

ภาคผนวก ค

ใบรับรองผลการวิเคราะห์



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: 2424190

Date Received : Apr 01, 2024

Date Reported : Apr 10, 2024

Report Number: 2962276-1

Page 1 of 1

Sample Description Air Quality
Location ชุมชนตลาดห้วยโป่ง
Parameter Nitrogen dioxide (ppm)
Measurement Date Mar 22, 2024 - Mar 29, 2024
Measurement by Chatchai Sukpia

	2424190-1 Mar 22, 2024	2424190-2 Mar 23, 2024	2424190-3 Mar 24, 2024	2424190-4 Mar 25, 2024	2424190-5 Mar 26, 2024	2424190-6 Mar 27, 2024	2424190-7 Mar 28, 2024
Time							
09:00 AM - 10:00 AM	0.045	0.010	0.041	0.013	0.009	0.011	0.015
10:00 AM - 11:00 AM	0.064	0.011	0.038	0.010	0.008	0.009	0.011
11:00 AM - 12:00 PM	0.063	0.012	0.036	0.010	0.008	0.009	0.010
12:00 PM - 01:00 PM	0.038	0.013	0.035	0.010	0.008	0.008	0.009
01:00 PM - 02:00 PM	0.020	0.018	0.032	0.009	0.008	0.008	0.009
02:00 PM - 03:00 PM	0.008	0.021	0.033	0.010	0.008	0.008	0.008
03:00 PM - 04:00 PM	0.004	0.036	0.029	0.014	0.008	0.008	0.012
04:00 PM - 05:00 PM	0.005	0.057	0.024	0.011	0.008	0.008	0.009
05:00 PM - 06:00 PM	0.006	0.072	0.022	0.011	0.008	0.009	0.009
06:00 PM - 07:00 PM	0.011	0.079	0.020	0.010	0.008	0.008	0.010
07:00 PM - 08:00 PM	0.022	0.081	0.018	0.009	0.008	0.009	0.009
08:00 PM - 09:00 PM	0.041	0.081	0.018	0.009	0.008	0.009	0.009
09:00 PM - 10:00 PM	0.053	0.076	0.016	0.009	0.008	0.009	0.010
10:00 PM - 11:00 PM	0.058	0.071	0.014	0.009	0.008	0.009	0.008
11:00 PM - 12:00 AM	0.059	0.067	0.013	0.009	0.008	0.009	0.008
12:00 AM - 01:00 AM	0.054	0.067	0.013	0.009	0.008	0.009	0.007
01:00 AM - 02:00 AM	0.050	0.064	0.012	0.012	0.011	0.016	0.007
02:00 AM - 03:00 AM	0.059	0.058	0.015	0.011	0.019	0.017	0.014
03:00 AM - 04:00 AM	0.063	0.058	0.013	0.010	0.015	0.017	0.012
04:00 AM - 05:00 AM	0.072	0.060	0.012	0.016	0.009	0.018	0.014
05:00 AM - 06:00 AM	0.079	0.054	0.014	0.031	0.010	0.014	0.009
06:00 AM - 07:00 AM	0.077	0.050	0.024	0.030	0.013	0.015	0.010
07:00 AM - 08:00 AM	0.048	0.044	0.019	0.026	0.010	0.015	0.010
08:00 AM - 09:00 AM	0.014	0.049	0.020	0.016	0.014	0.013	0.010
Average	0.042	0.050	0.022	0.013	0.009	0.011	0.010
1hr - Maximum	0.079	0.081	0.041	0.031	0.019	0.018	0.015
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)

Note : This Analysis test report is reissued to supersede report No. 2923572-1, Date Reported : Apr 05, 2024 due to revise analytical information.

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Tanyatorn Mongkonjirawut
Supervisor

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

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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: 2424190

Date Received : Apr 01, 2024

Date Reported : Apr 10, 2024

Report Number: 2962277-1

Page 1 of 1

Sample Description Air Quality
Location ชุมชนบ้านพลอง
Parameter Nitrogen dioxide (ppm)
Measurement Date Mar 22, 2024 - Mar 29, 2024
Measurement by Chatchai Sukpia

	2424190-8 Mar 22, 2024	2424190-9 Mar 23, 2024	2424190-10 Mar 24, 2024	2424190-11 Mar 25, 2024	2424190-12 Mar 26, 2024	2424190-13 Mar 27, 2024	2424190-14 Mar 28, 2024
Time							
10:00 AM - 11:00 AM	0.030	0.031	0.032	0.038	0.010	0.015	0.033
11:00 AM - 12:00 PM	0.036	0.018	0.022	0.024	0.009	0.015	0.026
12:00 PM - 01:00 PM	0.038	0.013	0.026	0.011	0.012	0.025	0.035
01:00 PM - 02:00 PM	0.037	0.014	0.023	0.023	0.012	0.034	0.076
02:00 PM - 03:00 PM	0.033	0.016	0.028	0.038	0.021	0.037	0.061
03:00 PM - 04:00 PM	0.027	0.016	0.015	0.030	0.013	0.030	0.061
04:00 PM - 05:00 PM	0.024	0.016	0.021	0.026	0.013	0.023	0.030
05:00 PM - 06:00 PM	0.021	0.017	0.016	0.018	0.015	0.020	0.025
06:00 PM - 07:00 PM	0.020	0.017	0.017	0.017	0.019	0.017	0.027
07:00 PM - 08:00 PM	0.019	0.017	0.018	0.029	0.024	0.020	0.024
08:00 PM - 09:00 PM	0.019	0.016	0.018	0.016	0.020	0.016	0.018
09:00 PM - 10:00 PM	0.021	0.020	0.018	0.014	0.019	0.016	0.016
10:00 PM - 11:00 PM	0.021	0.017	0.017	0.014	0.018	0.016	0.017
11:00 PM - 12:00 AM	0.021	0.016	0.017	0.014	0.016	0.019	0.017
12:00 AM - 01:00 AM	0.023	0.019	0.017	0.014	0.016	0.017	0.017
01:00 AM - 02:00 AM	0.022	0.019	0.016	0.014	0.020	0.017	0.017
02:00 AM - 03:00 AM	0.017	0.018	0.016	0.014	0.018	0.018	0.016
03:00 AM - 04:00 AM	0.016	0.020	0.015	0.013	0.017	0.018	0.016
04:00 AM - 05:00 AM	0.019	0.019	0.016	0.014	0.017	0.018	0.015
05:00 AM - 06:00 AM	0.025	0.020	0.017	0.015	0.019	0.022	0.017
06:00 AM - 07:00 AM	0.037	0.022	0.020	0.016	0.024	0.029	0.020
07:00 AM - 08:00 AM	0.032	0.020	0.017	0.015	0.018	0.025	0.021
08:00 AM - 09:00 AM	0.029	0.021	0.019	0.016	0.016	0.019	0.038
09:00 AM - 10:00 AM	0.038	0.018	0.030	0.012	0.020	0.040	0.022
Average	0.026	0.018	0.020	0.019	0.017	0.022	0.028
1hr - Maximum	0.038	0.031	0.032	0.038	0.024	0.040	0.076
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)

Note : This Analysis test report is reissued to supersede report No. 2958286-1, Date Reported : Apr 05, 2024 due to revise analytical information.

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Tanyatorn Mongkonjirawut
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

Lot ID: 2424195
Date Received :Apr 01, 2024
Date Reported :Apr 06, 2024
Report Number :2928622-1

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

Page 1 of 2

Sample Number 2424195-1 to 7
Parameter Wind Speed / Wind Direction
Location ชุมชนตลาดห้วยโป่ง
Sampling Date Mar 22 - Mar 29, 2024
Sampling by Chatchai Sukpia

Time	Mar 22 - Mar 23, 2024			Mar 23 - Mar 24, 2024			Mar 24 - Mar 25, 2024			Mar 25 - Mar 26, 2024			Mar 26 - Mar 27, 2024			Mar 27 - Mar 28, 2024			Mar 28 - Mar 29, 2024		
	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)	
09:00 AM - 10:00 AM	1.2	163.0	SSE	1.6	299.0	WNW	0.9	197.0	SSW	1.5	212.0	SSW	1.5	206.0	SSW	0.0	-	-	1.2	188.0	S
10:00 AM - 11:00 AM	0.8	144.0	SE	0.9	256.0	WSW	0.6	326.0	NW	1.5	148.0	SSE	1.9	226.0	SW	0.0	-	-	1.4	227.0	SW
11:00 AM - 12:00 PM	0.9	158.0	SSE	1.1	306.0	NW	3.6	201.0	SSW	1.3	142.0	SE	0.7	328.0	NNW	0.2	-	-	1.4	136.0	SE
12:00 PM - 01:00 PM	1.6	146.0	SE	1.9	247.0	WSW	2.4	230.0	SW	3.7	221.0	SW	1.7	181.0	S	0.2	-	-	0.9	338.0	NNW
01:00 PM - 02:00 PM	1.2	200.0	SSW	1.8	198.0	SSW	3.0	277.0	W	1.7	210.0	SSW	1.0	359.0	N	0.2	-	-	1.1	245.0	WSW
02:00 PM - 03:00 PM	1.9	224.0	SW	2.9	259.0	W	1.8	307.0	NW	1.5	203.0	SSW	2.2	286.0	WNW	1.5	211.0	SSW	1.3	310.0	NW
03:00 PM - 04:00 PM	1.0	213.0	SSW	2.3	273.0	W	0.3	222.0	SW	2.8	228.0	SW	2.3	211.0	SSW	0.7	237.0	WSW	1.0	228.0	SW
04:00 PM - 05:00 PM	2.0	60.0	ENE	1.7	355.0	N	0.1	-	-	2.5	255.0	WSW	0.8	167.0	SSE	0.8	308.0	NW	1.4	200.0	SSW
05:00 PM - 06:00 PM	1.4	147.0	SSE	1.4	204.0	SSW	0.3	264.0	W	0.6	261.0	W	0.8	288.0	WNW	1.3	220.0	SW	1.0	206.0	SSW
06:00 PM - 07:00 PM	1.5	157.0	SSE	1.2	142.0	SE	0.0	-	-	0.8	283.0	WNW	1.1	244.0	WSW	0.3	271.0	W	0.8	216.0	SW
07:00 PM - 08:00 PM	3.0	247.0	WSW	0.7	217.0	SW	1.4	289.0	WNW	0.4	213.0	SSW	0.5	290.0	WNW	0.9	270.0	W	1.6	216.0	SW
08:00 PM - 09:00 PM	1.5	153.0	SSE	0.0	-	-	1.3	281.0	W	1.5	189.0	S	1.4	198.0	SSW	0.6	223.0	SW	0.6	211.0	SSW
09:00 PM - 10:00 PM	2.7	195.0	SSW	0.9	225.0	SW	0.2	-	-	1.8	152.0	SSE	0.0	-	-	3.6	204.0	SSW	1.4	185.0	S
10:00 PM - 11:00 PM	0.8	178.0	S	0.3	210.0	SSW	0.6	216.0	SW	0.9	257.0	WSW	0.0	-	-	0.0	-	-	0.0	-	-
11:00 PM - 12:00 AM	0.0	-	-	0.3	275.0	W	1.3	303.0	WNW	0.1	-	-	0.4	221.0	SW	1.2	281.0	W	0.1	-	-
12:00 AM - 01:00 AM	0.3	305.0	NW	1.0	245.0	WSW	0.7	229.0	SW	0.3	245.0	WSW	0.3	201.0	SSW	0.5	303.0	WNW	0.0	-	-
01:00 AM - 02:00 AM	0.2	-	-	0.9	193.0	SSW	1.2	265.0	W	1.2	273.0	W	0.2	-	-	0.2	-	-	1.2	196.0	SSW
02:00 AM - 03:00 AM	0.3	285.0	WNW	0.7	104.0	ESE	2.1	223.0	SW	0.6	257.0	WSW	0.1	-	-	0.8	301.0	WNW	2.9	156.0	SSE
03:00 AM - 04:00 AM	0.6	179.0	S	0.1	-	-	0.7	290.0	WNW	0.9	276.0	W	0.3	297.0	WNW	1.6	283.0	WNW	0.9	208.0	SSW
04:00 AM - 05:00 AM	0.0	-	-	0.0	-	-	0.8	260.0	W	0.3	271.0	W	0.9	278.0	W	0.9	302.0	WNW	0.0	-	-
05:00 AM - 06:00 AM	0.0	-	-	0.0	-	-	0.4	295.0	WNW	0.5	192.0	SSW	0.8	210.0	SSW	0.6	73.0	ENE	0.0	-	-
06:00 AM - 07:00 AM	1.0	222.0	SW	0.5	332.0	NNW	0.7	9.0	N	0.9	304.0	NW	0.1	-	-	0.0	-	-	0.0	-	-
07:00 AM - 08:00 AM	0.0	-	-	0.6	308.0	NW	0.7	206.0	SSW	2.2	195.0	SSW	0.3	29.0	NNE	0.0	-	-	0.0	-	-
08:00 AM - 09:00 AM	0.6	236.0	SW	2.2	237.0	WSW	0.9	235.0	SW	0.2	-	-	0.7	265.0	W	2.0	199.0	SSW	0.7	306.0	NW

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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

Approved by

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

Lot ID: 2424195

Date Received : Apr 01, 2024

Date Reported : Apr 06, 2024

Report Number : 2928622-1

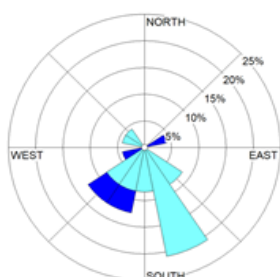
P/O :

Project Name : Monitoring

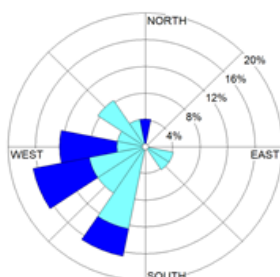
Project Location : CUP 2

Page 2 of 2

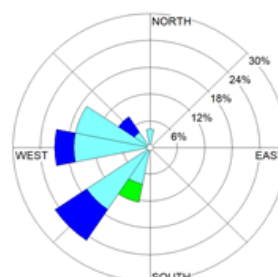
Wind Rose



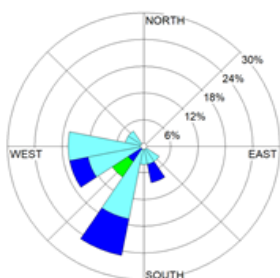
Date : Mar 22-23, 2024



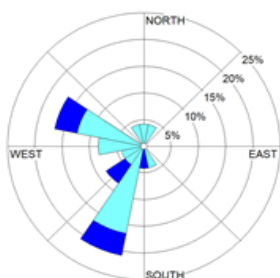
Date : Mar 23-24, 2024



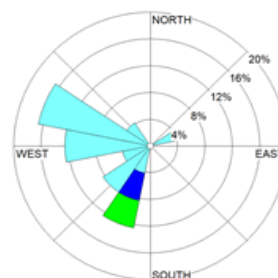
Date : Mar 24-25, 2024



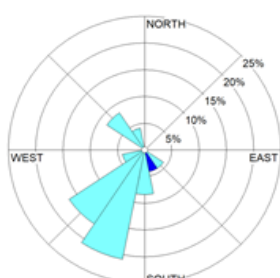
Date : Mar 25-26, 2024



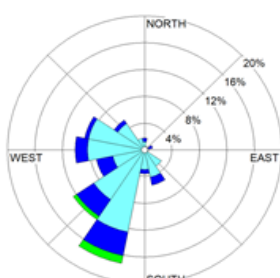
Date : Mar 26-27, 2024



Date : Mar 27-28, 2024



Date : Mar 28-29, 2024



Date : Mar 22-29, 2024

WS(m/s)	%
≥ 10.0	0.00
8.0-10.0	0.00
5.5-8.0	0.00
3.3-5.5	1.79
1.7-3.3	14.88
0.3-1.7	62.50
Calms	20.83

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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 :

Project Name : Monitoring

Project Location : CUP 2

Lot ID: 2424212

Date Received : Mar 28, 2024

Date Reported : Apr 06, 2024

Report Number : 2923602-1

Page 1 of 1

Sample Number 2424212-1
Sample Description Emission from Stationary Source
Location Auxilliary boiler (GPS 47P 0734926, 1410957)
Measurement Date Mar 28, 2024

Stack Description

Ambient Temperature	31 °C	Diameter	1.50 m	Oxygen	4.46 %
Ambient Pressure	757 mmHg	Shape	Circle	Carbon dioxide	9.47 %
Type of Process	Combustion	Stack Temperature	115 °C	Gas Velocity	4.53 m/s
Type of Fuel	Natural Gas	Moisture	19.11 %	Flow Rate	17827 Nm3/hr

Run No.	Sampling Time	Oxygen (%)	Carbon Dioxide (%)	Oxides of Nitrogen (ppm)		Sulfur Dioxide (ppm)	
				at Actual O ₂	at 7% O ₂	at Actual O ₂	at 7% O ₂
1	09:50 AM - 10:10 AM	4.46	9.47	49.52	41.87	0.36	0.30
2	10:11 AM - 10:31 AM	4.43	9.48	48.45	40.88	0.34	0.29
3	10:32 AM - 10:52 AM	4.49	9.45	49.28	41.75	0.36	0.30
Average (ppm)		4.46	9.47	49.08	41.50	0.35	0.30
Guideline ^{1/} (ppm)				-	50	-	-
Guideline ^{2/} (ppm)				-	120	-	20
Result (mg/Nm ³)				92.34	78.08	0.92	0.78
Emission Rate at Actual O ₂ (g/s)				0.4573		0.0046	
Guideline ^{1/} (g/s)				1.56		-	
Method				US EPA Method 7E		US EPA Method 6C	

Sampled By : Saksit Phaisanphisut

Guideline : ^{1/} Environmental Impact Assessment Report of Global Power Synergy Public Company Limited (CUP 2)

^{2/} 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 :

Project Name : Monitoring

Project Location : CUP 2

Lot ID: 2424205

Date Received : Mar 26, 2024

Date Reported : Mar 28, 2024

Report Number : 2923597-1

Page 1 of 1

Sample Number 2424205-1
Sample Description Emission from Stationary Source
Location HRSG 1 (GPS 47P 0734939, 1411053)
Measurement Date Mar 26, 2024

Stack Description

Ambient Temperature	32 °C	Diameter	3.40 m	Oxygen	14.93 %
Ambient Pressure	757 mmHg	Shape	Circle	Carbon dioxide	3.37 %
Type of Process	Combustion	Stack Temperature	179 °C	Gas Velocity	24.50 m/s
Type of Fuel	Natural Gas	Moisture	11.10 %	Flow Rate	467311 Nm3/hr

Run No.	Sampling Time	Oxygen (%)	Carbon Dioxide (%)	Oxides of Nitrogen (ppm)		Sulfur Dioxide (ppm)	
				at Actual O ₂	at 7% O ₂	at Actual O ₂	at 7% O ₂
1	11:05 AM - 11:25 AM	14.95	3.35	10.16	23.75	0.10	0.24
2	11:26 AM - 11:46 AM	14.93	3.37	10.19	23.72	0.09	0.22
3	11:47 AM - 12:07 PM	14.91	3.38	10.14	23.53	0.09	0.21
Average (ppm)		14.93	3.37	10.16	23.67	0.10	0.22
Guideline ^{1/} (ppm)				-	35	-	-
Guideline ^{2/} (ppm)				-	120	-	20
Result (mg/Nm ³)				19.12	44.52	0.25	0.58
Emission Rate at Actual O ₂ (g/s)				2.4821		0.0325	
Guideline ^{1/} (g/s)				6.73		-	
Method				US EPA Method 7E		US EPA Method 6C	

Sampled By : Saksit Phaisanphisut

Guideline : ^{1/} Environmental Impact Assessment Report of Global Power Synergy Public Company Limited (CUP 2)

^{2/} 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

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



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: 2424211

Date Received : Mar 27, 2024

Date Reported : Apr 06, 2024

Report Number : 2923598-1

Page 1 of 1

Sample Number 2424211-1
Sample Description Emission from Stationary Source
Location HRSG 2 (GPS 47P 0734915, 1410987)
Measurement Date Mar 27, 2024

Stack Description

Ambient Temperature	30 °C	Diameter	3.40 m	Oxygen	14.56 %
Ambient Pressure	757 mmHg	Shape	Circle	Carbon dioxide	3.57 %
Type of Process	Combustion	Stack Temperature	180 °C	Gas Velocity	25.78 m/s
Type of Fuel	Natural Gas	Moisture	11.72 %	Flow Rate	487200 Nm3/hr

Run No.	Sampling Time	Oxygen (%)	Carbon Dioxide (%)	Oxides of Nitrogen (ppm)		Sulfur Dioxide (ppm)	
				at Actual O ₂	at 7% O ₂	at Actual O ₂	at 7% O ₂
1	10:30 AM - 10:50 AM	14.59	3.55	7.61	16.75	0.07	0.16
2	10:51 AM - 11:11 AM	14.57	3.57	7.38	16.21	0.08	0.19
3	11:12 AM - 11:32 AM	14.53	3.59	9.28	20.24	0.12	0.27
Average (ppm)		14.56	3.57	8.09	17.73	0.09	0.21
Guideline ^{1/} (ppm)				-	35	-	-
Guideline ^{2/} (ppm)				-	120	-	20
Result (mg/Nm ³)				15.22	33.36	0.25	0.54
Emission Rate at Actual O ₂ (g/s)				2.0594		0.0332	
Guideline ^{1/} (g/s)				6.73		-	
Method				US EPA Method 7E		US EPA Method 6C	

Sampled By : Saksit Phaisanphisut

Guideline : ^{1/} Environmental Impact Assessment Report of Global Power Synergy Public Company Limited (CUP 2)

^{2/} 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 :

Project Name : Monitoring

Project Location : CUP 2

Lot ID: 2424217

Date Received : Mar 11, 2024

Date Reported : Mar 22, 2024

Report Number : 2923636-1

Page 1 of 8

Sample Number 2424217-1
Sampled Date Mar 11, 2024
Sample Description Air Quality
Location HRSG 1
Date Analysis Commenced Mar 12, 2024
Condition of Sample Drawn into one amber plastic bottle, refrigerated
Barometric Pressure 756 mmHg
Atmospheric Temperature 29.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
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 : Chanon Booncheun

Remark :

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

Approved by

Orawan R.

