1

Page 1 of 1

<b>Sample Number</b>	2343968-1
<b>Sampled Date</b>	May 28, 2023 9:25 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 28, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

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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

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343968**

Date Received : May 28, 2023

Date Reported : Jun 01, 2023

Report Number : 2628669-2

Page 1 of 1

<b>Sample Number</b>	2343968-1
<b>Sampled Date</b>	May 28, 2023 9:25 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 30, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Surawit Narapong

Remark :

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

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343969**

Date Received : May 29, 2023

Date Reported : Jun 01, 2023

Report Number : 2628666-1

Page 1 of 1

<b>Sample Number</b>	2343969-1
<b>Sampled Date</b>	May 29, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 29, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2343969**

Date Received : May 29, 2023

Date Reported : Jun 01, 2023

Report Number : 2628666-2

Page 1 of 1

<b>Sample Number</b>	2343969-1
<b>Sampled Date</b>	May 29, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 30, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

Remark :

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Supervisor

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343970**

Date Received : May 30, 2023

Date Reported : Jun 03, 2023

Report Number : 2628662-1

Page 1 of 1

**Sample Number** 2343970-1  
**Sampled Date** May 30, 2023 9:10 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** May 30, 2023  
**Condition of Sample** 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		-	-	7.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343970**

Date Received : May 30, 2023

Date Reported : Jun 03, 2023

Report Number : 2628662-2

Page 1 of 1

**Sample Number** 2343970-1  
**Sampled Date** May 30, 2023 9:10 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 01, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2343971**

Date Received : May 31, 2023

Date Reported : Jun 03, 2023

Report Number : 2628657-1

Page 1 of 1

<b>Sample Number</b>	2343971-1
<b>Sampled Date</b>	May 31, 2023
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	May 31, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2343971**

Date Received : May 31, 2023

Date Reported : Jun 03, 2023

Report Number : 2628657-2

Page 1 of 1

**Sample Number** 2343971-1  
**Sampled Date** May 31, 2023  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 01, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow

Remark :

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363226**

Date Received : Jun 13, 2023

Date Reported : Jun 20, 2023

Report Number : 2668847-1

Page 1 of 1

<b>Sample Number</b>	2363226-1
<b>Sampled Date</b>	Jun 13, 2023 10:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 13, 2023
<b>Condition of Sample</b>	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	<25	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
Residual Free Chlorine *	mg/L	-	0.1	0.2	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	652	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

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- The laboratory has been accepted as an accredited laboratory complying with the 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

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363168**

Date Received : Jun 01, 2023

Date Reported : Jun 03, 2023

Report Number : 2668725-1

Page 1 of 1

<b>Sample Number</b>	2363168-1
<b>Sampled Date</b>	Jun 01, 2023 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 01, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle and one plastic 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	36.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

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92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150  
**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location:** CUP 2

**Lot ID: 2363168**

Date Received : Jun 01, 2023

Date Reported : Jun 03, 2023

Report Number : 2668725-2

Page 1 of 1

<b>Sample Number</b>	2363168-1
<b>Sampled Date</b>	Jun 01, 2023 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 02, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle and one plastic 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnathakunchai

Remark :

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Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363235**

Date Received : Jun 02, 2023

Date Reported : Jun 07, 2023

Report Number : 2668879-1

Page 1 of 1

<b>Sample Number</b>	2363235-1
<b>Sampled Date</b>	Jun 02, 2023 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 02, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	36.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

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

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363235**

Date Received : Jun 02, 2023

Date Reported : Jun 07, 2023

Report Number : 2668879-2

Page 1 of 1

<b>Sample Number</b>	2363235-1
<b>Sampled Date</b>	Jun 02, 2023 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 06, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnathakunchai

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363236**

Date Received : Jun 03, 2023

Date Reported : Jun 08, 2023

Report Number : 2668880-1

Page 1 of 1

<b>Sample Number</b>	2363236-1
<b>Sampled Date</b>	Jun 03, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 05, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363236**

Date Received : Jun 03, 2023

Date Reported : Jun 08, 2023

Report Number : 2668880-2

Page 1 of 1

**Sample Number** 2363236-1  
**Sampled Date** Jun 03, 2023 9:00 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 06, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363237**

Date Received : Jun 04, 2023

Date Reported : Jun 09, 2023

Report Number : 2668881-1

Page 1 of 1

<b>Sample Number</b>	2363237-1
<b>Sampled Date</b>	Jun 04, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 05, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363237**

Date Received : Jun 04, 2023

Date Reported : Jun 09, 2023

Report Number : 2668881-2

Page 1 of 1

**Sample Number** 2363237-1  
**Sampled Date** Jun 04, 2023 9:00 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 06, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363238**

Date Received : Jun 05, 2023

Date Reported : Jun 09, 2023

Report Number : 2668882-1

Page 1 of 1

<b>Sample Number</b>	2363238-1
<b>Sampled Date</b>	Jun 05, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 05, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363238**

Date Received : Jun 05, 2023  
Date Reported : Jun 09, 2023  
Report Number : 2668882-2

Page 1 of 1

**Sample Number** 2363238-1  
**Sampled Date** Jun 05, 2023 9:00 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 06, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow

Remark :

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363239**

Date Received : Jun 06, 2023

Date Reported : Jun 09, 2023

Report Number : 2668883-1

Page 1 of 1

**Sample Number** 2363239-1  
**Sampled Date** Jun 06, 2023 9:40 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 06, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363239**

Date Received : Jun 06, 2023

Date Reported : Jun 09, 2023

Report Number : 2668883-2

Page 1 of 1

**Sample Number** 2363239-1  
**Sampled Date** Jun 06, 2023 9:40 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 08, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Sansoen Khuiyoksui

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Supervisor

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## Analysis / Test Report

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363240**

Date Received : Jun 07, 2023

Date Reported : Jun 10, 2023

Report Number : 2668884-1

Page 1 of 1

<b>Sample Number</b>	2363240-1
<b>Sampled Date</b>	Jun 07, 2023 9:25 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 07, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remark :

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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

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363240**

Date Received : Jun 07, 2023

Date Reported : Jun 10, 2023

Report Number : 2668884-2

Page 1 of 1

**Sample Number** 2363240-1  
**Sampled Date** Jun 07, 2023 9:25 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 08, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Surawit Narapong

Remark :

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

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363241**

Date Received : Jun 08, 2023

Date Reported : Jun 10, 2023

Report Number : 2668885-1

Page 1 of 1

<b>Sample Number</b>	2363241-1
<b>Sampled Date</b>	Jun 08, 2023 9:45 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 08, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363241**

Date Received : Jun 08, 2023

Date Reported : Jun 10, 2023

Report Number : 2668885-2

Page 1 of 1

<b>Sample Number</b>	2363241-1
<b>Sampled Date</b>	Jun 08, 2023 9:45 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 09, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

Remark :

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Supervisor

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363242**

Date Received : Jun 09, 2023

Date Reported : Jun 13, 2023

Report Number : 2668887-1

Page 1 of 1

**Sample Number** 2363242-1  
**Sampled Date** Jun 09, 2023 9:40 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 09, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363242**

Date Received : Jun 09, 2023

Date Reported : Jun 13, 2023

Report Number : 2668887-2

Page 1 of 1

**Sample Number** 2363242-1  
**Sampled Date** Jun 09, 2023 9:40 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 10, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363243**

Date Received : Jun 10, 2023

Date Reported : Jun 14, 2023

Report Number : 2668888-1

Page 1 of 1

**Sample Number** 2363243-1  
**Sampled Date** Jun 10, 2023 9:20 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 09, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location:** CUP 2

**Lot ID: 2363243**

Date Received : Jun 10, 2023

Date Reported : Jun 14, 2023

Report Number : 2668888-2

Page 1 of 1

<b>Sample Number</b>	2363243-1
<b>Sampled Date</b>	Jun 10, 2023 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 12, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363244**

Date Received : Jun 11, 2023

Date Reported : Jun 15, 2023

Report Number : 2668889-1

Page 1 of 1

<b>Sample Number</b>	2363244-1
<b>Sampled Date</b>	Jun 11, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 09, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

- LOD : Limit of Detection
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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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363244**

Date Received : Jun 11, 2023

Date Reported : Jun 15, 2023

Report Number : 2668889-2

Page 1 of 1

**Sample Number** 2363244-1  
**Sampled Date** Jun 11, 2023 9:00 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 12, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

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Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363245**

Date Received : Jun 12, 2023

Date Reported : Jun 15, 2023

Report Number : 2668893-1

Page 1 of 1

<b>Sample Number</b>	2363245-1
<b>Sampled Date</b>	Jun 12, 2023 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 12, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363245**

Date Received : Jun 12, 2023

Date Reported : Jun 15, 2023

Report Number : 2668893-2

Page 1 of 1

**Sample Number** 2363245-1  
**Sampled Date** Jun 12, 2023 9:15 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 14, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

Remark :

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

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363246**

Date Received : Jun 13, 2023

Date Reported : Jun 16, 2023

Report Number : 2668895-1

Page 1 of 1

<b>Sample Number</b>	2363246-1
<b>Sampled Date</b>	Jun 13, 2023 10:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 13, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

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

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## Analysis / Test Report

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2363246**

Date Received : Jun 13, 2023

Date Reported : Jun 16, 2023

Report Number : 2668895-2

Page 1 of 1

<b>Sample Number</b>	2363246-1
<b>Sampled Date</b>	Jun 13, 2023 10:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 14, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnathakunchai

Remark :

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Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363247**

Date Received : Jun 14, 2023

Date Reported : Jun 17, 2023

Report Number : 2668896-1

Page 1 of 1

<b>Sample Number</b>	2363247-1
<b>Sampled Date</b>	Jun 14, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 14, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363247**

Date Received : Jun 14, 2023

Date Reported : Jun 17, 2023

Report Number : 2668896-2

Page 1 of 1

**Sample Number** 2363247-1  
**Sampled Date** Jun 14, 2023 9:30 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 15, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow

Remark :

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Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363248**

Date Received : Jun 15, 2023

Date Reported : Jun 19, 2023

Report Number : 2668897-1

Page 1 of 1

**Sample Number** 2363248-1  
**Sampled Date** Jun 15, 2023 9:10 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 15, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location:** CUP 2

**Lot ID: 2363248**

Date Received : Jun 15, 2023

Date Reported : Jun 19, 2023

Report Number : 2668897-2

Page 1 of 1

**Sample Number** 2363248-1  
**Sampled Date** Jun 15, 2023 9:10 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 16, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Tanasit Wongsachai

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363249**

Date Received : Jun 16, 2023

Date Reported : Jun 20, 2023

Report Number : 2668899-1

Page 1 of 1

<b>Sample Number</b>	2363249-1
<b>Sampled Date</b>	Jun 16, 2023 9:25 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 16, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363249**

Date Received : Jun 16, 2023

Date Reported : Jun 20, 2023

Report Number : 2668899-2

Page 1 of 1

<b>Sample Number</b>	2363249-1
<b>Sampled Date</b>	Jun 16, 2023 9:25 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 17, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363250**

Date Received : Jun 17, 2023

Date Reported : Jun 21, 2023

Report Number : 2668901-1

Page 1 of 1

<b>Sample Number</b>	2363250-1
<b>Sampled Date</b>	Jun 17, 2023 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 17, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363250**

Date Received : Jun 17, 2023

Date Reported : Jun 21, 2023

Report Number : 2668901-2

Page 1 of 1

**Sample Number** 2363250-1  
**Sampled Date** Jun 17, 2023 9:10 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 19, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363251**

Date Received : Jun 18, 2023

Date Reported : Jun 22, 2023

Report Number : 2668902-1

Page 1 of 1

<b>Sample Number</b>	2363251-1
<b>Sampled Date</b>	Jun 18, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 19, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

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

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363251**

Date Received : Jun 18, 2023

Date Reported : Jun 22, 2023

Report Number : 2668902-2

Page 1 of 1

**Sample Number** 2363251-1  
**Sampled Date** Jun 18, 2023 9:30 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 19, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150  
**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363252**

Date Received : Jun 19, 2023

Date Reported : Jun 22, 2023

Report Number : 2668903-1

Page 1 of 1

**Sample Number** 2363252-1  
**Sampled Date** Jun 19, 2023 9:25 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 19, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363252**

Date Received : Jun 19, 2023

Date Reported : Jun 22, 2023

Report Number : 2668903-2

Page 1 of 1

**Sample Number** 2363252-1  
**Sampled Date** Jun 19, 2023 9:25 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 22, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363253**

Date Received : Jun 20, 2023

Date Reported : Jun 23, 2023

Report Number : 2668904-1

Page 1 of 1

<b>Sample Number</b>	2363253-1
<b>Sampled Date</b>	Jun 20, 2023 8:50 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 20, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363253**

Date Received : Jun 20, 2023

Date Reported : Jun 23, 2023

Report Number : 2668904-2

Page 1 of 1

**Sample Number** 2363253-1  
**Sampled Date** Jun 20, 2023 8:50 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 22, 2023  
**Condition of Sample** 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	9.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

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Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363254**

Date Received : Jun 21, 2023

Date Reported : Jun 24, 2023

Report Number : 2668905-1

Page 1 of 1

<b>Sample Number</b>	2363254-1
<b>Sampled Date</b>	Jun 21, 2023 9:15 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 21, 2023
<b>Condition of Sample</b>	Contained in one BOD bottle and one plastic 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

- LOD : Limit of Detection
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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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363254**

Date Received : Jun 21, 2023

Date Reported : Jun 24, 2023

Report Number : 2668905-2

Page 1 of 1

**Sample Number** 2363254-1  
**Sampled Date** Jun 21, 2023 9:15 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 22, 2023  
**Condition of Sample** Contained in one BOD bottle and one plastic 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow

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Narumon Banchongkit  
Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363255**

Date Received : Jun 22, 2023

Date Reported : Jun 26, 2023

Report Number : 2668906-1

Page 1 of 1

<b>Sample Number</b>	2363255-1
<b>Sampled Date</b>	Jun 22, 2023 9:49 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 22, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363255**

Date Received : Jun 22, 2023

Date Reported : Jun 26, 2023

Report Number : 2668906-2

Page 1 of 1

**Sample Number** 2363255-1  
**Sampled Date** Jun 22, 2023 9:49 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 26, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

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Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363256**

Date Received : Jun 23, 2023

Date Reported : Jun 27, 2023

Report Number : 2668907-1

Page 1 of 1

<b>Sample Number</b>	2363256-1
<b>Sampled Date</b>	Jun 23, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 23, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	32.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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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

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363256**

Date Received : Jun 23, 2023

Date Reported : Jun 27, 2023

Report Number : 2668907-2

Page 1 of 1

**Sample Number** 2363256-1  
**Sampled Date** Jun 23, 2023 9:00 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 26, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Paramet Sattayakun

Remark :

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

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363257**

Date Received : Jun 24, 2023

Date Reported : Jun 27, 2023

Report Number : 2668908-1

Page 1 of 1

<b>Sample Number</b>	2363257-1
<b>Sampled Date</b>	Jun 24, 2023 9:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 24, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :

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

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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363257**