Orawan Rakyong
Scientist (3)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

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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: 2424217

Date Received : Mar 11, 2024

Date Reported : Mar 22, 2024

Report Number : 2923636-1

Page 2 of 8

Sample Number 2424217-2
Sampled Date Mar 11, 2024
Sample Description Air Quality
Location HRSG 2
Date Analysis Commenced Mar 12, 2024
Condition of Sample Drawn into one amber plastic bottle, refrigerated
Barometric Pressure 756 mmHg
Atmospheric Temperature 29.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
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 : Chanon Booncheun

Remark :

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

Approved by

Orawan R.

Orawan Rakyong
Scientist (3)

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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: 2424217

Date Received : Mar 11, 2024

Date Reported : Mar 22, 2024

Report Number : 2923636-1

Page 3 of 8

Sample Number 2424217-3
Sampled Date Mar 11, 2024
Sample Description Air Quality
Location NH4OH Tank
Date Analysis Commenced Mar 12, 2024
Condition of Sample Drawn into one amber plastic bottle, refrigerated
Barometric Pressure 756 mmHg
Atmospheric Temperature 29.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
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 : Chanon Booncheun

Remark :

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

Approved by

Orawan R.

Orawan Rakyong
Scientist (3)

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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: 2424217

Date Received : Mar 11, 2024

Date Reported : Mar 22, 2024

Report Number : 2923636-1

Page 4 of 8

Sample Number 2424217-4
Sampled Date Mar 11, 2024
Sample Description Air Quality
Location Cooling Tower
Date Analysis Commenced Mar 14, 2024
Condition of Sample Drawn into one amber plastic bottle, refrigerated
Barometric Pressure 756 mmHg
Atmospheric Temperature 29.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
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 : Chanon Booncheun

Remark :

- LOD : Limit of Detection
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Approved by

Orawan R.

Orawan Rakyong
Scientist (3)

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

Lot ID: 2424217

Date Received : Mar 11, 2024
Date Reported : Mar 22, 2024
Report Number : 2923636-1

Page 5 of 8

Sample Number 2424217-5
Sampled Date Mar 11, 2024
Sample Description Air Quality
Location RO Plant
Date Analysis Commenced Mar 14, 2024
Condition of Sample Drawn into one amber plastic bottle, refrigerated
Barometric Pressure 756 mmHg
Atmospheric Temperature 29.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
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 : Chanon Booncheun

Remark :

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Approved by

Orawan R.

Orawan Rakyong
Scientist (3)

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

Lot ID: 2424217

Date Received : Mar 11, 2024
Date Reported : Mar 22, 2024
Report Number : 2923636-1

Page 6 of 8

Sample Number 2424217-6
Sampled Date Mar 11, 2024
Sample Description Air Quality
Location HCl Tank
Date Analysis Commenced Mar 13, 2024
Condition of Sample Drawn into one sorbent tube, refrigerated
Barometric Pressure 756 mmHg
Atmospheric Temperature 29.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Hydrogen chloride	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 : Chanon Booncheun

Remark :

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Approved by

Orawan R.

Orawan Rakyong
Scientist (3)

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P/O :

Project Name : Monitoring

Project Location : CUP 2

Lot ID: 2424217

Date Received : Mar 11, 2024

Date Reported : Mar 22, 2024

Report Number : 2923636-1

Page 7 of 8

Sample Number 2424217-7
Sampled Date Mar 11, 2024
Sample Description Air Quality
Location NaOH Tank
Date Analysis Commenced Mar 16, 2024
Condition of Sample Drawn into one filter paper placed in plastic cassette
Barometric Pressure 756 mmHg
Atmospheric Temperature 29.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
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 : Chanon Booncheun

Remark :

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

Approved by

Orawan R.

Orawan Rakyong
Scientist (3)

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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: 2424217

Date Received : Mar 11, 2024

Date Reported : Mar 22, 2024

Report Number : 2923636-1

Page 8 of 8

Sample Number 2424217-8
Sampled Date Mar 11, 2024
Sample Description Air Quality
Location H2SO4 Tank
Date Analysis Commenced Mar 13, 2024
Condition of Sample Drawn into one sorbent tube, refrigerated
Barometric Pressure 756 mmHg
Atmospheric Temperature 29.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
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 : Chanon Booncheun

Remark :

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

Approved by

Orawan R.

Orawan Rakyong
Scientist (3)

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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 :

Project Name : Monitoring

Project Location : CUP 2

Lot ID: 2424199

Date Received : Apr 01, 2024

Date Reported : Apr 03, 2024

Report Number: 2955781-1

Page 1 of 1

Sample Number 2424199-1
Parameter Noise (Leq 24 hrs.)
Location ร่มรั้วด้านทางเข้าโรงงาน
Measurement Date Mar 22 - Mar 23, 2024
Measurement by Chatchai Sukpia
Sound Level meter Serial No. 623396

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	62.7	84.3	62.0
12:00 PM - 01:00 PM	62.0	68.8	61.5
01:00 PM - 02:00 PM	62.1	71.2	61.4
02:00 PM - 03:00 PM	62.1	70.1	61.6
03:00 PM - 04:00 PM	62.6	67.7	62.1
04:00 PM - 05:00 PM	63.1	71.6	62.4
05:00 PM - 06:00 PM	65.7	77.4	62.9
06:00 PM - 07:00 PM	67.7	79.4	62.9
07:00 PM - 08:00 PM	67.8	79.5	64.4
08:00 PM - 09:00 PM	65.5	77.4	63.1
09:00 PM - 10:00 PM	63.7	76.2	62.5
10:00 PM - 11:00 PM	63.3	73.2	62.5
11:00 PM - 12:00 AM	62.5	73.1	62.0
12:00 AM - 01:00 AM	62.2	68.5	61.8
01:00 AM - 02:00 AM	62.1	69.3	61.7
02:00 AM - 03:00 AM	62.0	63.4	61.7
03:00 AM - 04:00 AM	62.1	65.3	61.7
04:00 AM - 05:00 AM	62.6	69.8	62.2
05:00 AM - 06:00 AM	62.7	76.9	62.2
06:00 AM - 07:00 AM	62.4	71.0	61.9
07:00 AM - 08:00 AM	62.0	67.2	61.6
08:00 AM - 09:00 AM	62.4	71.6	61.9
09:00 AM - 10:00 AM	62.3	70.1	61.7
10:00 AM - 11:00 AM	62.4	72.4	61.8

Leq Average 24 hrs. (dB(A)) 63.6
Lmax (dB(A)) 84.3
L90 (dB(A)) 61.9
Ldn (dB(A)) 69.1
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



Analysis / Test Report

TESTING
No.0042

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

P/O :

Project Name : Monitoring

Project Location : CUP 2

Lot ID: 2424199

Date Received : Apr 01, 2024

Date Reported : Apr 03, 2024

Report Number: 2955782-1

Page 1 of 1

Sample Number 2424199-2
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านทางเข้าโรงงาน
Measurement Date Mar 23 - Mar 24, 2024
Measurement by Chatchai Sukpia
Sound Level meter Serial No. 623396

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	62.7	66.1	62.1
12:00 PM - 01:00 PM	63.0	75.3	62.3
01:00 PM - 02:00 PM	63.3	71.4	62.5
02:00 PM - 03:00 PM	63.1	73.8	62.4
03:00 PM - 04:00 PM	63.0	67.9	62.4
04:00 PM - 05:00 PM	63.0	69.2	62.4
05:00 PM - 06:00 PM	64.1	75.2	62.6
06:00 PM - 07:00 PM	65.6	77.3	62.6
07:00 PM - 08:00 PM	65.2	76.4	63.1
08:00 PM - 09:00 PM	65.0	76.0	63.2
09:00 PM - 10:00 PM	65.0	78.1	63.2
10:00 PM - 11:00 PM	64.0	75.5	62.8
11:00 PM - 12:00 AM	62.9	72.6	62.4
12:00 AM - 01:00 AM	62.7	66.3	62.3
01:00 AM - 02:00 AM	62.6	65.1	62.2
02:00 AM - 03:00 AM	62.6	68.9	62.3
03:00 AM - 04:00 AM	63.3	71.0	62.3
04:00 AM - 05:00 AM	62.6	69.5	62.1
05:00 AM - 06:00 AM	62.7	72.1	62.1
06:00 AM - 07:00 AM	61.9	67.8	61.5
07:00 AM - 08:00 AM	62.1	67.6	61.6
08:00 AM - 09:00 AM	62.5	66.4	61.9
09:00 AM - 10:00 AM	62.2	69.4	61.6
10:00 AM - 11:00 AM	62.1	66.1	61.6

Leq Average 24 hrs. (dB(A)) 63.3
Lmax (dB(A)) 78.1
L90 (dB(A)) 62.3
Ldn (dB(A)) 69.4
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



Analysis / Test Report

TESTING
No.0042

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

P/O :

Project Name : Monitoring

Project Location : CUP 2

Lot ID: 2424199

Date Received : Apr 01, 2024

Date Reported : Apr 03, 2024

Report Number: 2955783-1

Page 1 of 1

Sample Number 2424199-3
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านทางเข้าโรงงาน
Measurement Date Mar 24 - Mar 25, 2024
Measurement by Chatchai Sukpia
Sound Level meter Serial No. 623396

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	62.3	66.0	61.8
12:00 PM - 01:00 PM	62.3	70.0	61.8
01:00 PM - 02:00 PM	62.4	70.3	61.9
02:00 PM - 03:00 PM	61.7	72.3	61.1
03:00 PM - 04:00 PM	62.5	69.2	61.9
04:00 PM - 05:00 PM	62.8	77.9	62.2
05:00 PM - 06:00 PM	63.1	73.4	62.2
06:00 PM - 07:00 PM	62.9	72.2	62.3
07:00 PM - 08:00 PM	62.8	74.0	62.3
08:00 PM - 09:00 PM	62.6	66.7	62.2
09:00 PM - 10:00 PM	62.6	64.7	62.2
10:00 PM - 11:00 PM	62.7	67.8	62.3
11:00 PM - 12:00 AM	63.6	98.1	62.3
12:00 AM - 01:00 AM	62.6	66.4	62.2
01:00 AM - 02:00 AM	62.8	70.5	62.3
02:00 AM - 03:00 AM	62.7	67.3	62.3
03:00 AM - 04:00 AM	62.3	67.1	62.0
04:00 AM - 05:00 AM	62.6	70.8	62.0
05:00 AM - 06:00 AM	62.4	69.7	62.0
06:00 AM - 07:00 AM	62.2	68.5	61.8
07:00 AM - 08:00 AM	62.1	70.9	61.5
08:00 AM - 09:00 AM	62.0	65.8	61.4
09:00 AM - 10:00 AM	62.1	65.4	61.6
10:00 AM - 11:00 AM	62.1	80.9	61.5

Leq Average 24 hrs. (dB(A)) 62.5
Lmax (dB(A)) 98.1
L90 (dB(A)) 62.0

Ldn (dB(A)) 69.1

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



Analysis / Test Report

TESTING
No.0042

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

P/O :

Project Name : Monitoring

Project Location : CUP 2

Lot ID: 2424199

Date Received : Apr 01, 2024

Date Reported : Apr 03, 2024

Report Number: 2955784-1

Page 1 of 1

Sample Number 2424199-4
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านทางเข้าโรงงาน
Measurement Date Mar 25 - Mar 26, 2024
Measurement by Chatchai Sukpia
Sound Level meter Serial No. 623396

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	62.2	67.1	61.7
12:00 PM - 01:00 PM	62.4	73.6	61.8
01:00 PM - 02:00 PM	62.8	67.6	62.2
02:00 PM - 03:00 PM	63.0	92.2	61.9
03:00 PM - 04:00 PM	62.6	68.1	62.1
04:00 PM - 05:00 PM	62.8	67.0	62.2
05:00 PM - 06:00 PM	62.9	70.8	62.3
06:00 PM - 07:00 PM	62.7	68.7	62.2
07:00 PM - 08:00 PM	62.7	71.0	62.2
08:00 PM - 09:00 PM	62.9	68.4	62.3
09:00 PM - 10:00 PM	62.6	66.6	62.1
10:00 PM - 11:00 PM	62.7	67.4	62.2
11:00 PM - 12:00 AM	62.6	64.5	62.2
12:00 AM - 01:00 AM	62.7	64.5	62.2
01:00 AM - 02:00 AM	62.7	64.6	62.2
02:00 AM - 03:00 AM	62.7	64.7	62.2
03:00 AM - 04:00 AM	62.7	68.6	62.2
04:00 AM - 05:00 AM	62.9	71.2	62.3
05:00 AM - 06:00 AM	62.9	71.8	62.4
06:00 AM - 07:00 AM	62.5	69.3	62.0
07:00 AM - 08:00 AM	62.6	74.2	62.0
08:00 AM - 09:00 AM	62.7	85.6	61.9
09:00 AM - 10:00 AM	62.6	85.0	61.6
10:00 AM - 11:00 AM	62.1	69.1	61.5

Leq Average 24 hrs. (dB(A)) 62.7
Lmax (dB(A)) 92.2
L90 (dB(A)) 62.2
Ldn (dB(A)) 69.1
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.

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Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head



Analysis / Test Report

TESTING
No.0042

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

P/O :

Project Name : Monitoring

Project Location : CUP 2

Lot ID: 2424199

Date Received : Apr 01, 2024

Date Reported : Apr 03, 2024

Report Number: 2955785-1

Page 1 of 1

Sample Number 2424199-5
Parameter Noise (Leq 24 hrs.)
Location ร่มรั้วด้านทางเข้าโรงงาน
Measurement Date Mar 26 - Mar 27, 2024
Measurement by Chatchai Sukpia
Sound Level meter Serial No. 623396

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	62.0	67.6	61.4
12:00 PM - 01:00 PM	62.3	66.4	61.8
01:00 PM - 02:00 PM	62.4	69.6	61.8
02:00 PM - 03:00 PM	63.3	85.7	61.8
03:00 PM - 04:00 PM	62.3	71.1	61.8
04:00 PM - 05:00 PM	62.3	74.2	61.7
05:00 PM - 06:00 PM	62.2	72.0	61.5
06:00 PM - 07:00 PM	61.8	69.8	61.3
07:00 PM - 08:00 PM	62.9	70.8	62.4
08:00 PM - 09:00 PM	63.8	68.0	63.5
09:00 PM - 10:00 PM	63.1	69.7	62.7
10:00 PM - 11:00 PM	62.0	65.9	61.6
11:00 PM - 12:00 AM	62.9	64.4	62.6
12:00 AM - 01:00 AM	62.9	65.3	62.6
01:00 AM - 02:00 AM	62.7	64.1	62.4
02:00 AM - 03:00 AM	62.6	64.6	62.2
03:00 AM - 04:00 AM	62.1	64.8	61.7
04:00 AM - 05:00 AM	62.3	72.3	61.9
05:00 AM - 06:00 AM	62.6	72.7	62.0
06:00 AM - 07:00 AM	61.9	69.3	61.4
07:00 AM - 08:00 AM	62.0	66.9	61.3
08:00 AM - 09:00 AM	61.7	70.6	61.0
09:00 AM - 10:00 AM	63.6	84.4	62.0
10:00 AM - 11:00 AM	61.6	68.6	61.1

Leq Average 24 hrs. (dB(A)) 62.5
Lmax (dB(A)) 85.7
L90 (dB(A)) 61.8
Ldn (dB(A)) 68.9

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



Analysis / Test Report

TESTING
No.0042

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

P/O :

Project Name : Monitoring

Project Location : CUP 2

Lot ID: 2424199

Date Received : Apr 01, 2024

Date Reported : Apr 03, 2024

Report Number: 2955786-1

Page 1 of 1

Sample Number 2424199-6
Parameter Noise (Leq 24 hrs.)
Location ร่มรั้วด้านทางเข้าโรงงาน
Measurement Date Mar 27 - Mar 28, 2024
Measurement by Chatchai Sukpia
Sound Level meter Serial No. 623396

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	61.8	72.3	61.3
12:00 PM - 01:00 PM	62.0	76.3	61.2
01:00 PM - 02:00 PM	63.3	87.9	61.8
02:00 PM - 03:00 PM	61.7	79.9	61.1
03:00 PM - 04:00 PM	62.1	72.6	61.5
04:00 PM - 05:00 PM	62.5	72.2	61.9
05:00 PM - 06:00 PM	62.5	70.3	62.1
06:00 PM - 07:00 PM	64.6	71.2	64.3
07:00 PM - 08:00 PM	65.8	67.6	65.5
08:00 PM - 09:00 PM	63.0	70.7	62.6
09:00 PM - 10:00 PM	62.2	70.1	61.8
10:00 PM - 11:00 PM	62.2	64.6	61.8
11:00 PM - 12:00 AM	61.7	69.2	61.3
12:00 AM - 01:00 AM	62.1	68.7	61.7
01:00 AM - 02:00 AM	63.7	65.1	63.4
02:00 AM - 03:00 AM	63.8	67.8	63.5
03:00 AM - 04:00 AM	62.5	68.1	62.1
04:00 AM - 05:00 AM	62.1	69.6	61.7
05:00 AM - 06:00 AM	62.5	80.9	61.9
06:00 AM - 07:00 AM	62.1	69.7	61.7
07:00 AM - 08:00 AM	62.1	75.9	61.5
08:00 AM - 09:00 AM	62.1	69.3	61.5
09:00 AM - 10:00 AM	61.8	74.5	61.2
10:00 AM - 11:00 AM	61.7	66.9	61.2

Leq Average 24 hrs. (dB(A)) 62.7
Lmax (dB(A)) 87.9
L90 (dB(A)) 61.7
Ldn (dB(A)) 69.0

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

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Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head



Analysis / Test Report

TESTING
No.0042

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

P/O :

Project Name : Monitoring

Project Location : CUP 2

Lot ID: 2424199

Date Received : Apr 01, 2024

Date Reported : Apr 03, 2024

Report Number: 2955787-1

Page 1 of 1

Sample Number 2424199-7
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านทางเข้าโรงงาน
Measurement Date Mar 28 - Mar 29, 2024
Measurement by Chatchai Sukpia
Sound Level meter Serial No. 623396

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	61.8	65.8	61.3
12:00 PM - 01:00 PM	61.9	65.2	61.3
01:00 PM - 02:00 PM	62.2	67.1	61.6
02:00 PM - 03:00 PM	62.2	65.5	61.6
03:00 PM - 04:00 PM	62.4	66.8	61.8
04:00 PM - 05:00 PM	62.6	70.0	62.0
05:00 PM - 06:00 PM	62.6	68.5	62.1
06:00 PM - 07:00 PM	63.8	71.4	63.3
07:00 PM - 08:00 PM	63.8	67.5	63.4
08:00 PM - 09:00 PM	63.4	72.1	63.0
09:00 PM - 10:00 PM	62.2	67.2	61.8
10:00 PM - 11:00 PM	65.1	69.4	64.5
11:00 PM - 12:00 AM	64.0	67.9	63.4
12:00 AM - 01:00 AM	66.4	67.7	66.2
01:00 AM - 02:00 AM	66.4	68.3	66.0
02:00 AM - 03:00 AM	66.4	67.7	66.1
03:00 AM - 04:00 AM	63.3	69.3	62.7
04:00 AM - 05:00 AM	62.6	71.0	62.0
05:00 AM - 06:00 AM	62.1	72.2	61.6
06:00 AM - 07:00 AM	61.8	70.2	61.2
07:00 AM - 08:00 AM	61.5	67.3	61.0
08:00 AM - 09:00 AM	61.8	68.3	61.2
09:00 AM - 10:00 AM	62.2	67.1	61.6
10:00 AM - 11:00 AM	62.0	65.4	61.4

Leq Average 24 hrs. (dB(A)) 63.4
Lmax (dB(A)) 72.2
L90 (dB(A)) 61.8
Ldn (dB(A)) 70.8
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



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: 2424231

Date Received : Mar 13, 2024

Date Reported : Mar 15, 2024

Report Number: 2937905-1

Page 1 of 1

Sample Number 2424231-1
Parameter Noise (Leq 8 hrs.)
Location HRSG#1
Measurement Date Mar 12, 2024
Measurement by Chanon Booncheun

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:12 AM - 09:12 AM	81.3	88.6	81.1
09:12 AM - 10:12 AM	81.4	82.0	81.1
10:12 AM - 11:12 AM	81.3	82.2	81.1
11:12 AM - 12:12 PM	81.3	82.0	81.1
12:12 PM - 01:12 PM	81.3	81.9	81.0
01:12 PM - 02:12 PM	81.2	82.1	81.0
02:12 PM - 03:12 PM	81.3	82.2	81.0
03:12 PM - 04:12 PM	81.3	82.1	81.1

Leq Average 8 hrs. (dB(A))

81.3

Lmax (dB(A))

88.6

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

Technical Management

Thanita K.