Date Received : Jun 24, 2023

Date Reported : Jun 27, 2023

Report Number : 2668908-2

Page 1 of 1

**Sample Number** 2363257-1  
**Sampled Date** Jun 24, 2023 9:20 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 26, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Nattawut Athomprommarat

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363258**

Date Received : Jun 26, 2023

Date Reported : Jun 28, 2023

Report Number : 2668910-1

Page 1 of 1

<b>Sample Number</b>	2363258-1
<b>Sampled Date</b>	Jun 25, 2023 8:20 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 26, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :

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

Technical Management

*N. Banchongkit*

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon

Senior Manager

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363258**

Date Received : Jun 26, 2023

Date Reported : Jun 28, 2023

Report Number : 2668910-2

Page 1 of 1

**Sample Number** 2363258-1  
**Sampled Date** Jun 25, 2023 8:20 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 27, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Nattawut Athomprommarat

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363259**

Date Received : Jun 26, 2023

Date Reported : Jun 28, 2023

Report Number : 2668911-1

Page 1 of 1

<b>Sample Number</b>	2363259-1
<b>Sampled Date</b>	Jun 26, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 26, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Narunat thammassaro ทะเบียนเลขที่ ว-323-จ-9477

Remark :

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

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

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location:** CUP 2

**Lot ID: 2363259**

Date Received : Jun 26, 2023

Date Reported : Jun 28, 2023

Report Number : 2668911-2

Page 1 of 1

<b>Sample Number</b>	2363259-1
<b>Sampled Date</b>	Jun 26, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 27, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Narunat thammassaro

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Supervisor

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363260**

Date Received : Jun 27, 2023

Date Reported : Jun 29, 2023

Report Number : 2668912-1

Page 1 of 1

<b>Sample Number</b>	2363260-1
<b>Sampled Date</b>	Jun 27, 2023 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 27, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

- LOD : Limit of Detection
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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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363260**

Date Received : Jun 27, 2023

Date Reported : Jun 29, 2023

Report Number : 2668912-2

Page 1 of 1

**Sample Number** 2363260-1  
**Sampled Date** Jun 27, 2023 9:00 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jun 28, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnathakunchai

Remark :

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Supervisor

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**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363261**

Date Received : Jun 28, 2023

Date Reported : Jun 30, 2023

Report Number : 2668913-1

Page 1 of 1

<b>Sample Number</b>	2363261-1
<b>Sampled Date</b>	Jun 28, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 28, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	34.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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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

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363261**

Date Received : Jun 28, 2023

Date Reported : Jun 30, 2023

Report Number : 2668913-2

Page 1 of 1

<b>Sample Number</b>	2363261-1
<b>Sampled Date</b>	Jun 28, 2023 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 29, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Pathompong Kornasawat

Remark :

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

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363262**

Date Received : Jun 29, 2023

Date Reported : Jul 03, 2023

Report Number : 2668915-1

Page 1 of 1

<b>Sample Number</b>	2363262-1
<b>Sampled Date</b>	Jun 29, 2023 9:07 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 29, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

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

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363262**

Date Received : Jun 29, 2023

Date Reported : Jul 03, 2023

Report Number : 2668915-2

Page 1 of 1

<b>Sample Number</b>	2363262-1
<b>Sampled Date</b>	Jun 29, 2023 9:07 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jul 01, 2023
<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	5.9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Chainusorn Lertnathakunchai

Remark :

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2363263**

Date Received : Jun 30, 2023

Date Reported : Jul 04, 2023

Report Number : 2668917-1

Page 1 of 1

<b>Sample Number</b>	2363263-1
<b>Sampled Date</b>	Jun 30, 2023 9:05 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อดักจลัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
<b>Date Analysis Commenced</b>	Jun 30, 2023
<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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	33.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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

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

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2363263**

Date Received : Jun 30, 2023

Date Reported : Jul 04, 2023

Report Number : 2668917-2

Page 1 of 1

**Sample Number** 2363263-1  
**Sampled Date** Jun 30, 2023 9:05 AM  
**Sample Description** Wastewater  
**Location** บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)  
**Date Analysis Commenced** Jul 01, 2023  
**Condition of Sample** 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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 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).

**Sampling By :** Wanlop Hunchainaow

Remark :

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Supervisor

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## 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: 22154673**

Date Received : Jan 10, 2023

Date Reported : Jan 17, 2023

Report Number : 2533133-1

Page 1 of 4

<b>Sample Number</b>	22154673-1
<b>Sampled Date</b>	Jan 10, 2023 9:40 AM
<b>Sample Description</b>	Surface water
<b>Location</b>	คลองห้วยใหญ่ก่อนไหลผ่านพื้นที่ 500 เมตร
<b>Date Analysis Commenced</b>	Jan 10, 2023
<b>Condition of Sample</b>	Contained in one BOD 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	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Dissolved Oxygen	mg/L	-	0.1	6.8	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.3	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	26.3	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	60	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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

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

### Sampling By :

Remark :

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

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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: 22154673**