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Scientist (4)

Approved by

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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 :

Project Name : Monitoring

Project Location : CUP 2

Lot ID: 2424231

Date Received : Mar 13, 2024

Date Reported : Mar 15, 2024

Report Number: 2937906-1

Page 1 of 1

Sample Number 2424231-2
Parameter Noise (Leq 8 hrs.)
Location HRSG#2
Measurement Date Mar 12, 2024
Measurement by Chanon Booncheun

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:09 AM - 09:09 AM	80.2	87.8	80.0
09:09 AM - 10:09 AM	80.4	86.0	80.1
10:09 AM - 11:09 AM	80.8	86.2	80.5
11:09 AM - 12:09 PM	80.7	81.8	80.4
12:09 PM - 01:09 PM	80.7	81.8	80.4
01:09 PM - 02:09 PM	80.6	81.8	80.4
02:09 PM - 03:09 PM	80.5	81.9	80.3
03:09 PM - 04:09 PM	80.5	81.6	80.2

Leq Average 8 hrs. (dB(A))

80.6

Lmax (dB(A))

87.8

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
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Technical Management

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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: 2424231

Date Received : Mar 13, 2024

Date Reported : Mar 15, 2024

Report Number: 2937907-1

Page 1 of 1

Sample Number 2424231-3
Parameter Noise (Leq 8 hrs.)
Location GTG#1
Measurement Date Mar 12, 2024
Measurement by Chanon Booncheun

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:10 AM - 09:10 AM	78.5	79.9	78.2
09:10 AM - 10:10 AM	78.4	79.6	78.2
10:10 AM - 11:10 AM	78.5	79.9	78.3
11:10 AM - 12:10 PM	78.6	79.9	78.3
12:10 PM - 01:10 PM	78.6	80.3	78.3
01:10 PM - 02:10 PM	78.7	79.7	78.4
02:10 PM - 03:10 PM	78.7	80.3	78.5
03:10 PM - 04:10 PM	78.9	80.2	78.7

Leq Average 8 hrs. (dB(A))

78.6

Lmax (dB(A))

80.3

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

Technical Management

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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: 2424231

Date Received : Mar 13, 2024

Date Reported : Mar 15, 2024

Report Number: 2937908-1

Page 1 of 1

Sample Number 2424231-4
Parameter Noise (Leq 8 hrs.)
Location GTG#2
Measurement Date Mar 12, 2024
Measurement by Chanon Booncheun

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:09 AM - 09:09 AM	81.7	83.0	81.5
09:09 AM - 10:09 AM	81.8	84.1	81.4
10:09 AM - 11:09 AM	82.2	84.1	81.8
11:09 AM - 12:09 PM	82.1	84.1	81.7
12:09 PM - 01:09 PM	82.0	83.9	81.6
01:09 PM - 02:09 PM	82.0	84.2	81.6
02:09 PM - 03:09 PM	82.1	84.1	81.6
03:09 PM - 04:09 PM	82.1	84.3	81.6

Leq Average 8 hrs. (dB(A))

82.0

Lmax (dB(A))

84.3

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

Technical Management

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Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

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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: 2424231

Date Received : Mar 13, 2024

Date Reported : Mar 15, 2024

Report Number: 2937909-1

Page 1 of 1

Sample Number 2424231-5
Parameter Noise (Leq 8 hrs.)
Location STG#1
Measurement Date Mar 12, 2024
Measurement by Chanon Booncheun

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:12 AM - 09:12 AM	81.2	82.3	81.0
09:12 AM - 10:12 AM	81.3	82.8	81.1
10:12 AM - 11:12 AM	81.3	81.8	81.1
11:12 AM - 12:12 PM	81.3	81.9	81.2
12:12 PM - 01:12 PM	81.3	81.8	81.2
01:12 PM - 02:12 PM	81.4	82.2	81.3
02:12 PM - 03:12 PM	81.4	82.0	81.3
03:12 PM - 04:12 PM	81.4	82.0	81.2

Leq Average 8 hrs. (dB(A))

81.3

Lmax (dB(A))

82.8

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
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P/O :

Project Name : Monitoring

Project Location : CUP 2

Lot ID: 2424231

Date Received : Mar 13, 2024

Date Reported : Mar 15, 2024

Report Number: 2937910-1

Page 1 of 1

Sample Number 2424231-6
Parameter Noise (Leq 8 hrs.)
Location Air Compressor
Measurement Date Mar 12, 2024
Measurement by Chanon Booncheun

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:14 AM - 09:14 AM	78.5	89.3	73.8
09:14 AM - 10:14 AM	80.3	89.3	76.4
10:14 AM - 11:14 AM	80.3	89.4	76.4
11:14 AM - 12:14 PM	80.0	89.4	75.5
12:14 PM - 01:14 PM	79.7	89.5	75.6
01:14 PM - 02:14 PM	78.7	89.0	75.2
02:14 PM - 03:14 PM	78.3	89.3	73.9
03:14 PM - 04:14 PM	79.1	89.3	75.7

Leq Average 8 hrs. (dB(A))

79.4

Lmax (dB(A))

89.5

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

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P/O :

Project Name : Monitoring

Project Location : CUP 2

Lot ID: 2424231

Date Received : Mar 13, 2024

Date Reported : Mar 15, 2024

Report Number: 2937911-1

Page 1 of 1

Sample Number 2424231-7
Parameter Noise (Leq 8 hrs.)
Location Cooling Tower
Measurement Date Mar 12, 2024
Measurement by Chanon Booncheun

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:27 AM - 09:27 AM	84.1	84.6	84.0
09:27 AM - 10:27 AM	84.0	84.6	83.8
10:27 AM - 11:27 AM	83.9	84.5	83.7
11:27 AM - 12:27 PM	84.2	84.6	84.0
12:27 PM - 01:27 PM	84.1	84.6	84.0
01:27 PM - 02:27 PM	84.2	84.6	84.0
02:27 PM - 03:27 PM	84.1	84.6	84.0
03:27 PM - 04:27 PM	84.0	84.5	83.9

Leq Average 8 hrs. (dB(A))

84.1

Lmax (dB(A))

84.6

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

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P/O :

Project Name : Monitoring

Project Location : CUP 2

Lot ID: 2424231

Date Received : Mar 13, 2024

Date Reported : Mar 15, 2024

Report Number: 2937912-1

Page 1 of 1

Sample Number 2424231-8
Parameter Noise (Leq 8 hrs.)
Location Auxiliary Boiler
Measurement Date Mar 12, 2024
Measurement by Chanon Booncheun

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:35 AM - 09:35 AM	83.2	84.2	83.0
09:35 AM - 10:35 AM	83.1	88.3	82.9
10:35 AM - 11:35 AM	83.1	93.7	82.7
11:35 AM - 12:35 PM	82.9	83.8	82.7
12:35 PM - 01:35 PM	82.8	83.7	82.5
01:35 PM - 02:35 PM	82.8	83.8	82.6
02:35 PM - 03:35 PM	82.9	83.9	82.7
03:35 PM - 04:35 PM	83.1	84.0	82.9

Leq Average 8 hrs. (dB(A))

83.0

Lmax (dB(A))

93.7

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

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

Lot ID: 2451957

Date Received : Jun 13, 2024
Date Reported : Jun 18, 2024
Report Number: 3028166-1

Page 1 of 1

Sample Number 2451957-1
Parameter Noise (Leq 8 hrs.)
Location HRSG#1
Measurement Date Jun 12, 2024
Measurement by Peerapat Kahkam

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:18 AM - 10:18 AM	80.5	86.2	80.3
10:18 AM - 11:18 AM	80.2	80.7	80.1
11:18 AM - 12:18 PM	80.3	81.1	80.2
12:18 PM - 01:18 PM	80.3	80.8	80.1
01:18 PM - 02:18 PM	80.2	80.9	80.1
02:18 PM - 03:18 PM	80.3	80.9	80.1
03:18 PM - 04:18 PM	80.4	81.0	80.3
04:18 PM - 05:18 PM	80.7	81.4	80.6

Leq Average 8 hrs. (dB(A))

80.4

Lmax (dB(A))

86.2

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

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

Lot ID: 2451957

Date Received : Jun 13, 2024
Date Reported : Jun 18, 2024
Report Number: 3028167-1

Page 1 of 1

Sample Number 2451957-2
Parameter Noise (Leq 8 hrs.)
Location HRSG#2
Measurement Date Jun 12, 2024
Measurement by Peerapat Kahkam

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:38 AM - 10:38 AM	82.4	109.8	79.7
10:38 AM - 11:38 AM	79.8	80.4	79.6
11:38 AM - 12:38 PM	79.9	80.5	79.8
12:38 PM - 01:38 PM	79.8	80.3	79.7
01:38 PM - 02:38 PM	79.8	80.3	79.7
02:38 PM - 03:38 PM	79.9	80.4	79.7
03:38 PM - 04:38 PM	80.0	80.5	79.9
04:38 PM - 05:38 PM	80.2	80.7	80.1

Leq Average 8 hrs. (dB(A))

80.3

Lmax (dB(A))

109.8

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

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

Lot ID: 2451957

Date Received : Jun 13, 2024
Date Reported : Jun 18, 2024
Report Number: 3028168-1

Page 1 of 1

Sample Number 2451957-3
Parameter Noise (Leq 8 hrs.)
Location GTG#1
Measurement Date Jun 12, 2024
Measurement by Peerapat Kahkam

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:19 AM - 10:19 AM	78.1	98.7	77.6
10:19 AM - 11:19 AM	78.1	80.5	77.7
11:19 AM - 12:19 PM	78.2	81.0	77.7
12:19 PM - 01:19 PM	78.3	80.5	77.8
01:19 PM - 02:19 PM	78.3	81.1	77.7
02:19 PM - 03:19 PM	78.3	81.1	77.7
03:19 PM - 04:19 PM	78.3	80.1	77.8
04:19 PM - 05:19 PM	78.2	79.8	77.8

Leq Average 8 hrs. (dB(A))

78.2

Lmax (dB(A))

98.7

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

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

Lot ID: 2451957

Date Received : Jun 13, 2024
Date Reported : Jun 18, 2024
Report Number: 3028169-1

Page 1 of 1

Sample Number 2451957-4
Parameter Noise (Leq 8 hrs.)
Location GTG#2
Measurement Date Jun 12, 2024
Measurement by Peerapat Kahkam

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:36 AM - 10:36 AM	84.5	112.1	79.7
10:36 AM - 11:36 AM	80.0	82.6	79.5
11:36 AM - 12:36 PM	80.1	82.0	79.7
12:36 PM - 01:36 PM	80.0	81.9	79.6
01:36 PM - 02:36 PM	79.9	81.2	79.6
02:36 PM - 03:36 PM	79.8	81.1	79.5
03:36 PM - 04:36 PM	80.0	81.1	79.7
04:36 PM - 05:36 PM	80.3	81.4	80.0

Leq Average 8 hrs. (dB(A))

80.9

Lmax (dB(A))

112.1

Standard (dB(A))

90

140

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

Lot ID: 2451957

Date Received : Jun 13, 2024
Date Reported : Jun 18, 2024
Report Number: 3028170-1

Page 1 of 1

Sample Number 2451957-5
Parameter Noise (Leq 8 hrs.)
Location STG#1
Measurement Date Jun 12, 2024
Measurement by Peerapat Kahkam

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:23 AM - 10:23 AM	80.8	83.3	80.6
10:23 AM - 11:23 AM	80.8	82.8	80.6
11:23 AM - 12:23 PM	80.8	81.7	80.6
12:23 PM - 01:23 PM	80.8	82.2	80.6
01:23 PM - 02:23 PM	80.8	82.3	80.6
02:23 PM - 03:23 PM	80.8	82.1	80.5
03:23 PM - 04:23 PM	80.9	81.8	80.7
04:23 PM - 05:23 PM	80.9	81.8	80.7

Leq Average 8 hrs. (dB(A))

80.8

Lmax (dB(A))

83.3

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

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

Lot ID: 2451957

Date Received : Jun 13, 2024
Date Reported : Jun 18, 2024
Report Number: 3028171-1

Page 1 of 1

Sample Number 2451957-6
Parameter Noise (Leq 8 hrs.)
Location Air Compressor
Measurement Date Jun 12, 2024
Measurement by Peerapat Kahkam

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:33 AM - 10:33 AM	84.1	91.1	83.7
10:33 AM - 11:33 AM	84.1	87.3	83.6
11:33 AM - 12:33 PM	84.2	87.0	83.7
12:33 PM - 01:33 PM	83.8	86.0	83.5
01:33 PM - 02:33 PM	83.9	86.3	83.5
02:33 PM - 03:33 PM	83.7	86.0	83.4
03:33 PM - 04:33 PM	84.0	87.4	83.6
04:33 PM - 05:33 PM	84.3	88.1	84.0

Leq Average 8 hrs. (dB(A))

84.0

Lmax (dB(A))

91.1

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

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

Lot ID: 2451957

Date Received : Jun 13, 2024
Date Reported : Jun 18, 2024
Report Number: 3028172-1

Page 1 of 1

Sample Number 2451957-7
Parameter Noise (Leq 8 hrs.)
Location Cooling Tower
Measurement Date Jun 12, 2024
Measurement by Peerapat Kahkam

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:16 AM - 10:16 AM	84.2	92.7	83.9
10:16 AM - 11:16 AM	84.1	86.6	83.9
11:16 AM - 12:16 PM	84.3	85.9	84.0
12:16 PM - 01:16 PM	84.0	85.4	83.8
01:16 PM - 02:16 PM	83.9	85.8	83.7
02:16 PM - 03:16 PM	83.9	86.1	83.7
03:16 PM - 04:16 PM	84.1	86.4	84.0
04:16 PM - 05:16 PM	84.4	86.6	84.1

Leq Average 8 hrs. (dB(A))

84.1

Lmax (dB(A))

92.7

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

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

Lot ID: 2451957

Date Received : Jun 13, 2024
Date Reported : Jun 18, 2024
Report Number: 3028173-1

Page 1 of 1

Sample Number 2451957-8
Parameter Noise (Leq 8 hrs.)
Location Auxiliary Boiler
Measurement Date Jun 12, 2024
Measurement by Peerapat Kahkam

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:30 AM - 10:30 AM	80.1	85.8	78.6
10:30 AM - 11:30 AM	79.2	85.6	78.1
11:30 AM - 12:30 PM	79.9	85.8	77.9
12:30 PM - 01:30 PM	79.1	85.6	77.8
01:30 PM - 02:30 PM	80.1	85.7	78.2
02:30 PM - 03:30 PM	78.8	85.8	78.0
03:30 PM - 04:30 PM	80.0	87.9	78.1
04:30 PM - 05:30 PM	79.9	85.9	78.3

Leq Average 8 hrs. (dB(A))

79.7

Lmax (dB(A))

87.9

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

Technical Management

Chontichak

Chonticha Subongkoch
Scientist (3)

Approved by

Supot S

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING

No.0042

Lot ID: 23147442

Date Received : Jan 09, 2024

Date Reported : Jan 16, 2024

Report Number : 2872738-1

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 2

Sample Number	23147442-1						
Sampled Date	Jan 09, 2024 9:32 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Jan 09, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	31	≤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	576	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	4.7	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	5	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

Remark :

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

Technical Management

N. Banongkit

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

D. Changchon

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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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

TESTING

No.0042

Lot ID: 23147442

Date Received : Jan 09, 2024

Date Reported : Jan 16, 2024

Report Number : 2872738-1

Page 2 of 2

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

Technical Management

N. Banthongkit

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

P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0009

Lot ID: 23147442

Date Received : Jan 09, 2024

Date Reported : Jan 16, 2024

Report Number : 2872738-2

Page 1 of 1

Sample Number	23147442-1						
Sampled Date	Jan 09, 2024 9:32 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Jan 10, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.0005	0.002	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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

Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Savitree N.

Savitree Noisangiam
Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

Kanokkorn Anek

Kanokkorn Anek
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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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

TESTING

No.0009

Lot ID: 23147442

Date Received : Jan 09, 2024

Date Reported : Jan 16, 2024

Report Number : 2872738-3

Page 1 of 1

Sample Number	23147442-1						
Sampled Date	Jan 09, 2024 9:32 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Jan 10, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.04	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Nitrate as N *	mg/L	0.015	0.05	0.58	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 , Pattarapol Sawangjaitam

Remark :

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

Approved by

Savitree N.

Savitree Noisangiam
Manager

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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: 23147463

Date Received : Jan 03, 2024

Date Reported : Jan 03, 2024

Report Number : 2872777-1

Page 1 of 1

Sample Number	23147463-1
Sampled Date	Jan 01, 2024 8:50 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 03, 2024
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
Water Testing							
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	-	-	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 : 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. 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: 23147463

Date Received : Jan 03, 2024

Date Reported : Jan 03, 2024

Report Number : 2872777-2

Page 1 of 1

Sample Number	23147463-1						
Sampled Date	Jan 01, 2024 8:50 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Jan 03, 2024						
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
Water Testing							
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

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: 23147467

Date Received : Jan 03, 2024

Date Reported : Jan 03, 2024

Report Number : 2872809-1

Page 1 of 1

Sample Number	23147467-1
Sampled Date	Jan 02, 2024 8:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 03, 2024
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
Water Testing							
pH at 25 degree C		-	-	8.6	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	-	-	31.9	≤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 :

- 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: 23147467

Date Received : Jan 03, 2024

Date Reported : Jan 03, 2024

Report Number : 2872809-2

Page 1 of 1

Sample Number	23147467-1
Sampled Date	Jan 02, 2024 8:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 03, 2024
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
Water Testing							
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 :

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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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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: 23147468

Date Received : Jan 03, 2024

Date Reported : Jan 05, 2024

Report Number : 2872813-1

Page 1 of 1

Sample Number	23147468-1						
Sampled Date	Jan 03, 2024 9:16 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Jan 03, 2024						
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
Water Testing							
pH at 25 degree C		-	-	8.5	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 : 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. 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: 23147468

Date Received : Jan 03, 2024

Date Reported : Jan 05, 2024

Report Number : 2872813-2

Page 1 of 1

Sample Number	23147468-1
Sampled Date	Jan 03, 2024 9:16 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 04, 2024
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
Water Testing							
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 : Tanasit Wongsachai

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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P/O :

Project Name : Monitoring

Project Location: CUP 2

Lot ID: 23147469

Date Received : Jan 04, 2024

Date Reported : Jan 08, 2024

Report Number : 2880197-1

Page 1 of 1

Sample Number	23147469-1					
Sampled Date	Jan 04, 2024 9:35 AM					
Sample Description	Wastewater					
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)					
Date Analysis Commenced	Jan 04, 2024					
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
Water Testing							
pH at 25 degree C		-	-	8.5	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	-	-	32.0	≤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 : Narunat thammasaro ทะเบียนเลขที่ ว-323-จ-9477

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: 23147469

Date Received : Jan 04, 2024

Date Reported : Jan 08, 2024

Report Number : 2880197-2

Page 1 of 1

Sample Number	23147469-1						
Sampled Date	Jan 04, 2024 9:35 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Jan 05, 2024						
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
Water Testing							
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

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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Analysis / Test Report

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

P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 23147470

Date Received : Jan 05, 2024

Date Reported : Jan 09, 2024

Report Number : 2872816-1

Page 1 of 1

Sample Number	23147470-1					
Sampled Date	Jan 05, 2024 9:30 AM					
Sample Description	Wastewater					
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)					
Date Analysis Commenced	Jan 05, 2024					
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
Water Testing							
pH at 25 degree C		-	-	8.5	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 : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- 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: 23147470

Date Received : Jan 05, 2024

Date Reported : Jan 09, 2024

Report Number : 2872816-2

Page 1 of 1

Sample Number	23147470-1						
Sampled Date	Jan 05, 2024 9:30 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Jan 09, 2024						
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
Water Testing							
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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Approved by

N. Banchongkit

Narumon Banchongkit
Supervisor

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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 23147471

Date Received : Jan 06, 2024

Date Reported : Jan 09, 2024

Report Number : 2872818-1

Page 1 of 1

Sample Number	23147471-1					
Sampled Date	Jan 06, 2024 9:10 AM					
Sample Description	Wastewater					
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)					
Date Analysis Commenced	Jan 06, 2024					
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
Water Testing							
pH at 25 degree C		-	-	8.5	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	-	-	31.6	≤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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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- 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: 23147471

Date Received : Jan 06, 2024

Date Reported : Jan 09, 2024

Report Number : 2872818-2

Page 1 of 1

Sample Number	23147471-1						
Sampled Date	Jan 06, 2024 9:10 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Jan 09, 2024						
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
Water Testing							
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 : Tanasit Wongsachai

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
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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 23147472

Date Received : Jan 08, 2024

Date Reported : Jan 09, 2024

Report Number : 2872820-1

Page 1 of 1

Sample Number	23147472-1					
Sampled Date	Jan 07, 2024 8:45 AM					
Sample Description	Wastewater					
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)					
Date Analysis Commenced	Jan 07, 2024					
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
Water Testing							
pH at 25 degree C		-	-	8.3	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	-	-	31.4	≤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)
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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: 23147472

Date Received : Jan 08, 2024

Date Reported : Jan 09, 2024

Report Number : 2872820-2

Page 1 of 1

Sample Number	23147472-1						
Sampled Date	Jan 07, 2024 8:45 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Jan 09, 2024						
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
Water Testing							
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 : Tanasit Wongsachai

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 :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 23147473

Date Received : Jan 08, 2024

Date Reported : Jan 10, 2024

Report Number : 2872823-1

Page 1 of 1

Sample Number	23147473-1
Sampled Date	Jan 08, 2024 9:37 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 08, 2024
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
Water Testing							
pH at 25 degree C		-	-	8.3	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	-	-	31.9	≤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. 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: 23147473

Date Received : Jan 08, 2024

Date Reported : Jan 10, 2024

Report Number : 2872823-2

Page 1 of 1

Sample Number	23147473-1						
Sampled Date	Jan 08, 2024 9:37 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Jan 09, 2024						
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
Water Testing							
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 : Wanlop Hunchainaow

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
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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 23147474

Date Received : Jan 09, 2024

Date Reported : Jan 12, 2024

Report Number : 2872824-1

Page 1 of 1

Sample Number	23147474-1
Sampled Date	Jan 09, 2024 9:32 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 09, 2024
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
Water Testing							
pH at 25 degree C		-	-	8.5	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	-	-	31.8	≤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 :

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- 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: 23147474

Date Received : Jan 09, 2024

Date Reported : Jan 12, 2024

Report Number : 2872824-2

Page 1 of 1

Sample Number	23147474-1						
Sampled Date	Jan 09, 2024 9:32 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Jan 11, 2024						
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
Water Testing							
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 :

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

Approved by

N. Banchongkit

Narumon Banchongkit
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

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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

TESTING

No.0042

Lot ID: 23147475

Date Received : Jan 10, 2024

Date Reported : Jan 12, 2024

Report Number : 2872836-1

Page 1 of 1

Sample Number	23147475-1
Sampled Date	Jan 10, 2024 9:35 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 10, 2024
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
Water Testing							
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	-	-	32.4	≤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 : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

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

P/O :

Project Name : Monitoring

Project Location: CUP 2

Lot ID: 23147475

Date Received : Jan 10, 2024

Date Reported : Jan 12, 2024

Report Number : 2872836-2

Page 1 of 1

Sample Number	23147475-1						
Sampled Date	Jan 10, 2024 9:35 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Jan 11, 2024						
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
Water Testing							
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

Remark :

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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

TESTING

No.0042

Lot ID: 23147476

Date Received : Jan 11, 2024

Date Reported : Jan 15, 2024

Report Number : 2872834-1

Page 1 of 1

Sample Number	23147476-1
Sampled Date	Jan 11, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 11, 2024
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
Water Testing							
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	-	-	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 : 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: 23147476

Date Received : Jan 11, 2024

Date Reported : Jan 15, 2024

Report Number : 2872834-2

Page 1 of 1

Sample Number	23147476-1
Sampled Date	Jan 11, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 13, 2024
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
Water Testing							
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 :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 23147477

Date Received : Jan 12, 2024

Date Reported : Jan 16, 2024

Report Number : 2872839-1

Page 1 of 1

Sample Number	23147477-1					
Sampled Date	Jan 12, 2024 9:08 AM					
Sample Description	Wastewater					
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)					
Date Analysis Commenced	Jan 12, 2024					
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
Water Testing							
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 : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- 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: 23147477

Date Received : Jan 12, 2024

Date Reported : Jan 16, 2024

Report Number : 2872839-2

Page 1 of 1

Sample Number	23147477-1						
Sampled Date	Jan 12, 2024 9:08 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Jan 13, 2024						
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	4.4	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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Approved by

N. Banchongkit

Narumon Banchongkit
Supervisor

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 23147478

Date Received : Jan 13, 2024

Date Reported : Jan 16, 2024

Report Number : 2872840-1

Page 1 of 1

Sample Number	23147478-1
Sampled Date	Jan 13, 2024 8:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 13, 2024
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
Water Testing							
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 : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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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: 23147478

Date Received : Jan 13, 2024

Date Reported : Jan 16, 2024

Report Number : 2872840-2

Page 1 of 1

Sample Number	23147478-1						
Sampled Date	Jan 13, 2024 8:45 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Jan 16, 2024						
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	3.7	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)

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 :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 23147479

Date Received : Jan 14, 2024

Date Reported : Jan 18, 2024

Report Number : 2872842-1

Page 1 of 1

Sample Number	23147479-1
Sampled Date	Jan 14, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 14, 2024
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
Water Testing							
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	-	-	33.7	≤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)
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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: 23147479

Date Received : Jan 14, 2024

Date Reported : Jan 18, 2024

Report Number : 2872842-2

Page 1 of 1

Sample Number	23147479-1						
Sampled Date	Jan 14, 2024 9:20 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Jan 16, 2024						
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	4.6	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

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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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 23147480

Date Received : Jan 15, 2024

Date Reported : Jan 18, 2024

Report Number : 2872843-1

Page 1 of 1

Sample Number	23147480-1					
Sampled Date	Jan 15, 2024 9:15 AM					
Sample Description	Wastewater					
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)					
Date Analysis Commenced	Jan 15, 2024					
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
Water Testing							
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	-	-	33.2	≤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)
- 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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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: 23147480

Date Received : Jan 15, 2024

Date Reported : Jan 18, 2024

Report Number : 2872843-2

Page 1 of 1

Sample Number	23147480-1						
Sampled Date	Jan 15, 2024 9:15 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Jan 16, 2024						
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
Water Testing							
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 : Chainusorn Lertnanthakunchai

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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Analysis / Test Report

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

P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 23147481

Date Received : Jan 16, 2024

Date Reported : Jan 19, 2024

Report Number : 2872844-1

Page 1 of 1

Sample Number	23147481-1
Sampled Date	Jan 16, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 16, 2024
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
Water Testing							
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	-	-	32.3	≤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 : Narunat thammassaro ทะเบียนเลขที่ ว-323-จ-9477

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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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: 23147481

Date Received : Jan 16, 2024

Date Reported : Jan 19, 2024

Report Number : 2872844-2

Page 1 of 1

Sample Number	23147481-1
Sampled Date	Jan 16, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 17, 2024
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
Water Testing							
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 : Narunat thammassaro

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 :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 23147482

Date Received : Jan 17, 2024

Date Reported : Jan 20, 2024

Report Number : 2872845-1

Page 1 of 1

Sample Number	23147482-1					
Sampled Date	Jan 17, 2024 9:09 AM					
Sample Description	Wastewater					
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)					
Date Analysis Commenced	Jan 17, 2024					
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
Water Testing							
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	-	-	30.8	≤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 :

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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: 23147482

Date Received : Jan 17, 2024

Date Reported : Jan 20, 2024

Report Number : 2872845-2

Page 1 of 1

Sample Number	23147482-1
Sampled Date	Jan 17, 2024 9:09 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 18, 2024
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
Water Testing							
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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Approved by

N. Banchongkit

Narumon Banchongkit
Supervisor

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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 23147483

Date Received : Jan 18, 2024

Date Reported : Jan 20, 2024

Report Number : 2872847-1

Page 1 of 1

Sample Number	23147483-1					
Sampled Date	Jan 18, 2024 9:00 AM					
Sample Description	Wastewater					
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)					
Date Analysis Commenced	Jan 18, 2024					
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
Water Testing							
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	-	-	30.8	≤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

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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: 23147483

Date Received : Jan 18, 2024

Date Reported : Jan 20, 2024

Report Number : 2872847-2

Page 1 of 1

Sample Number	23147483-1
Sampled Date	Jan 18, 2024 9:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 19, 2024
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.6	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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Approved by

N. Banchongkit

Narumon Banchongkit
Supervisor

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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 23147484

Date Received : Jan 19, 2024

Date Reported : Jan 22, 2024

Report Number : 2872849-1

Page 1 of 1

Sample Number	23147484-1
Sampled Date	Jan 19, 2024 9:40 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 19, 2024
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
Water Testing							
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	-	-	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 :

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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: 23147484

Date Received : Jan 19, 2024

Date Reported : Jan 22, 2024

Report Number : 2872849-2

Page 1 of 1

Sample Number	23147484-1						
Sampled Date	Jan 19, 2024 9:40 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Jan 20, 2024						
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
Water Testing							
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 :

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Approved by

N. Banchongkit

Narumon Banchongkit
Supervisor

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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 23147485

Date Received : Jan 20, 2024

Date Reported : Jan 23, 2024

Report Number : 2872852-1

Page 1 of 1

Sample Number	23147485-1					
Sampled Date	Jan 20, 2024 8:45 AM					
Sample Description	Wastewater					
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)					
Date Analysis Commenced	Jan 20, 2024					
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
Water Testing							
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	-	-	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 : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

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: 23147485

Date Received : Jan 20, 2024

Date Reported : Jan 23, 2024

Report Number : 2872852-2

Page 1 of 1

Sample Number	23147485-1
Sampled Date	Jan 20, 2024 8:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 23, 2024
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
Water Testing							
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 : Wanlop Hunchainaow

Remark :

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Approved 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

TESTING

No.0042

Lot ID: 23147486

Date Received : Jan 21, 2024

Date Reported : Jan 25, 2024

Report Number : 2872854-1

Page 1 of 1

Sample Number	23147486-1					
Sampled Date	Jan 21, 2024 9:30 AM					
Sample Description	Wastewater					
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)					
Date Analysis Commenced	Jan 21, 2024					
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
Water Testing							
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	-	-	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 :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- 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: 23147486

Date Received : Jan 21, 2024

Date Reported : Jan 25, 2024

Report Number : 2872854-2

Page 1 of 1

Sample Number	23147486-1						
Sampled Date	Jan 21, 2024 9:30 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Jan 23, 2024						
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
Water Testing							
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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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 23147487

Date Received : Jan 22, 2024

Date Reported : Jan 25, 2024

Report Number : 2872856-1

Page 1 of 1

Sample Number	23147487-1					
Sampled Date	Jan 22, 2024 9:27 AM					
Sample Description	Wastewater					
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)					
Date Analysis Commenced	Jan 22, 2024					
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
Water Testing							
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	-	-	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. 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: 23147487

Date Received : Jan 22, 2024

Date Reported : Jan 25, 2024

Report Number : 2872856-2

Page 1 of 1

Sample Number	23147487-1						
Sampled Date	Jan 22, 2024 9:27 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Jan 23, 2024						
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
Water Testing							
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

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

TESTING

No.0042

Lot ID: 23147488

Date Received : Jan 23, 2024

Date Reported : Jan 25, 2024

Report Number : 2872857-1

Page 1 of 1

Sample Number	23147488-1					
Sampled Date	Jan 23, 2024 9:05 AM					
Sample Description	Wastewater					
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)					
Date Analysis Commenced	Jan 23, 2024					
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
Water Testing							
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	-	-	32.2	≤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 :

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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: 23147488

Date Received : Jan 23, 2024

Date Reported : Jan 25, 2024

Report Number : 2872857-2

Page 1 of 1

Sample Number	23147488-1						
Sampled Date	Jan 23, 2024 9:05 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Jan 24, 2024						
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
Water Testing							
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 : Chainusorn Lertnanthakunchai

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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

TESTING

No.0042

Lot ID: 23147489

Date Received : Jan 24, 2024

Date Reported : Jan 26, 2024

Report Number : 2872860-1

Page 1 of 1

Sample Number	23147489-1
Sampled Date	Jan 24, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 24, 2024
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
Water Testing							
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	-	-	31.7	≤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 : Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

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Technical Management

N. Banongkit

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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: 23147489

Date Received : Jan 24, 2024

Date Reported : Jan 26, 2024

Report Number : 2872860-2

Page 1 of 1

Sample Number	23147489-1						
Sampled Date	Jan 24, 2024 9:20 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Jan 25, 2024						
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.6	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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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 23147490

Date Received : Jan 25, 2024

Date Reported : Jan 27, 2024

Report Number : 2872861-1

Page 1 of 1

Sample Number	23147490-1
Sampled Date	Jan 25, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 25, 2024
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
Water Testing							
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	-	-	29.9	≤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. Banongkit

Narumon Banhongkit

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: 23147490

Date Received : Jan 25, 2024

Date Reported : Jan 27, 2024

Report Number : 2872861-2

Page 1 of 1

Sample Number	23147490-1						
Sampled Date	Jan 25, 2024 9:10 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Jan 27, 2024						
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	4.1	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

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Approved by

N. Banchongkit

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Supervisor

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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 23147491

Date Received : Jan 26, 2024

Date Reported : Jan 29, 2024

Report Number : 2872863-1

Page 1 of 1

Sample Number	23147491-1					
Sampled Date	Jan 26, 2024 9:17 AM					
Sample Description	Wastewater					
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)					
Date Analysis Commenced	Jan 26, 2024					
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
Water Testing							
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	-	-	30.4	≤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 :

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Technical Management

N. Banongkit

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Supervisor
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Approved by

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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: 23147491

Date Received : Jan 26, 2024

Date Reported : Jan 29, 2024

Report Number : 2872863-2

Page 1 of 1

Sample Number	23147491-1
Sampled Date	Jan 26, 2024 9:17 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 27, 2024
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
Water Testing							
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 : Wanlop Hunchainaow

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

TESTING

No.0042

Lot ID: 23147492

Date Received : Jan 27, 2024

Date Reported : Jan 30, 2024

Report Number : 2872865-1

Page 1 of 1

Sample Number	23147492-1
Sampled Date	Jan 27, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 27, 2024
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
Water Testing							
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	-	-	30.6	≤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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- "<" : 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: 23147492

Date Received : Jan 27, 2024

Date Reported : Jan 30, 2024

Report Number : 2872865-2

Page 1 of 1

Sample Number	23147492-1
Sampled Date	Jan 27, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 30, 2024
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	4.6	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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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 :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 23147493

Date Received : Jan 28, 2024

Date Reported : Feb 01, 2024

Report Number : 2872869-1

Page 1 of 1

Sample Number	23147493-1
Sampled Date	Jan 28, 2024 9:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 28, 2024
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
Water Testing							
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	-	-	31.2	≤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

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: 23147493

Date Received : Jan 28, 2024

Date Reported : Feb 01, 2024

Report Number : 2872869-2

Page 1 of 1

Sample Number	23147493-1
Sampled Date	Jan 28, 2024 9:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 30, 2024
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.6	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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Approved by

N. Banchongkit

Narumon Banchongkit
Supervisor

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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 23147494

Date Received : Jan 29, 2024

Date Reported : Feb 01, 2024

Report Number : 2872870-1

Page 1 of 1

Sample Number	23147494-1
Sampled Date	Jan 29, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 29, 2024
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
Water Testing							
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 : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005

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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: 23147494

Date Received : Jan 29, 2024

Date Reported : Feb 01, 2024

Report Number : 2872870-2

Page 1 of 1

Sample Number	23147494-1
Sampled Date	Jan 29, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 30, 2024
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
Water Testing							
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 : Sansoen Khuiyoksui

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 :

Project Name : Monitoring

Project Location: CUP 2

Lot ID: 23147495

Date Received : Jan 30, 2024

Date Reported : Feb 01, 2024

Report Number : 2872875-1

Page 1 of 1

Sample Number	23147495-1
Sampled Date	Jan 30, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 30, 2024
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
Water Testing							
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	-	-	31.1	≤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. 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: 23147495

Date Received : Jan 30, 2024

Date Reported : Feb 01, 2024

Report Number : 2872875-2

Page 1 of 1

Sample Number	23147495-1
Sampled Date	Jan 30, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 31, 2024
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	4.6	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 : Chainusorn Lertnanthakunchai

Remark :

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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 :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 23147497

Date Received : Jan 31, 2024

Date Reported : Feb 03, 2024

Report Number : 2872877-1

Page 1 of 1

Sample Number	23147497-1
Sampled Date	Jan 31, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jan 31, 2024
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
Water Testing							
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	-	-	32.2	≤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. 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: 23147497

Date Received : Jan 31, 2024

Date Reported : Feb 03, 2024

Report Number : 2872877-2

Page 1 of 1

Sample Number	23147497-1						
Sampled Date	Jan 31, 2024 9:20 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Feb 02, 2024						
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
Water Testing							
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 : 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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Analysis / Test Report

TESTING

No.0042

Lot ID: 2412690

Date Received : Feb 13, 2024

Date Reported : Feb 20, 2024

Report Number : 2900033-1

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 2

Sample Number	2412690-1
Sampled Date	Feb 13, 2024 9:25 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 13, 2024
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	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	756	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	4.8	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	9	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

Remark :

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

Technical Management

N. Banongkit

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

D. Changchon

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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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

TESTING
No.0042
Lot ID: 2412690
Date Received : Feb 13, 2024
Date Reported : Feb 20, 2024
Report Number : 2900033-1

Page 2 of 2

- 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 :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0009

Lot ID: 2412690

Date Received : Feb 13, 2024

Date Reported : Feb 20, 2024

Report Number : 2900033-2

Page 1 of 1

Sample Number	2412690-1						
Sampled Date	Feb 13, 2024 9:25 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Feb 14, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.0005	0.003	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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

Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

Remark :

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Technical Management

Savitree N.

Savitree Noisangiam

Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

Kanokkorn Anek

Kanokkorn Anek

Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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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

TESTING

No.0009

Lot ID: 2412690

Date Received : Feb 13, 2024

Date Reported : Feb 20, 2024

Report Number : 2900033-3

Page 1 of 1

Sample Number	2412690-1						
Sampled Date	Feb 13, 2024 9:25 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Feb 14, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.06	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Nitrate as N *	mg/L	0.015	0.05	0.76	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 , Pattarapol Sawangjaitam

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Approved by

Savitree N.

Savitree Noisangiam
Manager

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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

TESTING

No.0042

Lot ID: 2411696

Date Received : Feb 01, 2024

Date Reported : Feb 03, 2024

Report Number : 2898069-1

Page 1 of 1

Sample Number 2411696-1
Sampled Date Feb 01, 2024 9:25 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Feb 01, 2024
Condition of Sample Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	30.7	≤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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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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92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

P/O :

Project Name : Monitoring

Project Location: CUP 2

Lot ID: 2411696

Date Received : Feb 01, 2024

Date Reported : Feb 03, 2024

Report Number : 2898069-2

Page 1 of 1

Sample Number	2411696-1
Sampled Date	Feb 01, 2024 9:25 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 02, 2024
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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

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

Lot ID: 2412631

Date Received : Feb 02, 2024

Date Reported : Feb 06, 2024

Report Number : 2899984-1

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

Sample Number	2412631-1
Sampled Date	Feb 02, 2024 9:35 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 02, 2024
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
Water Testing							
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	-	-	31.9	≤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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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

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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: 2412631

Date Received : Feb 02, 2024

Date Reported : Feb 06, 2024

Report Number : 2899984-2

Page 1 of 1

Sample Number	2412631-1
Sampled Date	Feb 02, 2024 9:35 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 06, 2024
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
Water Testing							
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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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

TESTING

No.0042

Lot ID: 2412632

Date Received : Feb 03, 2024

Date Reported : Feb 07, 2024

Report Number : 2899987-1

Page 1 of 1

Sample Number	2412632-1
Sampled Date	Feb 03, 2024 8:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 03, 2024
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
Water Testing							
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	-	-	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

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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: 2412632

Date Received : Feb 03, 2024

Date Reported : Feb 07, 2024

Report Number : 2899987-2

Page 1 of 1

Sample Number	2412632-1
Sampled Date	Feb 03, 2024 8:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 06, 2024
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
Water Testing							
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 : Tanasit Wongsachai

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 :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2412633

Date Received : Feb 04, 2024

Date Reported : Feb 08, 2024

Report Number : 2899988-1

Page 1 of 1

Sample Number	2412633-1
Sampled Date	Feb 04, 2024 9:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 04, 2024
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 no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	33.4	≤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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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: 2412633

Date Received : Feb 04, 2024

Date Reported : Feb 08, 2024

Report Number : 2899988-2

Page 1 of 1

Sample Number	2412633-1
Sampled Date	Feb 04, 2024 9:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 06, 2024
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 no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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 : Tanasit Wongsachai

Remark :

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

Approved by

N. Banchongkit

Narumon Banchongkit
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

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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

TESTING

No.0042

Lot ID: 2412634

Date Received : Feb 05, 2024

Date Reported : Feb 08, 2024

Report Number : 2899990-1

Page 1 of 1

Sample Number	2412634-1
Sampled Date	Feb 05, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 05, 2024
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
Water Testing							
pH at 25 degree C		-	-	8.4	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	-	-	33.6	≤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)
- 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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

P/O :

Project Name : Monitoring

Project Location: CUP 2

Lot ID: 2412634

Date Received : Feb 05, 2024

Date Reported : Feb 08, 2024

Report Number : 2899990-2

Page 1 of 1

Sample Number	2412634-1
Sampled Date	Feb 05, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 06, 2024
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
Water Testing							
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

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 :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2412635

Date Received : Feb 06, 2024

Date Reported : Feb 09, 2024

Report Number : 2899992-1

Page 1 of 1

Sample Number	2412635-1						
Sampled Date	Feb 06, 2024 9:15 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Feb 06, 2024						
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 no turbid						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	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 : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

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 :

Project Name : Monitoring

Project Location: CUP 2

Lot ID: 2412635

Date Received : Feb 06, 2024

Date Reported : Feb 09, 2024

Report Number : 2899992-2

Page 1 of 1

Sample Number	2412635-1
Sampled Date	Feb 06, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 08, 2024
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 no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.3	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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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