Date Received : Jan 10, 2023

Date Reported : Jan 17, 2023

Report Number : 2533133-1

Page 2 of 4

<b>Sample Number</b>	22154673-2
<b>Sampled Date</b>	Jan 10, 2023 9:30 AM
<b>Sample Description</b>	Surface water
<b>Location</b>	คลองห้วยใหญ่จุดระบายน้ำทิ้ง
<b>Date Analysis Commenced</b>	Jan 10, 2023
<b>Condition of Sample</b>	Contained in one BOD 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	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Dissolved Oxygen	mg/L	-	0.1	7.0	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.2	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	26.6	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	120	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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

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

### Sampling By :

Remark :

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

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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: 22154673**

Date Received : Jan 10, 2023

Date Reported : Jan 17, 2023

Report Number : 2533133-1

Page 3 of 4

<b>Sample Number</b>	22154673-3
<b>Sampled Date</b>	Jan 10, 2023 9:20 AM
<b>Sample Description</b>	Surface water
<b>Location</b>	คลองห้วยใหญ่จุดระบายน้ำทั้ง 500 เมตร
<b>Date Analysis Commenced</b>	Jan 10, 2023
<b>Condition of Sample</b>	Contained in one BOD 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	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Dissolved Oxygen	mg/L	-	0.1	7.0	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.2	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	26.6	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	212	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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

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

### Sampling By :

Remark :

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

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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: 22154673**

Date Received : Jan 10, 2023

Date Reported : Jan 17, 2023

Report Number : 2533133-1

Page 4 of 4

<b>Sample Number</b>	22154673-4
<b>Sampled Date</b>	Jan 10, 2023 10:21 AM
<b>Sample Description</b>	Surface water
<b>Location</b>	คลองห้วยใหญ่หลังจุดระบายน้ำทั้ง 2,000 เมตร
<b>Date Analysis Commenced</b>	Jan 10, 2023
<b>Condition of Sample</b>	Contained in one BOD 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	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Dissolved Oxygen	mg/L	-	0.1	7.8	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.6	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature	Degree C	-	-	27.1	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	836	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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

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

### Sampling By :

Remark :

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

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 231497**

Date Received : Feb 14, 2023

Date Reported : Feb 27, 2023

Report Number : 2535311-1

Page 1 of 4

<b>Sample Number</b>	231497-1
<b>Sampled Date</b>	Feb 14, 2023 9:20 AM
<b>Sample Description</b>	Surface water
<b>Location</b>	คลองห้วยใหญ่ก่อนไหลผ่านพื้นที่ 500 เมตร
<b>Date Analysis Commenced</b>	Feb 14, 2023
<b>Condition of Sample</b>	Contained in one BOD 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	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.6	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	6.4	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	28.8	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	52	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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

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

**Sampling By :** 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.

Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 231497**

Date Received : Feb 14, 2023

Date Reported : Feb 27, 2023

Report Number : 2535311-1

Page 2 of 4

<b>Sample Number</b>	231497-2
<b>Sampled Date</b>	Feb 14, 2023 9:15 AM
<b>Sample Description</b>	Surface water
<b>Location</b>	คลองห้วยใหญ่จุดระบายน้ำทิ้ง
<b>Date Analysis Commenced</b>	Feb 14, 2023
<b>Condition of Sample</b>	Contained in one BOD 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	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Dissolved Oxygen *	mg/L	-	0.1	6.6	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	6.9	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	28.4	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	100	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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

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

**Sampling By :** Tanasit Wongsachai

Remark :

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

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**TESTING**  
**No.0042**

**Lot ID: 231497**

Date Received : Feb 14, 2023

Date Reported : Feb 27, 2023

Report Number : 2535311-1

Page 3 of 4

**Sample Number** 231497-3  
**Sampled Date** Feb 14, 2023 9:10 AM  
**Sample Description** Surface water  
**Location** คลองห้วยใหญ่จุดระบายน้ำทั้ง 500 เมตร  
**Date Analysis Commenced** Feb 14, 2023  
**Condition of Sample** Contained in one BOD 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	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.0	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.1	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	29.1	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	232	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

**Guideline :** Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)  
n': Change from Natural condition not more than 3 degree C

**Sampling By :** Tanasit Wongsachai

Remark :

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 231497**

Date Received : Feb 14, 2023

Date Reported : Feb 27, 2023

Report Number : 2535311-1

Page 4 of 4

<b>Sample Number</b>	231497-4
<b>Sampled Date</b>	Feb 14, 2023 10:00 AM
<b>Sample Description</b>	Surface water
<b>Location</b>	คลองห้วยใหญ่หลังจุดระบายน้ำทั้ง 2,000 เมตร
<b>Date Analysis Commenced</b>	Feb 14, 2023
<b>Condition of Sample</b>	Contained in one BOD 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	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Dissolved Oxygen *	mg/L	-	0.1	6.2	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.5	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	30.3	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1070	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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

**Sampling By :** Tanasit Wongsachai

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Approved by

*N. Banongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

TESTING

No.0042

Lot ID: 2326692

Date Received : Mar 14, 2023

Date Reported : Mar 21, 2023

Report Number : 2588301-1

Client : Global Power Synergy Public Company Limited

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

P/O : DA41002956

Project Name : Monitoring

Project Location : CUP 2

Page 1 of 4

Sample Number	2326692-1
Sampled Date	Mar 14, 2023 9:25 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่ก่อนไหลผ่านพื้นที่ 500 เมตร
Date Analysis Commenced	Mar 14, 2023
Condition of Sample	Contained in one BOD 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	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Dissolved Oxygen *	mg/L	-	0.1	6.0	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.5	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	27.9	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	76	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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