TESTING

No.0042

Lot ID: 2412636

Date Received : Feb 07, 2024

Date Reported : Feb 09, 2024

Report Number : 2899994-1

Page 1 of 1

Sample Number	2412636-1
Sampled Date	Feb 07, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 07, 2024
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
Water Testing							
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	-	-	33.5	≤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 : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- 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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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: 2412636

Date Received : Feb 07, 2024

Date Reported : Feb 09, 2024

Report Number : 2899994-2

Page 1 of 1

Sample Number	2412636-1
Sampled Date	Feb 07, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 08, 2024
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
Water Testing							
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 :

- LOD : Limit of Detection
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Approved by

N. Banchongkit

Narumon Banchongkit
Supervisor

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2412637

Date Received : Feb 08, 2024

Date Reported : Feb 12, 2024

Report Number : 2899995-1

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

Sample Number	2412637-1
Sampled Date	Feb 08, 2024 9:18 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 08, 2024
Condition of Sample	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)
Physical Property	Green, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	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 : 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. 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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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: 2412637

Date Received : Feb 08, 2024

Date Reported : Feb 12, 2024

Report Number : 2899995-2

Page 1 of 1

Sample Number	2412637-1						
Sampled Date	Feb 08, 2024 9:18 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Feb 10, 2024						
Condition of Sample	Contained in one plastic bottle and one BOD bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Physical Property	Green, some odour, solid and turbid						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.4	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 :

- 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

Lot ID: 2412638

Date Received : Feb 09, 2024

Date Reported : Feb 13, 2024

Report Number : 2899997-1

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

Sample Number	2412638-1
Sampled Date	Feb 09, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 09, 2024
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 no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	8.4	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	-	-	32.6	≤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
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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: 2412638

Date Received : Feb 09, 2024

Date Reported : Feb 13, 2024

Report Number : 2899997-2

Page 1 of 1

Sample Number	2412638-1						
Sampled Date	Feb 09, 2024 9:15 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Feb 10, 2024						
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 no turbid						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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 : Chainusorn Lertnanthakunchai

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

Lot ID: 2412639

Date Received : Feb 10, 2024

Date Reported : Feb 14, 2024

Report Number : 2899999-1

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

Sample Number	2412639-1
Sampled Date	Feb 10, 2024 9:06 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 10, 2024
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
Water Testing							
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	-	-	33.4	≤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 : 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. 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: 2412639

Date Received : Feb 10, 2024

Date Reported : Feb 14, 2024

Report Number : 2899999-2

Page 1 of 1

Sample Number	2412639-1
Sampled Date	Feb 10, 2024 9:06 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 14, 2024
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
Water Testing							
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

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

Lot ID: 2412640

Date Received : Feb 11, 2024

Date Reported : Feb 15, 2024

Report Number : 2900001-1

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

Sample Number	2412640-1
Sampled Date	Feb 11, 2024 8:41 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 11, 2024
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
Water Testing							
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	-	-	32.0	≤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 :

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Technical Management

N. Banongkit

Narumon Banhongkit

Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

D. Changchon

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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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: 2412640

Date Received : Feb 11, 2024

Date Reported : Feb 15, 2024

Report Number : 2900001-2

Page 1 of 1

Sample Number	2412640-1
Sampled Date	Feb 11, 2024 8:41 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 14, 2024
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.6	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

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

P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2412641

Date Received : Feb 12, 2024

Date Reported : Feb 15, 2024

Report Number : 2900002-1

Page 1 of 1

Sample Number	2412641-1
Sampled Date	Feb 12, 2024 9:35 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 12, 2024
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
Water Testing							
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	-	-	29.6	≤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 :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- 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: 2412641

Date Received : Feb 12, 2024

Date Reported : Feb 15, 2024

Report Number : 2900002-2

Page 1 of 1

Sample Number	2412641-1
Sampled Date	Feb 12, 2024 9:35 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 14, 2024
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
Water Testing							
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 : Nattawut Athomprommarat

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

Lot ID: 2412642

Date Received : Feb 13, 2024

Date Reported : Feb 15, 2024

Report Number : 2900004-1

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

Sample Number	2412642-1
Sampled Date	Feb 13, 2024 9:25 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 13, 2024
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
Water Testing							
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	-	-	30.7	≤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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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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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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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: 2412642

Date Received : Feb 13, 2024

Date Reported : Feb 15, 2024

Report Number : 2900004-2

Page 1 of 1

Sample Number	2412642-1
Sampled Date	Feb 13, 2024 9:25 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 14, 2024
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
Water Testing							
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

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

P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2412643

Date Received : Feb 14, 2024

Date Reported : Feb 16, 2024

Report Number : 2900006-1

Page 1 of 1

Sample Number	2412643-1
Sampled Date	Feb 14, 2024 9:21 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 14, 2024
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
Water Testing							
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	-	-	30.8	≤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

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

P/O :

Project Name : Monitoring

Project Location: CUP 2

Lot ID: 2412643

Date Received : Feb 14, 2024

Date Reported : Feb 16, 2024

Report Number : 2900006-2

Page 1 of 1

Sample Number	2412643-1
Sampled Date	Feb 14, 2024 9:21 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 15, 2024
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
Water Testing							
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 : 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 :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2412644

Date Received : Feb 15, 2024

Date Reported : Feb 19, 2024

Report Number : 2900008-1

Page 1 of 1

Sample Number	2412644-1					
Sampled Date	Feb 15, 2024 9:15 AM					
Sample Description	Wastewater					
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)					
Date Analysis Commenced	Feb 15, 2024					
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
Water Testing							
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	-	-	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 : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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- 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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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: 2412644

Date Received : Feb 15, 2024

Date Reported : Feb 19, 2024

Report Number : 2900008-2

Page 1 of 1

Sample Number	2412644-1
Sampled Date	Feb 15, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 16, 2024
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
Water Testing							
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 : Wanlop Hunchainaow

Remark :

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

Approved by

N. Banchongkit

Narumon Banchongkit
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

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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

TESTING

No.0042

Lot ID: 2412645

Date Received : Feb 16, 2024

Date Reported : Feb 20, 2024

Report Number : 2900009-1

Page 1 of 1

Sample Number	2412645-1
Sampled Date	Feb 16, 2024 9:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 16, 2024
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
Water Testing							
pH at 25 degree C		-	-	8.3	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	-	-	32.9	≤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 :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- 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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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: 2412645

Date Received : Feb 16, 2024

Date Reported : Feb 20, 2024

Report Number : 2900009-2

Page 1 of 1

Sample Number	2412645-1
Sampled Date	Feb 16, 2024 9:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 17, 2024
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
Water Testing							
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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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

TESTING

No.0042

Lot ID: 2412646

Date Received : Feb 17, 2024

Date Reported : Feb 21, 2024

Report Number : 2900013-1

Page 1 of 1

Sample Number	2412646-1						
Sampled Date	Feb 17, 2024 9:46 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Feb 17, 2024						
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
Water Testing							
pH at 25 degree C		-	-	8.5	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	-	-	33.3	≤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 : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remark :

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- 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: 2412646

Date Received : Feb 17, 2024

Date Reported : Feb 21, 2024

Report Number : 2900013-2

Page 1 of 1

Sample Number	2412646-1
Sampled Date	Feb 17, 2024 9:46 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 17, 2024
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
Water Testing							
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 : Surawit Narapong

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Approved by

N. Banchongkit

Narumon Banchongkit
Supervisor

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2412647

Date Received : Feb 18, 2024

Date Reported : Feb 22, 2024

Report Number : 2900016-1

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

Sample Number	2412647-1
Sampled Date	Feb 18, 2024 8:25 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 18, 2024
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
Water Testing							
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. 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: 2412647

Date Received : Feb 18, 2024

Date Reported : Feb 22, 2024

Report Number : 2900016-2

Page 1 of 1

Sample Number	2412647-1
Sampled Date	Feb 18, 2024 8:25 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 22, 2024
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	4.7	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

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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

TESTING

No.0042

Lot ID: 2412648

Date Received : Feb 19, 2024

Date Reported : Feb 22, 2024

Report Number : 2900017-1

Page 1 of 1

Sample Number	2412648-1
Sampled Date	Feb 19, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 19, 2024
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
Water Testing							
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	-	-	34.2	≤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

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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: 2412648

Date Received : Feb 19, 2024

Date Reported : Feb 22, 2024

Report Number : 2900017-2

Page 1 of 1

Sample Number	2412648-1
Sampled Date	Feb 19, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 22, 2024
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
Water Testing							
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 : Surawit Narapong

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 :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2412649

Date Received : Feb 20, 2024

Date Reported : Feb 23, 2024

Report Number : 2900018-1

Page 1 of 1

Sample Number	2412649-1						
Sampled Date	Feb 20, 2024 9:05 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Feb 20, 2024						
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
Water Testing							
pH at 25 degree C		-	-	8.4	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	-	-	34.2	≤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. 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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92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

P/O :

Project Name : Monitoring

Project Location: CUP 2

Lot ID: 2412649

Date Received : Feb 20, 2024

Date Reported : Feb 23, 2024

Report Number : 2900018-2

Page 1 of 1

Sample Number	2412649-1
Sampled Date	Feb 20, 2024 9:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 22, 2024
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
Water Testing							
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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Analysis / Test Report

TESTING

No.0042

Lot ID: 2412650

Date Received : Feb 21, 2024

Date Reported : Feb 23, 2024

Report Number : 2900019-1

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

Sample Number	2412650-1
Sampled Date	Feb 21, 2024 9:12 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 21, 2024
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, a lot of solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	33.4	≤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 : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

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

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

Approved by

D. Changchon.

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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Analysis / Test Report

Client : 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: 2412650

Date Received : Feb 21, 2024

Date Reported : Feb 23, 2024

Report Number : 2900019-2

Page 1 of 1

Sample Number	2412650-1
Sampled Date	Feb 21, 2024 9:12 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 22, 2024
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, a lot of solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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 : Surawit Narapong

Remark :

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

Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2412651

Date Received : Feb 22, 2024

Date Reported : Feb 27, 2024

Report Number : 2900022-1

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

Sample Number	2412651-1
Sampled Date	Feb 22, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 22, 2024
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
Water Testing							
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 : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005

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: 2412651

Date Received : Feb 22, 2024

Date Reported : Feb 27, 2024

Report Number : 2900022-2

Page 1 of 1

Sample Number	2412651-1
Sampled Date	Feb 22, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 24, 2024
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
Water Testing							
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 : Sansoen Khuiyoksui

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

TESTING

No.0042

Lot ID: 2412652

Date Received : Feb 23, 2024

Date Reported : Feb 28, 2024

Report Number : 2900023-1

Page 1 of 1

Sample Number	2412652-1						
Sampled Date	Feb 23, 2024 9:00 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Feb 23, 2024						
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
Water Testing							
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	-	-	35.7	≤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)
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2412652

Date Received : Feb 23, 2024

Date Reported : Feb 28, 2024

Report Number : 2900023-2

Page 1 of 1

Sample Number	2412652-1
Sampled Date	Feb 23, 2024 9:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 24, 2024
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
Water Testing							
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 : Paramet Sattayakun

Remark :

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Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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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

TESTING

No.0042

Lot ID: 2412658

Date Received : Feb 24, 2024

Date Reported : Feb 28, 2024

Report Number : 2900026-1

Page 1 of 1

Sample Number	2412658-1						
Sampled Date	Feb 24, 2024 9:50 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Feb 24, 2024						
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
Water Testing							
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	-	-	35.4	≤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 : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remark :

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Technical Management

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2412658

Date Received : Feb 24, 2024

Date Reported : Feb 28, 2024

Report Number : 2900026-2

Page 1 of 1

Sample Number	2412658-1
Sampled Date	Feb 24, 2024 9:50 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 24, 2024
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
Water Testing							
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 : Surawit Narapong

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Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2412656

Date Received : Feb 27, 2024

Date Reported : Feb 29, 2024

Report Number : 2900025-1

Page 1 of 1

Sample Number	2412656-1
Sampled Date	Feb 25, 2024 10:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 27, 2024
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
Water Testing							
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	-	-	35.4	≤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 : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005

Remark :

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Technical Management

N. Banongkit

Narumon Banhongkit

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: 2412656

Date Received : Feb 27, 2024

Date Reported : Feb 29, 2024

Report Number : 2900025-2

Page 1 of 1

Sample Number	2412656-1
Sampled Date	Feb 25, 2024 10:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 28, 2024
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
Water Testing							
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

Remark :

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Approved by

N. Banchongkit

Narumon Banchongkit
Supervisor

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2412653

Date Received : Feb 27, 2024

Date Reported : Feb 29, 2024

Report Number : 2900024-1

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

Sample Number	2412653-1						
Sampled Date	Feb 26, 2024 10:30 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Feb 27, 2024						
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
Water Testing							
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	-	-	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 : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005

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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: 2412653

Date Received : Feb 27, 2024

Date Reported : Feb 29, 2024

Report Number : 2900024-2

Page 1 of 1

Sample Number	2412653-1						
Sampled Date	Feb 26, 2024 10:30 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Feb 28, 2024						
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
Water Testing							
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 : Sansoen Khuiyoksui

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

TESTING

No.0042

Lot ID: 2412660

Date Received : Feb 27, 2024

Date Reported : Mar 01, 2024

Report Number : 2900028-1

Page 1 of 1

Sample Number	2412660-1
Sampled Date	Feb 27, 2024 9:25 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 27, 2024
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
Water Testing							
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 : Narunat thammassaro ทะเบียนเลขที่ ว-323-จ-9477

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- 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: 2412660

Date Received : Feb 27, 2024

Date Reported : Mar 01, 2024

Report Number : 2900028-2

Page 1 of 1

Sample Number	2412660-1
Sampled Date	Feb 27, 2024 9:25 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 28, 2024
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
Water Testing							
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 :

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

P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2412662

Date Received : Feb 28, 2024

Date Reported : Mar 01, 2024

Report Number : 2900029-1

Page 1 of 1

Sample Number	2412662-1						
Sampled Date	Feb 28, 2024 9:25 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Feb 28, 2024						
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
Water Testing							
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	-	-	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 : Pitthaya Thongtaeng ทะเบียนเลขที่ ว-323-จ-9448

Remark :

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- 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: 2412662

Date Received : Feb 28, 2024

Date Reported : Mar 01, 2024

Report Number : 2900029-2

Page 1 of 1

Sample Number	2412662-1
Sampled Date	Feb 28, 2024 9:25 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Feb 29, 2024
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
Water Testing							
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 : Pitthaya Thongtaeng

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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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2412664

Date Received : Feb 29, 2024

Date Reported : Mar 04, 2024

Report Number : 2900030-1

Page 1 of 1

Sample Number	2412664-1						
Sampled Date	Feb 29, 2024 9:00 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Feb 29, 2024						
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
Water Testing							
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	-	-	34.9	≤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. 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: 2412664

Date Received : Feb 29, 2024

Date Reported : Mar 04, 2024

Report Number : 2900030-2

Page 1 of 1

Sample Number	2412664-1
Sampled Date	Feb 29, 2024 9:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 01, 2024
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
Water Testing							
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 Lertnanthakunchai

Remark :

- LOD : Limit of Detection
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Approved by

N. Banchongkit

Narumon Banchongkit
Supervisor

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2424265

Date Received : Mar 06, 2024

Date Reported : Mar 13, 2024

Report Number : 2923727-1

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 2

Sample Number	2424265-1						
Sampled Date	Mar 06, 2024 1:18 PM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Mar 06, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 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	688	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	<1.0	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	7	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

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

TESTING

No.0042

Lot ID: 2424265

Date Received : Mar 06, 2024

Date Reported : Mar 13, 2024

Report Number : 2923727-1

Page 2 of 2

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

Technical Management

N. Banthongkit

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: 2424265

Date Received : Mar 06, 2024

Date Reported : Mar 13, 2024

Report Number : 2923727-2

Page 1 of 1

Sample Number	2424265-1						
Sampled Date	Mar 06, 2024 1:18 PM						
Sample Description	Wastewater						
Location	บ่อดักน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Mar 07, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.0005	0.004	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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

Sampling By : Wanlop Hunchainaow , Pattarapol Sawangjaitam

Remark :

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

Approved by

Savitree N.

Savitree Noisangiam
Manager

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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

TESTING

No.0009

Lot ID: 2424265

Date Received : Mar 06, 2024

Date Reported : Mar 13, 2024

Report Number : 2923727-3

Page 1 of 1

Sample Number	2424265-1						
Sampled Date	Mar 06, 2024 1:18 PM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Mar 07, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.11	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Nitrate as N *	mg/L	0.015	0.05	0.64	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 , Pattarapol Sawangjaitam

Remark :

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Approved by

Savitree N.

Savitree Noisangiam
Manager

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2424096

Date Received : Mar 01, 2024

Date Reported : Mar 05, 2024

Report Number : 2923365-1

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

Sample Number	2424096-1
Sampled Date	Mar 01, 2024 9:40 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 01, 2024
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
Water Testing							
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	-	-	35.8	≤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 :

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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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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: 2424096

Date Received : Mar 01, 2024

Date Reported : Mar 05, 2024

Report Number : 2923365-2

Page 1 of 1

Sample Number	2424096-1						
Sampled Date	Mar 01, 2024 9:40 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Mar 02, 2024						
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
Water Testing							
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 : Sansoen Khuiyoksui

Remark :

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

Approved by

Narumon Banchongkit
Supervisor

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2424101

Date Received : Mar 02, 2024

Date Reported : Mar 04, 2024

Report Number : 2923448-1

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

Sample Number	2424101-1
Sampled Date	Mar 02, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 02, 2024
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
Water Testing							
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	-	-	35.7	≤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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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: 2424101

Date Received : Mar 02, 2024

Date Reported : Mar 04, 2024

Report Number : 2923448-2

Page 1 of 1

Sample Number	2424101-1
Sampled Date	Mar 02, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 02, 2024
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	4.8	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

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Client : Global Power Synergy Public Company Limited
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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2424102

Date Received : Mar 03, 2024

Date Reported : Mar 06, 2024

Report Number : 2923449-1

Page 1 of 1

Sample Number	2424102-1
Sampled Date	Mar 03, 2024 9:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 01, 2024
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
Water Testing							
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

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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: 2424102

Date Received : Mar 03, 2024

Date Reported : Mar 06, 2024

Report Number : 2923449-2

Page 1 of 1

Sample Number	2424102-1						
Sampled Date	Mar 03, 2024 9:00 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Mar 06, 2024						
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	4.9	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

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2424103

Date Received : Mar 04, 2024

Date Reported : Apr 04, 2024

Report Number : 2957199-1

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

Sample Number	2424103-1
Sampled Date	Mar 04, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 04, 2024
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
Water Testing							
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

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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: 2424103

Date Received : Mar 04, 2024

Date Reported : Apr 04, 2024

Report Number : 2957199-2

Page 1 of 1

Sample Number	2424103-1
Sampled Date	Mar 04, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 06, 2024
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
Water Testing							
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 : Paramet Sattayakun

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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

TESTING

No.0042

Lot ID: 2424104

Date Received : Mar 05, 2024

Date Reported : Mar 07, 2024

Report Number : 2923481-1

Page 1 of 1

Sample Number	2424104-1
Sampled Date	Mar 05, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 05, 2024
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
Water Testing							
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 : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

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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: 2424104

Date Received : Mar 05, 2024

Date Reported : Mar 07, 2024

Report Number : 2923481-2

Page 1 of 1

Sample Number	2424104-1
Sampled Date	Mar 05, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 06, 2024
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
Water Testing							
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

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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

TESTING

No.0042

Lot ID: 2424105

Date Received : Mar 06, 2024

Date Reported : Mar 08, 2024

Report Number : 2923483-1

Page 1 of 1

Sample Number	2424105-1						
Sampled Date	Mar 06, 2024 1:18 PM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Mar 06, 2024						
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
Water Testing							
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	-	-	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 : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

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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: 2424105

Date Received : Mar 06, 2024

Date Reported : Mar 08, 2024

Report Number : 2923483-2

Page 1 of 1

Sample Number	2424105-1						
Sampled Date	Mar 06, 2024 1:18 PM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Mar 07, 2024						
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
Water Testing							
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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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2424106

Date Received : Mar 07, 2024

Date Reported : Mar 11, 2024

Report Number : 2923484-1

Page 1 of 1

Sample Number	2424106-1
Sampled Date	Mar 07, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 07, 2024
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
Water Testing							
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	-	-	33.9	≤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 :

- 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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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Analysis / Test Report

Client : 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: 2424106

Date Received : Mar 07, 2024

Date Reported : Mar 11, 2024

Report Number : 2923484-2

Page 1 of 1

Sample Number	2424106-1
Sampled Date	Mar 07, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 08, 2024
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.4	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 : Wanlop Hunchainaow

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

Lot ID: 2424107

Date Received : Mar 08, 2024

Date Reported : Mar 12, 2024

Report Number : 2923486-1

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

Sample Number	2424107-1
Sampled Date	Mar 08, 2024 9:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 08, 2024
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
Water Testing							
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	-	-	33.9	≤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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- "<" : 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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92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

P/O :

Project Name : Monitoring

Project Location: CUP 2

Lot ID: 2424107

Date Received : Mar 08, 2024

Date Reported : Mar 12, 2024

Report Number : 2923486-2

Page 1 of 1

Sample Number	2424107-1
Sampled Date	Mar 08, 2024 9:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 09, 2024
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	4.9	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 :