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

**Sampling By** : Tanasit Wongsachai

Remark :

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Approved by

N. Banongkit

Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2326692**

Date Received : Mar 14, 2023

Date Reported : Mar 21, 2023

Report Number : 2588301-1

Page 2 of 4

<b>Sample Number</b>	2326692-2
<b>Sampled Date</b>	Mar 14, 2023 9:20 AM
<b>Sample Description</b>	Surface water
<b>Location</b>	คลองห้วยใหญ่จุดระบายน้ำทิ้ง
<b>Date Analysis Commenced</b>	Mar 14, 2023
<b>Condition of Sample</b>	Contained in one BOD 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	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Dissolved Oxygen *	mg/L	-	0.1	6.6	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.6	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	27.3	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	148	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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

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

**Sampling By :** Tanasit Wongsachai

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Approved by

*N. Banongkit*

Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2326692**

Date Received : Mar 14, 2023

Date Reported : Mar 21, 2023

Report Number : 2588301-1

Page 3 of 4

<b>Sample Number</b>	2326692-3
<b>Sampled Date</b>	Mar 14, 2023 9:09 AM
<b>Sample Description</b>	Surface water
<b>Location</b>	คลองห้วยใหญ่จุดระบายน้ำทั้ง 500 เมตร
<b>Date Analysis Commenced</b>	Mar 14, 2023
<b>Condition of Sample</b>	Contained in one BOD 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	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.0	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.4	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	28.7	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	272	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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

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

**Sampling By :** Tanasit Wongsachai

Remark :

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

**Lot ID: 2326692**

Date Received : Mar 14, 2023

Date Reported : Mar 21, 2023

Report Number : 2588301-1

Page 4 of 4

<b>Sample Number</b>	2326692-4
<b>Sampled Date</b>	Mar 14, 2023 10:20 AM
<b>Sample Description</b>	Surface water
<b>Location</b>	คลองห้วยใหญ่หลังจุดระบายน้ำทั้ง 2,000 เมตร
<b>Date Analysis Commenced</b>	Mar 14, 2023
<b>Condition of Sample</b>	Contained in one BOD 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	-	2.0	7.8	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Dissolved Oxygen *	mg/L	-	0.1	6.0	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.4	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	29.3	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1510	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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**Sampling By :** Tanasit Wongsachai

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2330455**

Date Received : Apr 11, 2023

Date Reported : Apr 20, 2023

Report Number : 2597747-1

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

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

Page 1 of 4

<b>Sample Number</b>	2330455-1
<b>Sampled Date</b>	Apr 11, 2023 9:33 AM
<b>Sample Description</b>	Surface water
<b>Location</b>	คลองห้วยใหญ่ก่อนไหลผ่านพื้นที่ 500 เมตร
<b>Date Analysis Commenced</b>	Apr 11, 2023
<b>Condition of Sample</b>	Contained in one BOD 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	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Dissolved Oxygen *	mg/L	-	0.1	6.0	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	6.9	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.0	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	114	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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

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

**Sampling By :** Tanasit Wongsachai

Remark :

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2330455**

Date Received : Apr 11, 2023

Date Reported : Apr 20, 2023

Report Number : 2597747-1

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

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

Page 2 of 4

<b>Sample Number</b>	2330455-2
<b>Sampled Date</b>	Apr 11, 2023 9:26 AM
<b>Sample Description</b>	Surface water
<b>Location</b>	คลองห้วยใหญ่จุดระบายน้ำทิ้ง
<b>Date Analysis Commenced</b>	Apr 11, 2023
<b>Condition of Sample</b>	Contained in one BOD 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	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Dissolved Oxygen *	mg/L	-	0.1	6.6	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.4	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.1	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	230	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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

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

**Sampling By :** Tanasit Wongsachai

Remark :

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2330455**

Date Received : Apr 11, 2023

Date Reported : Apr 20, 2023

Report Number : 2597747-1

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

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

Page 3 of 4

<b>Sample Number</b>	2330455-3
<b>Sampled Date</b>	Apr 11, 2023 9:15 AM
<b>Sample Description</b>	Surface water
<b>Location</b>	คลองห้วยใหญ่จุดระบายน้ำทั้ง 500 เมตร
<b>Date Analysis Commenced</b>	Apr 11, 2023
<b>Condition of Sample</b>	Contained in one BOD 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	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.0	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.2	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.0	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	428	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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

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

**Sampling By :** Tanasit Wongsachai

Remark :

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2330455**

Date Received : Apr 11, 2023

Date Reported : Apr 20, 2023

Report Number : 2597747-1

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

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

Page 4 of 4

<b>Sample Number</b>	2330455-4
<b>Sampled Date</b>	Apr 11, 2023 10:10 AM
<b>Sample Description</b>	Surface water
<b>Location</b>	คลองห้วยใหญ่หลังจุดระบายน้ำทั้ง 2,000 เมตร
<b>Date Analysis Commenced</b>	Apr 11, 2023
<b>Condition of Sample</b>	Contained in one BOD 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	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.2	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.8	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.3	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1650	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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