- 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

Lot ID: 2424108

Date Received : Mar 09, 2024

Date Reported : Mar 12, 2024

Report Number : 2923487-1

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

Sample Number	2424108-1
Sampled Date	Mar 09, 2024 9:35 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 08, 2024
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
Water Testing							
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	-	-	33.3	≤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)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

N. Banongkit

Narumon Banhongkit

Supervisor

ทะเบียนเลขที่ 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: 2424108

Date Received : Mar 09, 2024

Date Reported : Mar 12, 2024

Report Number : 2923487-2

Page 1 of 1

Sample Number	2424108-1
Sampled Date	Mar 09, 2024 9:35 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 12, 2024
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	4.7	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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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 :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2424109

Date Received : Mar 11, 2024

Date Reported : Mar 13, 2024

Report Number : 2923489-1

Page 1 of 1

Sample Number	2424109-1
Sampled Date	Mar 10, 2024 9:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 11, 2024
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
Water Testing							
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	-	-	33.8	≤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. 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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Client : Global Power Synergy Public Company Limited
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P/O :

Project Name : Monitoring

Project Location: CUP 2

Lot ID: 2424109

Date Received : Mar 11, 2024

Date Reported : Mar 13, 2024

Report Number : 2923489-2

Page 1 of 1

Sample Number	2424109-1
Sampled Date	Mar 10, 2024 9:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 12, 2024
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	4.9	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 :

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Approved by

N. Banchongkit

Narumon Banchongkit
Supervisor

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2424110

Date Received : Mar 11, 2024

Date Reported : Mar 14, 2024

Report Number : 2923488-1

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

Sample Number	2424110-1
Sampled Date	Mar 11, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 11, 2024
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
Water Testing							
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 : Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

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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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: 2424110

Date Received : Mar 11, 2024

Date Reported : Mar 14, 2024

Report Number : 2923488-2

Page 1 of 1

Sample Number	2424110-1
Sampled Date	Mar 11, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 12, 2024
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	4.9	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

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

Lot ID: 2424111

Date Received : Mar 12, 2024

Date Reported : Mar 15, 2024

Report Number : 2923490-1

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

Sample Number	2424111-1
Sampled Date	Mar 12, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 12, 2024
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
Water Testing							
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	-	-	32.1	≤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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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- 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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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: 2424111

Date Received : Mar 12, 2024

Date Reported : Mar 15, 2024

Report Number : 2923490-2

Page 1 of 1

Sample Number	2424111-1
Sampled Date	Mar 12, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 13, 2024
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.3	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 Lertnanthakunchai

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

TESTING

No.0042

Lot ID: 2424112

Date Received : Mar 13, 2024

Date Reported : Mar 16, 2024

Report Number : 2923492-1

Page 1 of 1

Sample Number	2424112-1
Sampled Date	Mar 13, 2024 9:36 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 13, 2024
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
Water Testing							
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	-	-	33.5	≤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

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2424112

Date Received : Mar 13, 2024

Date Reported : Mar 16, 2024

Report Number : 2923492-2

Page 1 of 1

Sample Number	2424112-1						
Sampled Date	Mar 13, 2024 9:36 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Mar 14, 2024						
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	4.6	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

Remark :

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Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2424113

Date Received : Mar 14, 2024

Date Reported : Mar 19, 2024

Report Number : 2923494-1

Page 1 of 1

Sample Number	2424113-1					
Sampled Date	Mar 14, 2024 11:00 AM					
Sample Description	Wastewater					
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)					
Date Analysis Commenced	Mar 14, 2024					
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
Water Testing							
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	-	-	33.0	≤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)
- 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: 2424113

Date Received : Mar 14, 2024

Date Reported : Mar 19, 2024

Report Number : 2923494-2

Page 1 of 1

Sample Number	2424113-1
Sampled Date	Mar 14, 2024 11:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 15, 2024
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.0	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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Approved by

N. Banchongkit

Narumon Banchongkit
Supervisor

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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2424114

Date Received : Mar 15, 2024

Date Reported : Mar 19, 2024

Report Number : 2923495-1

Page 1 of 1

Sample Number	2424114-1						
Sampled Date	Mar 15, 2024 9:25 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Mar 15, 2024						
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
Water Testing							
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	-	-	33.1	≤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)
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- 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: 2424114

Date Received : Mar 15, 2024

Date Reported : Mar 19, 2024

Report Number : 2923495-2

Page 1 of 1

Sample Number	2424114-1
Sampled Date	Mar 15, 2024 9:25 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 19, 2024
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	10.1	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 :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2424115

Date Received : Mar 16, 2024

Date Reported : Mar 19, 2024

Report Number : 2923496-1

Page 1 of 1

Sample Number	2424115-1
Sampled Date	Mar 16, 2024 9:23 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 16, 2024
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
Water Testing							
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	-	-	31.6	≤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 :

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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: 2424115

Date Received : Mar 16, 2024

Date Reported : Mar 19, 2024

Report Number : 2923496-2

Page 1 of 1

Sample Number	2424115-1
Sampled Date	Mar 16, 2024 9:23 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 19, 2024
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
Water Testing							
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 : Nattawut Athomprommarat

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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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2424116

Date Received : Mar 17, 2024

Date Reported : Mar 21, 2024

Report Number : 2923498-1

Page 1 of 1

Sample Number	2424116-1
Sampled Date	Mar 17, 2024 9:50 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 17, 2024
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
Water Testing							
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 : Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

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

Technical Management

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2424116

Date Received : Mar 17, 2024

Date Reported : Mar 21, 2024

Report Number : 2923498-2

Page 1 of 1

Sample Number	2424116-1
Sampled Date	Mar 17, 2024 9:50 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 19, 2024
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.5	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 : Tanasit Wongsachai

Remark :

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

Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2424117

Date Received : Mar 18, 2024

Date Reported : Mar 21, 2024

Report Number : 2923503-1

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

Sample Number	2424117-1
Sampled Date	Mar 18, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 18, 2024
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
Water Testing							
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 : 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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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Analysis / Test Report

Client : 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: 2424117

Date Received : Mar 18, 2024

Date Reported : Mar 21, 2024

Report Number : 2923503-2

Page 1 of 1

Sample Number	2424117-1
Sampled Date	Mar 18, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 19, 2024
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.3	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 Lertnanthakunchai

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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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2424118

Date Received : Mar 19, 2024

Date Reported : Mar 22, 2024

Report Number : 2923504-1

Page 1 of 1

Sample Number	2424118-1					
Sampled Date	Mar 19, 2024 9:05 AM					
Sample Description	Wastewater					
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)					
Date Analysis Commenced	Mar 19, 2024					
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
Water Testing							
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 : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2424118

Date Received : Mar 19, 2024

Date Reported : Mar 22, 2024

Report Number : 2923504-2

Page 1 of 1

Sample Number	2424118-1
Sampled Date	Mar 19, 2024 9:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 21, 2024
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
Water Testing							
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 : Chainusorn Lertnanthakunchai

Remark :

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

Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2424119

Date Received : Mar 20, 2024

Date Reported : Mar 23, 2024

Report Number : 2923505-1

Page 1 of 1

Sample Number	2424119-1
Sampled Date	Mar 20, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 20, 2024
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
Water Testing							
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	-	-	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 :

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

Technical Management

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2424119

Date Received : Mar 20, 2024

Date Reported : Mar 23, 2024

Report Number : 2923505-2

Page 1 of 1

Sample Number	2424119-1
Sampled Date	Mar 20, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 21, 2024
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
Water Testing							
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 : Wanlop Hunchainaow

Remark :

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

Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2424120

Date Received : Mar 21, 2024

Date Reported : Mar 25, 2024

Report Number : 2923506-1

Page 1 of 1

Sample Number	2424120-1
Sampled Date	Mar 21, 2024 9:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 21, 2024
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
Water Testing							
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	-	-	32.1	≤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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- 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: 2424120

Date Received : Mar 21, 2024

Date Reported : Mar 25, 2024

Report Number : 2923506-2

Page 1 of 1

Sample Number	2424120-1						
Sampled Date	Mar 21, 2024 9:05 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Mar 23, 2024						
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.0	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 :

- LOD : Limit of Detection
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Approved by

N. Banchongkit

Narumon Banchongkit
Supervisor

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2424121

Date Received : Mar 22, 2024

Date Reported : Mar 25, 2024

Report Number : 2923508-1

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

Sample Number	2424121-1
Sampled Date	Mar 22, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 22, 2024
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
Water Testing							
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

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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: 2424121

Date Received : Mar 22, 2024

Date Reported : Mar 25, 2024

Report Number : 2923508-2

Page 1 of 1

Sample Number	2424121-1						
Sampled Date	Mar 22, 2024 9:30 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Mar 23, 2024						
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.5	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 : Surawit Narapong

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

TESTING

No.0042

Lot ID: 2424122

Date Received : Mar 23, 2024

Date Reported : Mar 27, 2024

Report Number : 2923509-1

Page 1 of 1

Sample Number	2424122-1					
Sampled Date	Mar 23, 2024 9:15 AM					
Sample Description	Wastewater					
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)					
Date Analysis Commenced	Mar 23, 2024					
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
Water Testing							
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 : Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

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

Technical Management

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2424122

Date Received : Mar 23, 2024

Date Reported : Mar 27, 2024

Report Number : 2923509-2

Page 1 of 1

Sample Number	2424122-1						
Sampled Date	Mar 23, 2024 9:15 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Mar 27, 2024						
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
Water Testing							
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 : Tanasit Wongsachai

Remark :

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

Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2424123

Date Received : Mar 24, 2024

Date Reported : Mar 27, 2024

Report Number : 2923510-1

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

Sample Number	2424123-1
Sampled Date	Mar 24, 2024 9:25 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 24, 2024
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
Water Testing							
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	-	-	32.7	≤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 : 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

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2424123

Date Received : Mar 24, 2024

Date Reported : Mar 27, 2024

Report Number : 2923510-2

Page 1 of 1

Sample Number	2424123-1						
Sampled Date	Mar 24, 2024 9:25 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Mar 27, 2024						
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.4	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

Remark :

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Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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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

TESTING

No.0042

Lot ID: 2424124

Date Received : Mar 25, 2024

Date Reported : Mar 28, 2024

Report Number : 2923511-1

Page 1 of 1

Sample Number	2424124-1
Sampled Date	Mar 25, 2024 9:03 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 25, 2024
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
Water Testing							
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)
- 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: 2424124

Date Received : Mar 25, 2024

Date Reported : Mar 28, 2024

Report Number : 2923511-2

Page 1 of 1

Sample Number	2424124-1
Sampled Date	Mar 25, 2024 9:03 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 27, 2024
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
Water Testing							
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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Approved by

N. Banchongkit

Narumon Banchongkit
Supervisor

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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2424125

Date Received : Mar 26, 2024

Date Reported : Mar 28, 2024

Report Number : 2923513-1

Page 1 of 1

Sample Number	2424125-1
Sampled Date	Mar 26, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 26, 2024
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
Water Testing							
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	-	-	33.2	≤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 :

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

Technical Management

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2424125

Date Received : Mar 26, 2024

Date Reported : Mar 28, 2024

Report Number : 2923513-2

Page 1 of 1

Sample Number	2424125-1
Sampled Date	Mar 26, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 27, 2024
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
Water Testing							
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 Lertnanthakunchai

Remark :

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Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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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

TESTING

No.0042

Lot ID: 2424126

Date Received : Mar 27, 2024

Date Reported : Mar 29, 2024

Report Number : 2923522-1

Page 1 of 1

Sample Number	2424126-1
Sampled Date	Mar 27, 2024 9:50 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 27, 2024
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
Water Testing							
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 : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2424126

Date Received : Mar 27, 2024

Date Reported : Mar 29, 2024

Report Number : 2923522-2

Page 1 of 1

Sample Number	2424126-1
Sampled Date	Mar 27, 2024 9:50 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 28, 2024
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
Water Testing							
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 : Paramet Sattayakun

Remark :

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Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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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

TESTING

No.0042

Lot ID: 2424127

Date Received : Mar 28, 2024

Date Reported : Mar 30, 2024

Report Number : 2923523-1

Page 1 of 1

Sample Number	2424127-1					
Sampled Date	Mar 28, 2024 8:55 AM					
Sample Description	Wastewater					
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)					
Date Analysis Commenced	Mar 28, 2024					
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
Water Testing							
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	-	-	33.7	≤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 : Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

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Technical Management

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2424127

Date Received : Mar 28, 2024

Date Reported : Mar 30, 2024

Report Number : 2923523-2

Page 1 of 1

Sample Number	2424127-1
Sampled Date	Mar 28, 2024 8:55 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 30, 2024
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	4.2	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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Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2424128

Date Received : Mar 29, 2024

Date Reported : Apr 02, 2024

Report Number : 2923524-1

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

Sample Number	2424128-1
Sampled Date	Mar 29, 2024 9:40 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 29, 2024
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
Water Testing							
pH at 25 degree C		-	-	8.3	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	-	-	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 :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

N. Banongkit

Narumon Banhongkit

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: 2424128

Date Received : Mar 29, 2024

Date Reported : Apr 02, 2024

Report Number : 2923524-2

Page 1 of 1

Sample Number	2424128-1
Sampled Date	Mar 29, 2024 9:40 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 30, 2024
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	3.7	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)

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 :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2424129

Date Received : Mar 30, 2024

Date Reported : Apr 03, 2024

Report Number : 2923525-1

Page 1 of 1

Sample Number	2424129-1
Sampled Date	Mar 30, 2024 10:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Mar 30, 2024
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
Water Testing							
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 : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

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: 2424129

Date Received : Mar 30, 2024

Date Reported : Apr 03, 2024

Report Number : 2923525-2

Page 1 of 1

Sample Number	2424129-1
Sampled Date	Mar 30, 2024 10:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 02, 2024
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.5	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 : Surawit Narapong

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

P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2424130

Date Received : Mar 31, 2024

Date Reported : Apr 04, 2024

Report Number : 2923526-1

Page 1 of 1

Sample Number	2424130-1
Sampled Date	Mar 31, 2024 9:35 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 01, 2024
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
Water Testing							
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	-	-	34.5	≤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 : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remark :

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

N. Banongkit

Narumon Banhongkit

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: 2424130

Date Received : Mar 31, 2024

Date Reported : Apr 04, 2024

Report Number : 2923526-2

Page 1 of 1

Sample Number	2424130-1
Sampled Date	Mar 31, 2024 9:35 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 02, 2024
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	4.6	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

Remark :

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Approved by

N. Banchongkit

Narumon Banchongkit
Supervisor

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2436479

Date Received : Apr 09, 2024

Date Reported : Apr 19, 2024

Report Number : 2951269-1

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 2

Sample Number	2436479-1
Sampled Date	Apr 09, 2024 9:32 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 09, 2024
Condition of Sample	Contained in one amber glass bottle and four plastic bottles.sample containers comply to pretreatment - preservation standards (APHA/USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 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	620	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	1.2	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

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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Analysis / Test Report

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

P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2436479

Date Received : Apr 09, 2024

Date Reported : Apr 19, 2024

Report Number : 2951269-1

Page 2 of 2

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

Technical Management

N. Banthongkit

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

TESTING

No.0009

Lot ID: 2436479

Date Received : Apr 09, 2024

Date Reported : Apr 19, 2024

Report Number : 2951269-2

Page 1 of 1

Sample Number	2436479-1						
Sampled Date	Apr 09, 2024 9:32 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Apr 10, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles.sample containers comply to pretreatment - preservation standards (APHA/USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.0005	0.001	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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

Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

Remark :

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

Technical Management

Chamatt L.

Chanattagarn Imchom

Section Head

ทะเบียนเลขที่ ว-204-จ-0008

Approved by

Kanok Korn Anek

Kanokkorn Anek

Senior Manager

ทะเบียนเลขที่ ว-204-ค-0004

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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0009

Lot ID: 2436479

Date Received : Apr 09, 2024

Date Reported : Apr 19, 2024

Report Number : 2951269-3

Page 1 of 1

Sample Number	2436479-1						
Sampled Date	Apr 09, 2024 9:32 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Apr 09, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles.sample containers comply to pretreatment - preservation standards (APHA/USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.03	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Nitrate as N *	mg/L	0.015	0.05	0.57	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 , Pattarapol Sawangjaitam

Remark :

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Approved by

Chanatt L.

Chanattagarn Imchom
Section Head

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6403-71/ EMAIL

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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

TESTING

No.0042

Lot ID: 2436484

Date Received : Apr 01, 2024

Date Reported : Apr 04, 2024

Report Number : 2951272-1

Page 1 of 1

Sample Number	2436484-1						
Sampled Date	Apr 01, 2024 9:20 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Apr 01, 2024						
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 no turbid						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	34.0	≤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 :

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

P/O :

Project Name : Monitoring

Project Location: CUP 2

Lot ID: 2436484

Date Received : Apr 01, 2024

Date Reported : Apr 04, 2024

Report Number : 2951272-2

Page 1 of 1

Sample Number	2436484-1
Sampled Date	Apr 01, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 02, 2024
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 no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	12.7	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 :

- 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

TESTING

No.0042

Lot ID: 2436485

Date Received : Apr 02, 2024

Date Reported : Apr 05, 2024

Report Number : 2951273-1

Page 1 of 1

Sample Number	2436485-1
Sampled Date	Apr 02, 2024 9:47 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 02, 2024
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
Water Testing							
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	-	-	34.7	≤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)
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- 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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92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

P/O :

Project Name : Monitoring

Project Location: CUP 2

Lot ID: 2436485

Date Received : Apr 02, 2024

Date Reported : Apr 05, 2024

Report Number : 2951273-2

Page 1 of 1

Sample Number	2436485-1						
Sampled Date	Apr 02, 2024 9:47 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Apr 03, 2024						
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.3	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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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 :
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2436486

Date Received : Apr 03, 2024
Date Reported : Apr 06, 2024
Report Number : 2951274-1

Page 1 of 1

Sample Number	2436486-1
Sampled Date	Apr 03, 2024 9:24 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 03, 2024
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	Method	Testing Location
Water Testing						
pH at 25 degree C		-	-	8.2	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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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

Remark :

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Technical Management

N. Banachkit

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: 2436486

Date Received : Apr 03, 2024
Date Reported : Apr 06, 2024
Report Number : 2951274-2

Page 1 of 1

Sample Number	2436486-1
Sampled Date	Apr 03, 2024 9:24 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 05, 2024
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	Method	Testing Location
Water Testing						
Dissolved Oxygen	mg/L	-	0.1	5.6	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong

Sampling By : Surawit Narapong

Remark :

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Approved by

Narumon Banchongkit
Supervisor

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2436488

Date Received : Apr 04, 2024

Date Reported : Apr 07, 2024

Report Number : 2951275-1

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

Sample Number	2436488-1
Sampled Date	Apr 04, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 04, 2024
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
Water Testing							
pH at 25 degree C		-	-	8.3	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	-	-	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. 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: 2436488

Date Received : Apr 04, 2024

Date Reported : Apr 07, 2024

Report Number : 2951275-2

Page 1 of 1

Sample Number	2436488-1
Sampled Date	Apr 04, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 05, 2024
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
Water Testing							
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 Lertnanthakunchai

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

TESTING

No.0042

Lot ID: 2436489

Date Received : Apr 05, 2024

Date Reported : Apr 09, 2024

Report Number : 2951276-1

Page 1 of 1

Sample Number	2436489-1
Sampled Date	Apr 05, 2024 9:35 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 05, 2024
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
Water Testing							
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 : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

Remark :

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

Technical Management

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2436489

Date Received : Apr 05, 2024

Date Reported : Apr 09, 2024

Report Number : 2951276-2

Page 1 of 1

Sample Number	2436489-1
Sampled Date	Apr 05, 2024 9:35 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 09, 2024
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
Water Testing							
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 : Chainusorn Lertnanthakunchai

Remark :

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Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2436490

Date Received : Apr 06, 2024

Date Reported : Apr 09, 2024

Report Number : 2951277-1

Page 1 of 1

Sample Number	2436490-1
Sampled Date	Apr 06, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 06, 2024
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
Water Testing							
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 : Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

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Technical Management

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2436490

Date Received : Apr 06, 2024

Date Reported : Apr 09, 2024

Report Number : 2951277-2

Page 1 of 1

Sample Number	2436490-1						
Sampled Date	Apr 06, 2024 9:15 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Apr 09, 2024						
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.5	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 : Tanasit Wongsachai

Remark :

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Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2436491

Date Received : Apr 08, 2024

Date Reported : Apr 10, 2024

Report Number : 2951278-1

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

Sample Number	2436491-1
Sampled Date	Apr 07, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 08, 2024
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
Water Testing							
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 : Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

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Technical Management

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2436491

Date Received : Apr 08, 2024

Date Reported : Apr 10, 2024

Report Number : 2951278-2

Page 1 of 1

Sample Number	2436491-1
Sampled Date	Apr 07, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 09, 2024
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
Water Testing							
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

Remark :

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

Approved by

Photchana S.

Photchana Seeda
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 :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2436492

Date Received : Apr 08, 2024

Date Reported : Apr 11, 2024

Report Number : 2951280-1

Page 1 of 1

Sample Number	2436492-1
Sampled Date	Apr 08, 2024 9:12 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 08, 2024
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
Water Testing							
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 : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

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

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2436492

Date Received : Apr 08, 2024

Date Reported : Apr 11, 2024

Report Number : 2951280-2

Page 1 of 1

Sample Number	2436492-1
Sampled Date	Apr 08, 2024 9:12 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 09, 2024
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.5	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

Remark :

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

Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2436493

Date Received : Apr 09, 2024

Date Reported : Apr 12, 2024

Report Number : 2951281-1

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

Sample Number	2436493-1
Sampled Date	Apr 09, 2024 9:32 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 09, 2024
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
Water Testing							
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	-	-	34.8	≤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)
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- 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: 2436493

Date Received : Apr 09, 2024

Date Reported : Apr 12, 2024

Report Number : 2951281-2

Page 1 of 1

Sample Number	2436493-1
Sampled Date	Apr 09, 2024 9:32 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 10, 2024
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
Water Testing							
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 Lertnanthakunchai

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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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2436494

Date Received : Apr 10, 2024

Date Reported : Apr 12, 2024

Report Number : 2951282-1

Page 1 of 1

Sample Number	2436494-1
Sampled Date	Apr 10, 2024 9:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 10, 2024
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
Water Testing							
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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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2436494

Date Received : Apr 10, 2024

Date Reported : Apr 12, 2024

Report Number : 2951282-2

Page 1 of 1

Sample Number	2436494-1
Sampled Date	Apr 10, 2024 9:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 10, 2024
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	4.5	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)

Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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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

TESTING

No.0042

Lot ID: 2436495

Date Received : Apr 11, 2024

Date Reported : Apr 13, 2024

Report Number : 2951283-1

Page 1 of 1

Sample Number	2436495-1
Sampled Date	Apr 11, 2024 9:18 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 11, 2024
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
Water Testing							
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	-	-	35.5	≤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 : Pitthaya Thongtaeng ทะเบียนเลขที่ ว-323-จ-9448

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- 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: 2436495

Date Received : Apr 11, 2024

Date Reported : Apr 13, 2024

Report Number : 2951283-2

Page 1 of 1

Sample Number	2436495-1
Sampled Date	Apr 11, 2024 9:18 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 13, 2024
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
Water Testing							
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 : Pitthaya Thongtaeng

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

P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2436496

Date Received : Apr 12, 2024

Date Reported : Apr 19, 2024

Report Number : 2951285-1

Page 1 of 1

Sample Number	2436496-1
Sampled Date	Apr 12, 2024 9:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 12, 2024
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
Water Testing							
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 : Narunat thammassaro ทะเบียนเลขที่ ว-323-จ-9477

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- 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: 2436496

Date Received : Apr 12, 2024

Date Reported : Apr 19, 2024

Report Number : 2951285-2

Page 1 of 1

Sample Number	2436496-1
Sampled Date	Apr 12, 2024 9:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 13, 2024
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
Water Testing							
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 : Narunat thammasaro

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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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2436497

Date Received : Apr 13, 2024

Date Reported : Apr 19, 2024

Report Number : 2951286-1

Page 1 of 1

Sample Number	2436497-1
Sampled Date	Apr 13, 2024 11:48 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 13, 2024
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
Water Testing							
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	-	-	36.2	≤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 : Pitthaya Thongtaeng ทะเบียนเลขที่ ว-323-จ-9448

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

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

Approved by

D. Changchon.

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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Analysis / Test Report

Client : 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: 2436497

Date Received : Apr 13, 2024

Date Reported : Apr 19, 2024

Report Number : 2951286-2

Page 1 of 1

Sample Number	2436497-1						
Sampled Date	Apr 13, 2024 11:48 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Apr 13, 2024						
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.4	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 : Pitthaya Thongtaeng

Remark :

- LOD : Limit of Detection
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Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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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

TESTING

No.0042

Lot ID: 2436498

Date Received : Apr 15, 2024

Date Reported : Apr 19, 2024

Report Number : 2951287-1

Page 1 of 1

Sample Number	2436498-1
Sampled Date	Apr 14, 2024 9:25 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 14, 2024
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
Water Testing							
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	-	-	35.4	≤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 : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :

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

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2436498

Date Received : Apr 15, 2024

Date Reported : Apr 19, 2024

Report Number : 2951287-2

Page 1 of 1

Sample Number	2436498-1						
Sampled Date	Apr 14, 2024 9:25 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Apr 15, 2024						
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
Water Testing							
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 : Nattawut Athomprommarat

Remark :

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Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2436499

Date Received : Apr 15, 2024

Date Reported : Apr 19, 2024

Report Number : 2951289-1

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

Sample Number	2436499-1
Sampled Date	Apr 15, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 15, 2024
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
Water Testing							
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	-	-	35.4	≤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 : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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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: 2436499

Date Received : Apr 15, 2024

Date Reported : Apr 19, 2024

Report Number : 2951289-2

Page 1 of 1

Sample Number	2436499-1
Sampled Date	Apr 15, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 15, 2024
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
Water Testing							
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 : Surawit Narapong

Remark :

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Approved by

N. Banchongkit

Narumon Banchongkit
Supervisor

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2436500

Date Received : Apr 16, 2024

Date Reported : Apr 19, 2024

Report Number : 2951290-1

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

Sample Number	2436500-1
Sampled Date	Apr 16, 2024 9:25 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 16, 2024
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
Water Testing							
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	-	-	35.4	≤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 : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

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: 2436500

Date Received : Apr 16, 2024

Date Reported : Apr 19, 2024

Report Number : 2951290-2

Page 1 of 1

Sample Number	2436500-1
Sampled Date	Apr 16, 2024 9:25 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 19, 2024
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.4	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 : Surawit Narapong

Remark :

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Approved by

N. Banchongkit

Narumon Banchongkit
Supervisor

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2436501

Date Received : Apr 17, 2024

Date Reported : Apr 20, 2024

Report Number : 2951292-1

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

Sample Number	2436501-1
Sampled Date	Apr 17, 2024 9:40 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 17, 2024
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
Water Testing							
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	-	-	35.5	≤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 : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

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

P/O :

Project Name : Monitoring

Project Location: CUP 2

Lot ID: 2436501

Date Received : Apr 17, 2024

Date Reported : Apr 20, 2024

Report Number : 2951292-2

Page 1 of 1

Sample Number	2436501-1						
Sampled Date	Apr 17, 2024 9:40 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Apr 19, 2024						
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
Water Testing							
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 : 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 :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2436502

Date Received : Apr 18, 2024

Date Reported : Apr 23, 2024

Report Number : 2951291-1

Page 1 of 1

Sample Number	2436502-1
Sampled Date	Apr 18, 2024 10:40 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 18, 2024
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
Water Testing							
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	-	-	35.4	≤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).

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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Client : Global Power Synergy Public Company Limited
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P/O :

Project Name : Monitoring

Project Location: CUP 2

Lot ID: 2436502

Date Received : Apr 18, 2024

Date Reported : Apr 23, 2024

Report Number : 2951291-2

Page 1 of 1

Sample Number	2436502-1
Sampled Date	Apr 18, 2024 10:40 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 20, 2024
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
Water Testing							
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).

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

TESTING

No.0042

Lot ID: 2436503

Date Received : Apr 19, 2024

Date Reported : Apr 23, 2024

Report Number : 2951293-1

Page 1 of 1

Sample Number	2436503-1
Sampled Date	Apr 19, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 19, 2024
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
Water Testing							
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	-	-	34.9	≤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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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- 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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92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

P/O :

Project Name : Monitoring

Project Location: CUP 2

Lot ID: 2436503

Date Received : Apr 19, 2024

Date Reported : Apr 23, 2024

Report Number : 2951293-2

Page 1 of 1

Sample Number	2436503-1
Sampled Date	Apr 19, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 20, 2024
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
Water Testing							
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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Approved by

N. Banchongkit

Narumon Banchongkit
Supervisor

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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2436504

Date Received : Apr 20, 2024

Date Reported : Apr 23, 2024

Report Number : 2951294-1

Page 1 of 1

Sample Number	2436504-1
Sampled Date	Apr 20, 2024 8:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 20, 2024
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
Water Testing							
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 : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- 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: 2436504

Date Received : Apr 20, 2024

Date Reported : Apr 23, 2024

Report Number : 2951294-2

Page 1 of 1

Sample Number	2436504-1
Sampled Date	Apr 20, 2024 8:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 20, 2024
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
Water Testing							
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 : Nattawut Athomprommarat

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

TESTING

No.0042

Lot ID: 2436505

Date Received : Apr 21, 2024

Date Reported : Apr 25, 2024

Report Number : 2951296-1

Page 1 of 1

Sample Number	2436505-1
Sampled Date	Apr 21, 2024 8:50 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 21, 2024
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
Water Testing							
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	-	-	34.5	≤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 : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :

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

Technical Management

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2436505

Date Received : Apr 21, 2024

Date Reported : Apr 25, 2024

Report Number : 2951296-2

Page 1 of 1

Sample Number	2436505-1
Sampled Date	Apr 21, 2024 8:50 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 23, 2024
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
Water Testing							
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 : Nattawut Athomprommarat

Remark :

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Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2436506

Date Received : Apr 22, 2024

Date Reported : Apr 24, 2024

Report Number : 2951297-1

Page 1 of 1

Sample Number	2436506-1
Sampled Date	Apr 22, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 22, 2024
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
Water Testing							
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	-	-	35.0	≤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. 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: 2436506

Date Received : Apr 22, 2024

Date Reported : Apr 24, 2024

Report Number : 2951297-2

Page 1 of 1

Sample Number	2436506-1
Sampled Date	Apr 22, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 23, 2024
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	11.4	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

Remark :

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Approved by

N. Banchongkit

Narumon Banchongkit
Supervisor

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2436507

Date Received : Apr 23, 2024

Date Reported : Apr 26, 2024

Report Number : 2951298-1

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

Sample Number	2436507-1
Sampled Date	Apr 23, 2024 9:25 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 23, 2024
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
Water Testing							
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	-	-	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 : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

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: 2436507

Date Received : Apr 23, 2024

Date Reported : Apr 26, 2024

Report Number : 2951298-2

Page 1 of 1

Sample Number	2436507-1						
Sampled Date	Apr 23, 2024 9:25 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Apr 25, 2024						
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	12.9	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

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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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2436508

Date Received : Apr 24, 2024

Date Reported : Apr 27, 2024

Report Number : 2973009-1

Page 1 of 1

Sample Number	2436508-1
Sampled Date	Apr 24, 2024 8:43 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 24, 2024
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
Water Testing							
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	-	-	34.6	≤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 :

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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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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: 2436508

Date Received : Apr 24, 2024

Date Reported : Apr 27, 2024

Report Number : 2973009-2

Page 1 of 1

Sample Number	2436508-1
Sampled Date	Apr 24, 2024 8:43 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 25, 2024
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
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.0	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

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 :

Project Name : Monitoring

Project Location: CUP 2

Lot ID: 2436509

Date Received : Apr 25, 2024

Date Reported : Apr 27, 2024

Report Number : 2951300-1

Page 1 of 1

Sample Number	2436509-1
Sampled Date	Apr 25, 2024 8:50 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 25, 2024
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
Water Testing							
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	-	-	34.5	≤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 :

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Technical Management

N. Banongkit

Narumon Banhongkit
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: 2436509

Date Received : Apr 25, 2024

Date Reported : Apr 27, 2024

Report Number : 2951300-2

Page 1 of 1

Sample Number	2436509-1
Sampled Date	Apr 25, 2024 8:50 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 26, 2024
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
Water Testing							
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 Lertnanthakunchai

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

TESTING

No.0042

Lot ID: 2436510

Date Received : Apr 26, 2024

Date Reported : Apr 27, 2024

Report Number : 2951301-1

Page 1 of 1

Sample Number	2436510-1					
Sampled Date	Apr 26, 2024 9:25 AM					
Sample Description	Wastewater					
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)					
Date Analysis Commenced	Apr 26, 2024					
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
Water Testing							
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	-	-	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 : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

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: 2436510

Date Received : Apr 26, 2024

Date Reported : Apr 27, 2024

Report Number : 2951301-2

Page 1 of 1

Sample Number	2436510-1
Sampled Date	Apr 26, 2024 9:25 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 27, 2024
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
Water Testing							
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

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

TESTING

No.0042

Lot ID: 2436511

Date Received : Apr 27, 2024

Date Reported : Apr 30, 2024

Report Number : 2951302-1

Page 1 of 1

Sample Number	2436511-1
Sampled Date	Apr 27, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 27, 2024
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
Water Testing							
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	-	-	35.5	≤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

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Technical Management

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2436511

Date Received : Apr 27, 2024

Date Reported : Apr 30, 2024

Report Number : 2951302-2

Page 1 of 1

Sample Number	2436511-1						
Sampled Date	Apr 27, 2024 9:30 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Apr 27, 2024						
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
Water Testing							
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 :

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Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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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

TESTING

No.0042

Lot ID: 2436512

Date Received : Apr 29, 2024

Date Reported : May 02, 2024

Report Number : 2951304-1

Page 1 of 1

Sample Number	2436512-1
Sampled Date	Apr 28, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 28, 2024
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
Water Testing							
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	-	-	35.6	≤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 :

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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: 2436512

Date Received : Apr 29, 2024

Date Reported : May 02, 2024

Report Number : 2951304-2

Page 1 of 1

Sample Number	2436512-1						
Sampled Date	Apr 28, 2024 9:20 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	May 02, 2024						
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
Water Testing							
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 : Paramet Sattayakun

Remark :

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Approved by

N. Banchongkit

Narumon Banchongkit
Supervisor

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2436513

Date Received : Apr 29, 2024

Date Reported : May 03, 2024

Report Number : 2951306-1

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

Sample Number	2436513-1
Sampled Date	Apr 29, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 29, 2024
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
Water Testing							
pH at 25 degree C		-	-	8.3	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	-	-	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 : Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

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: 2436513

Date Received : Apr 29, 2024

Date Reported : May 03, 2024

Report Number : 2951306-2

Page 1 of 1

Sample Number	2436513-1
Sampled Date	Apr 29, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	May 02, 2024
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
Water Testing							
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

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

Lot ID: 2436514

Date Received : Apr 30, 2024

Date Reported : May 03, 2024

Report Number : 2951305-1

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

Sample Number	2436514-1
Sampled Date	Apr 30, 2024 9:03 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Apr 30, 2024
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
Water Testing							
pH at 25 degree C		-	-	8.4	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	-	-	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 : 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

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

Approved by

D. Changchon.

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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Analysis / Test Report

Client : 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: 2436514

Date Received : Apr 30, 2024

Date Reported : May 03, 2024

Report Number : 2951305-2

Page 1 of 1

Sample Number	2436514-1						
Sampled Date	Apr 30, 2024 9:03 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	May 02, 2024						
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
Water Testing							
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 : Paramet Sattayakun

Remark :

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Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2447556

Date Received : May 14, 2024

Date Reported : May 21, 2024

Report Number : 2976946-1

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 2

Sample Number	2447556-1						
Sampled Date	May 14, 2024 9:05 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	May 14, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	30	≤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	692	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	1.3	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 , Samart Khumphlee ทะเบียนเลขที่ ว-204-จ-0084

Remark :

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

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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

TESTING
No.0042
Lot ID: 2447556
Date Received : May 14, 2024
Date Reported : May 21, 2024
Report Number : 2976946-1

Page 2 of 2

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

Technical Management

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

Approved by

D. Johnson.

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2447556

Date Received : May 14, 2024

Date Reported : May 21, 2024

Report Number : 2976946-2

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

Sample Number	2447556-1						
Sampled Date	May 14, 2024 9:05 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	May 15, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.0005	0.005	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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

Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461 , Samart Khumphlee ทะเบียนเลขที่ ว-204-จ-0084

Remark :

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Technical Management

Savitree N.

Savitree Noisangiam
Manager

ทะเบียนเลขที่ ว-204-จ-0007

Approved by

Kanokkorn Anek

Kanokkorn Anek
Senior Manager

ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2447556

Date Received : May 14, 2024

Date Reported : May 21, 2024

Report Number : 2976946-3

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

Sample Number	2447556-1						
Sampled Date	May 14, 2024 9:05 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	May 15, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.20	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Nitrate as N *	mg/L	0.015	0.05	0.96	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 , Samart Khumphlee

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Approved by

Savitree N.

Savitree Noisangiam
Manager

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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

TESTING

No.0042

Lot ID: 2447551

Date Received : May 02, 2024

Date Reported : May 03, 2024

Report Number : 2978301-1

Page 1 of 1

Sample Number 2447551-1
Sampled Date May 01, 2024 9:35 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Feb 02, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	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 : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

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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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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: 2447551

Date Received : May 02, 2024

Date Reported : May 03, 2024

Report Number : 2978301-2

Page 1 of 1

Sample Number	2447551-1
Sampled Date	May 01, 2024 9:35 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	May 01, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2447596

Date Received : May 02, 2024

Date Reported : May 03, 2024

Report Number : 2976979-1

Page 1 of 1

Sample Number 2447596-1
Sampled Date May 02, 2024 9:30 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 02, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	35.5	≤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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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: 2447596

Date Received : May 02, 2024

Date Reported : May 03, 2024

Report Number : 2976979-2

Page 1 of 1

Sample Number	2447596-1
Sampled Date	May 02, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	May 02, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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
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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

TESTING

No.0042

Lot ID: 2447597

Date Received : May 03, 2024

Date Reported : May 04, 2024

Report Number : 2976980-1

Page 1 of 1

Sample Number	2447597-1
Sampled Date	May 03, 2024 9:08 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	May 03, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	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 : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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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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: 2447597

Date Received : May 03, 2024

Date Reported : May 04, 2024

Report Number : 2976980-2

Page 1 of 1

Sample Number	2447597-1
Sampled Date	May 03, 2024 9:08 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	May 03, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 :

- 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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P/O :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2447598

Date Received : May 04, 2024

Date Reported : May 08, 2024

Report Number : 2976981-1

Page 1 of 1

Sample Number	2447598-1
Sampled Date	May 04, 2024 9:50 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	May 04, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	35.5	≤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

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2447598

Date Received : May 04, 2024

Date Reported : May 08, 2024

Report Number : 2976981-2

Page 1 of 1

Sample Number	2447598-1
Sampled Date	May 04, 2024 9:50 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	May 06, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2447599

Date Received : May 05, 2024

Date Reported : May 08, 2024

Report Number : 2976982-1

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

Sample Number	2447599-1
Sampled Date	May 05, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	May 05, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)
Physical Property	Yellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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 : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- 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: 2447599

Date Received : May 05, 2024

Date Reported : May 08, 2024

Report Number : 2976982-2

Page 1 of 1

Sample Number 2447599-1
Sampled Date May 05, 2024 9:20 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 06, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)
Physical Property Yellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2447600

Date Received : May 06, 2024

Date Reported : May 08, 2024

Report Number : 2976983-1

Page 1 of 1

Sample Number	2447600-1
Sampled Date	May 06, 2024 9:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	May 06, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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 : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461

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Technical Management

N. Banchoangkit

Narumon Banchoangkit

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: 2447600

Date Received : May 06, 2024

Date Reported : May 08, 2024

Report Number : 2976983-2

Page 1 of 1

Sample Number	2447600-1
Sampled Date	May 06, 2024 9:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	May 06, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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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Analysis / Test Report

TESTING

No.0042

Lot ID: 2447601

Date Received : May 07, 2024

Date Reported : May 10, 2024

Report Number : 2976984-1

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

Sample Number	2447601-1
Sampled Date	May 07, 2024 10:50 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	May 07, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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 : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

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Technical Management

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2447601

Date Received : May 07, 2024

Date Reported : May 10, 2024

Report Number : 2976984-2

Page 1 of 1

Sample Number	2447601-1
Sampled Date	May 07, 2024 10:50 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	May 07, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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

Photchana S.

Photchana Seeda
Scientist (4)

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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

TESTING
No.0042
Lot ID: 2447602
Date Received : May 08, 2024
Date Reported : May 10, 2024
Report Number : 2976985-1

Page 1 of 1

Sample Number 2447602-1
Sampled Date May 08, 2024 9:15 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 08, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	33.1	≤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 :

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Technical Management

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

Approved by

D. Chumson.

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: 2447602

Date Received : May 08, 2024

Date Reported : May 10, 2024

Report Number : 2976985-2

Page 1 of 1

Sample Number 2447602-1
Sampled Date May 08, 2024 9:15 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 08, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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)

Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2447603

Date Received : May 09, 2024

Date Reported : May 13, 2024

Report Number : 2976986-1

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

Sample Number	2447603-1
Sampled Date	May 09, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	May 09, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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 : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

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

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2447603

Date Received : May 09, 2024

Date Reported : May 13, 2024

Report Number : 2976986-2

Page 1 of 1

Sample Number : 2447603-1
Sampled Date : May 09, 2024 9:20 AM
Sample Description : Wastewater
Location : บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced : May 09, 2024
Condition of Sample : Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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)

Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2447604

Date Received : May 10, 2024

Date Reported : May 14, 2024

Report Number : 2976987-1

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

Sample Number	2447604-1
Sampled Date	May 10, 2024 9:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	May 10, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	33.5	≤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 : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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 : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2447604

Date Received : May 10, 2024

Date Reported : May 14, 2024

Report Number : 2976987-2

Page 1 of 1

Sample Number 2447604-1
Sampled Date May 10, 2024 9:00 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 10, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	4.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 :

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

TESTING
No.0042
Lot ID: 2447605
Date Received : May 12, 2024
Date Reported : May 15, 2024
Report Number : 2976988-1

Page 1 of 1

Sample Number 2447605-1
Sampled Date May 12, 2024 9:30 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 12, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	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)
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2447605

Date Received : May 12, 2024

Date Reported : May 15, 2024

Report Number : 2976988-2

Page 1 of 1

Sample Number 2447605-1
Sampled Date May 12, 2024 9:30 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 14, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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

Photchana S.