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

**Sampling By :** Tanasit Wongsachai

Remark :

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

TESTING

No.0042

Lot ID: 2343937

Date Received : May 09, 2023

Date Reported : May 16, 2023

Report Number : 2628635-1

Client : Global Power Synergy Public Company Limited

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

P/O : DA41002956

Project Name : Monitoring

Project Location : CUP 2

Page 1 of 4

Sample Number	2343937-1
Sampled Date	May 09, 2023 9:22 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่ก่อนไหลผ่านพื้นที่ 500 เมตร
Date Analysis Commenced	May 09, 2023
Condition of Sample	Contained in two plastic bottles 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>							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	3.2	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Dissolved Oxygen *	mg/L	-	0.1	7.4	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.1	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.9	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	91	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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

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

**Sampling By** : Sansoen Khuiyoksui

Remark :

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Approved by

N. Banchongkit

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2343937**

Date Received : May 09, 2023

Date Reported : May 16, 2023

Report Number : 2628635-1

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

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

Page 2 of 4

<b>Sample Number</b>	2343937-2
<b>Sampled Date</b>	May 09, 2023 9:15 AM
<b>Sample Description</b>	Surface water
<b>Location</b>	คลองห้วยใหญ่จุดระบายน้ำทิ้ง
<b>Date Analysis Commenced</b>	May 09, 2023
<b>Condition of Sample</b>	Contained in two plastic bottles 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>							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.6	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.8	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	30.5	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	350	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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

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

**Sampling By :** Sansoen Khuiyoksui

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Narumon Banchongkit  
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## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2343937**

Date Received : May 09, 2023

Date Reported : May 16, 2023

Report Number : 2628635-1

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

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

Page 3 of 4

<b>Sample Number</b>	2343937-3
<b>Sampled Date</b>	May 09, 2023 9:00 AM
<b>Sample Description</b>	Surface water
<b>Location</b>	คลองห้วยใหญ่จุดระบายน้ำทั้ง 500 เมตร
<b>Date Analysis Commenced</b>	May 09, 2023
<b>Condition of Sample</b>	Contained in two plastic bottles 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>							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Dissolved Oxygen *	mg/L	-	0.1	3.8	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.3	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.5	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	452	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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

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

**Sampling By :** Sansoen Khuiyoksui

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2343937**

Date Received : May 09, 2023

Date Reported : May 16, 2023

Report Number : 2628635-1

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

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

Page 4 of 4

<b>Sample Number</b>	2343937-4
<b>Sampled Date</b>	May 09, 2023 10:05 AM
<b>Sample Description</b>	Surface water
<b>Location</b>	คลองห้วยใหญ่หลังจตุรขวานน้ำทั้ง 2,000 เมตร
<b>Date Analysis Commenced</b>	May 09, 2023
<b>Condition of Sample</b>	Contained in two plastic bottles 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>							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Dissolved Oxygen *	mg/L	-	0.1	7.7	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.9	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.0	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1270	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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

**Sampling By :** Sansoen Khuiyoksui

Remark :

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*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2363228**

Date Received : Jun 13, 2023

Date Reported : Jun 20, 2023

Report Number : 2668851-1

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

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

Page 1 of 4

<b>Sample Number</b>	2363228-1
<b>Sampled Date</b>	Jun 13, 2023 9:35 AM
<b>Sample Description</b>	Surface water
<b>Location</b>	คลองห้วยใหญ่ก่อนไหลผ่านพื้นที่ 500 เมตร
<b>Date Analysis Commenced</b>	Jun 13, 2023
<b>Condition of Sample</b>	Contained in one BOD 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	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	4.7	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	6.6	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	27.5	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	123	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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

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

**Sampling By :** Chainusorn Lertnanthakunchai

Remark :

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

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2363228**

Date Received : Jun 13, 2023

Date Reported : Jun 20, 2023

Report Number : 2668851-1

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

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

Page 2 of 4

<b>Sample Number</b>	2363228-2
<b>Sampled Date</b>	Jun 13, 2023 9:25 AM
<b>Sample Description</b>	Surface water
<b>Location</b>	คลองห้วยใหญ่จุดระบายน้ำทิ้ง
<b>Date Analysis Commenced</b>	Jun 13, 2023
<b>Condition of Sample</b>	Contained in one BOD 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	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.5	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.1	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	28.0	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	212	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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

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

**Sampling By :** Chainusorn Lertnanthakunchai

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2363228**

Date Received : Jun 13, 2023

Date Reported : Jun 20, 2023

Report Number : 2668851-1

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

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

Page 3 of 4

<b>Sample Number</b>	2363228-3
<b>Sampled Date</b>	Jun 13, 2023 9:15 AM
<b>Sample Description</b>	Surface water
<b>Location</b>	คลองห้วยใหญ่จุดระบายน้ำทั้ง 500 เมตร
<b>Date Analysis Commenced</b>	Jun 13, 2023
<b>Condition of Sample</b>	Contained in one BOD 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	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	4.7	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.2	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	27.0	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	374	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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

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

**Sampling By :** Chainusorn Lertnanthakunchai

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Approved by

*N. Banchongkit*

Narumon Banchongkit  
Supervisor

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## Analysis / Test Report

TESTING

No.0042

**Lot ID: 2363228**

Date Received : Jun 13, 2023

Date Reported : Jun 20, 2023

Report Number : 2668851-1

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

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

**P/O :** DA41002956

**Project Name :** Monitoring

**Project Location :** CUP 2

Page 4 of 4

<b>Sample Number</b>	2363228-4
<b>Sampled Date</b>	Jun 13, 2023 10:50 AM
<b>Sample Description</b>	Surface water
<b>Location</b>	คลองห้วยใหญ่หลังจตุรขวาน้ำทั้ง 2,000 เมตร
<b>Date Analysis Commenced</b>	Jun 13, 2023
<b>Condition of Sample</b>	Contained in one BOD 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	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	6.1	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.6	5.0-9.0	In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	27.5	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1340	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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

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

**Sampling By :** Chainusorn Lertnanthakunchai

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Approved by

*N. Banongkit*

Narumon Banchongkit  
Supervisor

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## 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 :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322359**  
Date Received : Mar 23, 2023  
Date Reported : Mar 27, 2023  
Report Number: 2579526-1

Page 1 of 6

**Sample Number** 2322359-1  
**Parameter** Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)  
**Measurement Date** Mar 22, 2023  
**Measurement by** Nattakarn Vonginyoo  
**Location** ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : - )

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
Auxiliary Boiler	120	29.2	26.9	34.6	34.5
Average (WBGT)		29.2			
Guideline WBGT (°C)		34.0			

**Reference Method :** Wet Bulb Globe Temperature

**Guideline:**

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

**Technical Management**

Supot Salamteh  
Section Head

**Approved by**

Wichan Choonharat  
Assistant Manager

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## Analysis / Test Report

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92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand  
21150  
**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322359**  
Date Received : Mar 23, 2023  
Date Reported : Mar 27, 2023  
Report Number: 2579526-1

Page 2 of 6

**Sample Number** 2322359-2  
**Parameter** Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)  
**Measurement Date** Mar 22, 2023  
**Measurement by** Nattakarn Vonginyoo  
**Location** ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
HRSG #1	120	28.9	26.5	34.5	34.3
Average (WBGT)		28.9			
Guideline WBGT (°C)		34.0			

**Reference Method :** Wet Bulb Globe Temperature

**Guideline:**

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

**Technical Management**

Supot Salamteh  
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## Analysis / Test Report

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**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322359**  
Date Received : Mar 23, 2023  
Date Reported : Mar 27, 2023  
Report Number: 2579526-1

Page 3 of 6

**Sample Number** 2322359-3  
**Parameter** Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)  
**Measurement Date** Mar 22, 2023  
**Measurement by** Nattakarn Vonginyoo  
**Location** ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
HRSG #2	120	29.0	26.6	34.8	34.5
Average (WBGT)		29.0			
Guideline WBGT (°C)		34.0			

**Reference Method :** Wet Bulb Globe Temperature

**Guideline:**

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

**Technical Management**

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21150  
**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322359**  
Date Received : Mar 23, 2023  
Date Reported : Mar 27, 2023  
Report Number: 2579526-1

Page 4 of 6

**Sample Number** 2322359-4  
**Parameter** Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)  
**Measurement Date** Mar 22, 2023  
**Measurement by** Nattakarn Vonginyoo  
**Location** ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
GTG #1	120	30.8	27.6	38.4	38.3
Average (WBGT)		30.8			
Guideline WBGT (°C)		34.0			

**Reference Method :** Wet Bulb Globe Temperature

**Guideline:**

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
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Technical Management

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## Analysis / Test Report

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21150  
**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322359**  
Date Received : Mar 23, 2023  
Date Reported : Mar 27, 2023  
Report Number: 2579526-1

Page 5 of 6

**Sample Number** 2322359-5  
**Parameter** Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)  
**Measurement Date** Mar 22, 2023  
**Measurement by** Nattakarn Vonginyoo  
**Location** ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : - )

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
GTG #2	120	30.8	27.5	38.5	38.3
Average (WBGT)		30.8			
Guideline WBGT (°C)		34.0			

**Reference Method :** Wet Bulb Globe Temperature

**Guideline:**

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

Technical Management

Supot Salamteh  
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21150  
**P/O :** DA41002956  
**Project Name :** Monitoring  
**Project Location :** CUP 2

**Lot ID: 2322359**  
Date Received : Mar 23, 2023  
Date Reported : Mar 27, 2023  
Report Number: 2579526-1

Page 6 of 6

**Sample Number** 2322359-6  
**Parameter** Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)  
**Measurement Date** Mar 22, 2023  
**Measurement by** Nattakarn Vonginyoo  
**Location** ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : - )

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
STG #1	120	28.8	26.4	34.3	34.2
Average (WBGT)		28.8			
Guideline WBGT (°C)		34.0			

**Reference Method :** Wet Bulb Globe Temperature

**Guideline:**

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
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**Technical Management**

Supot Salamteh  
Section Head

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