Photchana Seeda
Scientist (4)

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

TESTING
No.0042
Lot ID: 2447606
Date Received : May 11, 2024
Date Reported : May 14, 2024
Report Number : 2976989-1

Page 1 of 1

Sample Number 2447606-1
Sampled Date May 11, 2024 10:20 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 11, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	35.1	≤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 :

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Technical Management

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2447606

Date Received : May 11, 2024

Date Reported : May 14, 2024

Report Number : 2976989-2

Page 1 of 1

Sample Number 2447606-1
Sampled Date May 11, 2024 10:20 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 14, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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

Photchana S.

Photchana Seeda
Scientist (4)

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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

TESTING
No.0042
Lot ID: 2447607
Date Received : May 13, 2024
Date Reported : May 16, 2024
Report Number : 2976990-1

Page 1 of 1

Sample Number 2447607-1
Sampled Date May 13, 2024 10:00 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 13, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	32.3	≤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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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-9447

Approved by

D. Changchon.

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-9442

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

Lot ID: 2447607

Date Received : May 13, 2024

Date Reported : May 16, 2024

Report Number : 2976990-2

Page 1 of 1

Sample Number : 2447607-1
Sampled Date : May 13, 2024 10:00 AM
Sample Description : Wastewater
Location : บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced : May 14, 2024
Condition of Sample : Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	4.7	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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

Thanita K.

Thanita Kulsuriwong
Scientist (4)

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P/O : DA41002956

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2447608

Date Received : May 14, 2024

Date Reported : May 17, 2024

Report Number : 2976991-1

Page 1 of 1

Sample Number	2447608-1
Sampled Date	May 14, 2024 9:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	May 14, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	33.5	≤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
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Technical Management

Chontichak

Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-จ-9449

Approved by

D. Changchon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-9442

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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: 2447608

Date Received : May 14, 2024

Date Reported : May 17, 2024

Report Number : 2976991-2

Page 1 of 1

Sample Number 2447608-1
Sampled Date May 14, 2024 9:05 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 14, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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)

Approved by

Chontichak

Chonticha Subongkoch
Scientist (3)

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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: 2447609
Date Received : May 15, 2024
Date Reported : May 17, 2024
Report Number : 2976992-1

Page 1 of 1

Sample Number 2447609-1
Sampled Date May 15, 2024 9:22 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 15, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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 : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

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

Chontichak

Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-จ-9449

Approved by

D. Changchon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-9442

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2447609

Date Received : May 15, 2024

Date Reported : May 17, 2024

Report Number : 2976992-2

Page 1 of 1

Sample Number : 2447609-1
Sampled Date : May 15, 2024 9:22 AM
Sample Description : Wastewater
Location : บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced : May 17, 2024
Condition of Sample : Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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)

Approved by

Chontichak

Chonticha Subongkoch
Scientist (3)

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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

TESTING
No.0042
Lot ID: 2447610
Date Received : May 16, 2024
Date Reported : May 20, 2024
Report Number : 2976993-1

Page 1 of 1

Sample Number 2447610-1
Sampled Date May 16, 2024 9:50 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 16, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.1	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	-	-	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 : Narunat thammassaro ทะเบียนเลขที่ ว-323-จ-9477

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2447610

Date Received : May 16, 2024

Date Reported : May 20, 2024

Report Number : 2976993-2

Page 1 of 1

Sample Number 2447610-1
Sampled Date May 16, 2024 9:50 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 16, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 :

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

Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2447611

Date Received : May 17, 2024

Date Reported : May 21, 2024

Report Number : 2976994-1

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

Sample Number	2447611-1
Sampled Date	May 17, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	May 17, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	33.8	≤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
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2447611

Date Received : May 17, 2024

Date Reported : May 21, 2024

Report Number : 2976994-2

Page 1 of 1

Sample Number 2447611-1
Sampled Date May 17, 2024 9:15 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 17, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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
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Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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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

TESTING
No.0042
Lot ID: 2447612
Date Received : May 18, 2024
Date Reported : May 21, 2024
Report Number : 2976995-1

Page 1 of 1

Sample Number 2447612-1
Sampled Date May 18, 2024 9:48 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 18, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	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 : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remark :

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

Chontichak

Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-จ-9449

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: 2447612

Date Received : May 18, 2024

Date Reported : May 21, 2024

Report Number : 2976995-2

Page 1 of 1

Sample Number 2447612-1
Sampled Date May 18, 2024 9:48 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 18, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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
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Approved by

Chontichak

Chonticha Subongkoch
Scientist (3)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2447613

Date Received : May 19, 2024

Date Reported : May 21, 2024

Report Number : 2976996-1

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

Sample Number	2447613-1
Sampled Date	May 19, 2024 9:51 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	May 19, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	34.9	≤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)
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Technical Management

Chontichak

Chonticha Subongkoch

Scientist (3)

ทะเบียนเลขที่ ว-323-จ-9449

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: 2447613

Date Received : May 19, 2024

Date Reported : May 21, 2024

Report Number : 2976996-2

Page 1 of 1

Sample Number 2447613-1
Sampled Date May 19, 2024 9:51 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 19, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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)

Approved by

Chontichak

Chonticha Subongkoch
Scientist (3)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2447614

Date Received : May 20, 2024

Date Reported : May 24, 2024

Report Number : 2976997-1

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

Sample Number	2447614-1
Sampled Date	May 20, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	May 20, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	35.3	≤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)
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Technical Management

Chontichak

Chonticha Subongkoch

Scientist (3)

ทะเบียนเลขที่ ว-323-จ-9449

Approved by

D. Changchon

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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Analysis / Test Report

Client : 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: 2447614

Date Received : May 20, 2024

Date Reported : May 24, 2024

Report Number : 2976997-2

Page 1 of 1

Sample Number 2447614-1
Sampled Date May 20, 2024 9:10 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 20, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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)

Approved by

Chontichak

Chonticha Subongkoch
Scientist (3)

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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: 2447615
Date Received : May 21, 2024
Date Reported : May 27, 2024
Report Number : 2976998-1

Page 1 of 1

Sample Number 2447615-1
Sampled Date May 21, 2024 9:22 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 21, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	33.4	≤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)
- 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

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

Approved by

D. Chumson.

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: 2447615

Date Received : May 21, 2024

Date Reported : May 27, 2024

Report Number : 2976998-2

Page 1 of 1

Sample Number : 2447615-1
Sampled Date : May 21, 2024 9:22 AM
Sample Description : Wastewater
Location : บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced : May 21, 2024
Condition of Sample : Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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
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Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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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

TESTING
No.0042
Lot ID: 2447616
Date Received : May 22, 2024
Date Reported : May 27, 2024
Report Number : 2976999-1

Page 1 of 1

Sample Number 2447616-1
Sampled Date May 22, 2024 9:35 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 22, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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 : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

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

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2447616

Date Received : May 22, 2024

Date Reported : May 27, 2024

Report Number : 2976999-2

Page 1 of 1

Sample Number 2447616-1
Sampled Date May 22, 2024 9:35 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 22, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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

Photchana S.

Photchana Seeda
Scientist (4)

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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

TESTING
No.0042
Lot ID: 2447617
Date Received : May 23, 2024
Date Reported : May 27, 2024
Report Number : 2977000-1

Page 1 of 1

Sample Number 2447617-1
Sampled Date May 23, 2024 9:56 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 23, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

Approved by

D. Changchon.

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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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: 2447617

Date Received : May 23, 2024

Date Reported : May 27, 2024

Report Number : 2977000-2

Page 1 of 1

Sample Number 2447617-1
Sampled Date May 23, 2024 9:56 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 23, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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)

Approved by

Photchana S.

Photchana Seeda
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

TESTING
No.0042
Lot ID: 2447618
Date Received : May 24, 2024
Date Reported : May 28, 2024
Report Number : 2977001-1

Page 1 of 1

Sample Number 2447618-1
Sampled Date May 24, 2024 9:15 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 24, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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 : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2447618

Date Received : May 24, 2024

Date Reported : May 28, 2024

Report Number : 2977001-2

Page 1 of 1

Sample Number 2447618-1
Sampled Date May 24, 2024 9:15 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 24, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2447619

Date Received : May 25, 2024

Date Reported : May 29, 2024

Report Number : 2977002-1

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

Sample Number	2447619-1
Sampled Date	May 25, 2024 10:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	May 25, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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)
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Technical Management

Chontichak

Chonticha Subongkoch

Scientist (3)

ทะเบียนเลขที่ ว-323-จ-9449

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: 2447619

Date Received : May 25, 2024

Date Reported : May 29, 2024

Report Number : 2977002-2

Page 1 of 1

Sample Number 2447619-1
Sampled Date May 25, 2024 10:05 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 25, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 thammasaro

Remark :

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

Approved by

Chontichak

Chonticha Subongkoch
Scientist (3)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2447620

Date Received : May 26, 2024

Date Reported : May 29, 2024

Report Number : 2977003-1

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

Sample Number	2447620-1
Sampled Date	May 26, 2024 9:50 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	May 26, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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 : Narunat thammassaro ทะเบียนเลขที่ ว-323-จ-9477

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

Chontichak

Chonticha Subongkoch

Scientist (3)

ทะเบียนเลขที่ ว-323-จ-9449

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: 2447620

Date Received : May 26, 2024

Date Reported : May 29, 2024

Report Number : 2977003-2

Page 1 of 1

Sample Number : 2447620-1
Sampled Date : May 26, 2024 9:50 AM
Sample Description : Wastewater
Location : บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced : May 26, 2024
Condition of Sample : Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 thammasaro

Remark :

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

Approved by

Chontichak

Chonticha Subongkoch
Scientist (3)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2447621

Date Received : May 27, 2024

Date Reported : May 30, 2024

Report Number : 2977004-1

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

Sample Number	2447621-1
Sampled Date	May 27, 2024 9:12 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	May 27, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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 : Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

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Technical Management

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

Approved by

D. Changchon.

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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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: 2447621

Date Received : May 27, 2024

Date Reported : May 30, 2024

Report Number : 2977004-2

Page 1 of 1

Sample Number 2447621-1
Sampled Date May 27, 2024 9:12 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 27, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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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Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2447622

Date Received : May 28, 2024

Date Reported : May 30, 2024

Report Number : 2977005-1

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

Sample Number	2447622-1
Sampled Date	May 28, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	May 28, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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 : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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Technical Management

Chontichak

Chonticha Subongkoch

Scientist (3)

ทะเบียนเลขที่ ว-323-จ-9449

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: 2447622

Date Received : May 28, 2024

Date Reported : May 30, 2024

Report Number : 2977005-2

Page 1 of 1

Sample Number 2447622-1
Sampled Date May 28, 2024 9:20 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 28, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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

Chontichak

Chonticha Subongkoch
Scientist (3)

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

TESTING
No.0042
Lot ID: 2447623
Date Received : May 29, 2024
Date Reported : May 31, 2024
Report Number : 2977006-1

Page 1 of 1

Sample Number 2447623-1
Sampled Date May 29, 2024 9:35 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 29, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	36.6	≤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

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Technical Management

Chontichak

Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-จ-9449

Approved by

D. Chumson

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: 2447623

Date Received : May 29, 2024

Date Reported : May 31, 2024

Report Number : 2977006-2

Page 1 of 1

Sample Number 2447623-1
Sampled Date May 29, 2024 9:35 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 29, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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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Approved by

Chontichak

Chonticha Subongkoch
Scientist (3)

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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

TESTING
No.0042
Lot ID: 2447624
Date Received : May 30, 2024
Date Reported : Jun 01, 2024
Report Number : 2977007-1

Page 1 of 1

Sample Number 2447624-1
Sampled Date May 30, 2024 9:10 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 30, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	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 : Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

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Technical Management

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2447624

Date Received : May 30, 2024

Date Reported : Jun 01, 2024

Report Number : 2977007-2

Page 1 of 1

Sample Number 2447624-1
Sampled Date May 30, 2024 9:10 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 30, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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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Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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

TESTING
No.0042
Lot ID: 2447625
Date Received : May 31, 2024
Date Reported : Jun 03, 2024
Report Number : 2977008-1

Page 1 of 1

Sample Number 2447625-1
Sampled Date May 31, 2024 9:10 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 31, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	8.3	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	-	-	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 :

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

Chontichak

Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-จ-9449

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: 2447625

Date Received : May 31, 2024

Date Reported : Jun 03, 2024

Report Number : 2977008-2

Page 1 of 1

Sample Number 2447625-1
Sampled Date May 31, 2024 9:10 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced May 31, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 :

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

Approved by

Chontichak

Chonticha Subongkoch
Scientist (3)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2451959

Date Received : Jun 11, 2024

Date Reported : Jun 18, 2024

Report Number : 2986522-1

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 2

Sample Number	2451959-1						
Sampled Date	Jun 11, 2024 9:40 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Jun 11, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 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	<0.1	≤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	776	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	2.0	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

Remark :

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

Technical Management

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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

TESTING
No.0042
Lot ID: 2451959
Date Received : Jun 11, 2024
Date Reported : Jun 18, 2024
Report Number : 2986522-1

Page 2 of 2

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

Technical Management

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

Approved by

D. Chumson.

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2451959

Date Received : Jun 11, 2024

Date Reported : Jun 18, 2024

Report Number : 2986522-2

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

Sample Number	2451959-1
Sampled Date	Jun 11, 2024 9:40 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jun 12, 2024
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.0005	0.002	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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

Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-9461 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

Remark :

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

Technical Management

Savitree N.

Savitree Noisangiam

Manager

ทะเบียนเลขที่ ว-204-จ-0007

Approved by

Kanokkorn Anek

Kanokkorn Anek

Senior Manager

ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2451959

Date Received : Jun 11, 2024

Date Reported : Jun 18, 2024

Report Number : 2986522-3

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

Sample Number	2451959-1						
Sampled Date	Jun 11, 2024 9:40 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)						
Date Analysis Commenced	Jun 12, 2024						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.04	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Nitrate as N *	mg/L	0.015	0.05	1.59	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 , Pattarapol Sawangjaitam

Remark :

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Approved by

Savitree N.

Savitree Noisangiam
Manager

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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: 2451975
Date Received : Jun 01, 2024
Date Reported : Jun 04, 2024
Report Number : 2989602-1

Page 1 of 1

Sample Number : 2451975-1
Sampled Date : Jun 01, 2024 9:00 AM
Sample Description : Wastewater
Location : บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced : Jun 01, 2024
Condition of Sample : Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	8.3	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	-	-	32.2	≤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 : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :

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Technical Management

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

Approved by

D. Changchon.

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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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: 2451975

Date Received : Jun 01, 2024

Date Reported : Jun 04, 2024

Report Number : 2989602-2

Page 1 of 1

Sample Number 2451975-1
Sampled Date Jun 01, 2024 9:00 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 01, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 :

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

Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2451976

Date Received : Jun 02, 2024

Date Reported : Jun 06, 2024

Report Number : 2989605-1

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

Sample Number	2451976-1
Sampled Date	Jun 02, 2024 9:14 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jun 02, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	33.5	≤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 : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :

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

Technical Management

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2451976

Date Received : Jun 02, 2024

Date Reported : Jun 06, 2024

Report Number : 2989605-2

Page 1 of 1

Sample Number 2451976-1
Sampled Date Jun 02, 2024 9:14 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 02, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 :

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

Approved by

Photchana S.

Photchana Seeda
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

TESTING
No.0042
Lot ID: 2451977
Date Received : Jun 03, 2024
Date Reported : Jun 06, 2024
Report Number : 2989606-1

Page 1 of 1

Sample Number 2451977-1
Sampled Date Jun 03, 2024 9:45 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 03, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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 : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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Technical Management

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2451977

Date Received : Jun 03, 2024

Date Reported : Jun 06, 2024

Report Number : 2989606-2

Page 1 of 1

Sample Number 2451977-1
Sampled Date Jun 03, 2024 9:45 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 03, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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)

Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2451978

Date Received : Jun 04, 2024

Date Reported : Jun 07, 2024

Report Number : 2989608-1

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

Sample Number	2451978-1
Sampled Date	Jun 04, 2024 9:03 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jun 04, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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 : Wasan Kinunti ทะเบียนเลขที่ ว-323-จ-0019

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

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

Approved by

D. Changchon.

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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Analysis / Test Report

Client : 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: 2451978

Date Received : Jun 04, 2024

Date Reported : Jun 07, 2024

Report Number : 2989608-2

Page 1 of 1

Sample Number 2451978-1
Sampled Date Jun 04, 2024 9:03 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 04, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

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

Sampling By : Wasan Kinunti

Remark :

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

Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2451979

Date Received : Jun 05, 2024

Date Reported : Jun 06, 2024

Report Number : 2989609-1

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

Sample Number	2451979-1
Sampled Date	Jun 05, 2024 9:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jun 05, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	35.0	≤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)
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Chontichak

Chonticha Subongkoch

Scientist (3)

ทะเบียนเลขที่ ว-323-จ-9449

Approved by

D. Changchon

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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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: 2451979

Date Received : Jun 05, 2024

Date Reported : Jun 06, 2024

Report Number : 2989609-2

Page 1 of 1

Sample Number : 2451979-1
Sampled Date : Jun 05, 2024 9:05 AM
Sample Description : Wastewater
Location : บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced : Jun 05, 2024
Condition of Sample : Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline :

Sampling By : Chainusorn Lertnanthakunchai

Remark :

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

Approved by

Chontichak

Chonticha Subongkoch
Scientist (3)

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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

TESTING
No.0042
Lot ID: 2451980
Date Received : Jun 06, 2024
Date Reported : Jun 09, 2024
Report Number : 2989610-1

Page 1 of 1

Sample Number 2451980-1
Sampled Date Jun 06, 2024 9:38 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 06, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	35.0	≤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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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Chontichak

Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-จ-9449

Approved by

D. Chumson

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: 2451980

Date Received : Jun 06, 2024

Date Reported : Jun 09, 2024

Report Number : 2989610-2

Page 1 of 1

Sample Number : 2451980-1
Sampled Date : Jun 06, 2024 9:38 AM
Sample Description : Wastewater
Location : บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced : Jun 06, 2024
Condition of Sample : Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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
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Approved by

Chontichak

Chonticha Subongkoch
Scientist (3)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2451981

Date Received : Jun 07, 2024

Date Reported : Jun 11, 2024

Report Number : 2989611-1

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

Sample Number	2451981-1
Sampled Date	Jun 07, 2024 9:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jun 07, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)
Physical Property	Yellow, some odour, a lot of solid and some turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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 : Ekkachai Tuntong ทะเบียนเลขที่ ว-323-จ-0022

Remark :

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Technical Management

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2451981

Date Received : Jun 07, 2024

Date Reported : Jun 11, 2024

Report Number : 2989611-2

Page 1 of 1

Sample Number 2451981-1
Sampled Date Jun 07, 2024 9:00 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 07, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

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

Sampling By : Ekkachai Tuntong

Remark :

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

Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2451982

Date Received : Jun 08, 2024

Date Reported : Jun 12, 2024

Report Number : 2989612-1

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

Sample Number	2451982-1
Sampled Date	Jun 08, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jun 08, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	8.5	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 : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9447

Approved by

D. Changchon.

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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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: 2451982

Date Received : Jun 08, 2024

Date Reported : Jun 12, 2024

Report Number : 2989612-2

Page 1 of 1

Sample Number 2451982-1
Sampled Date Jun 08, 2024 9:30 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 08, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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

Thanita K.

Thanita Kulsuriwong
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2451983

Date Received : Jun 09, 2024

Date Reported : Jun 13, 2024

Report Number : 2989613-1

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

Sample Number	2451983-1
Sampled Date	Jun 09, 2024 9:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jun 09, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	34.1	≤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)
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9447

Approved by

D. Changchon.

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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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: 2451983

Date Received : Jun 09, 2024

Date Reported : Jun 13, 2024

Report Number : 2989613-2

Page 1 of 1

Sample Number 2451983-1
Sampled Date Jun 09, 2024 9:45 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 09, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2451984

Date Received : Jun 10, 2024

Date Reported : Jun 13, 2024

Report Number : 2989614-1

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

Sample Number	2451984-1
Sampled Date	Jun 10, 2024 9:26 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jun 10, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	32.9	≤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 : Wasan Kinunti ทะเบียนเลขที่ ว-323-จ-0019

Remark :

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9447

Approved by

D. Changchon.

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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Analysis / Test Report

Client : 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: 2451984

Date Received : Jun 10, 2024

Date Reported : Jun 13, 2024

Report Number : 2989614-2

Page 1 of 1

Sample Number 2451984-1
Sampled Date Jun 10, 2024 9:26 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 10, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

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

Sampling By : Wasan Kinunti

Remark :

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

Approved by

Thanita K.

Thanita Kulsuriwong
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2451985

Date Received : Jun 11, 2024

Date Reported : Jun 14, 2024

Report Number : 2989615-1

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

Sample Number	2451985-1
Sampled Date	Jun 11, 2024 9:40 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jun 11, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	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)
- 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

Chontichak

Chonticha Subongkoch

Scientist (3)

ทะเบียนเลขที่ ว-323-จ-9449

Approved by

D. Changchon

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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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: 2451985

Date Received : Jun 11, 2024

Date Reported : Jun 14, 2024

Report Number : 2989615-2

Page 1 of 1

Sample Number 2451985-1
Sampled Date Jun 11, 2024 9:40 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 11, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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)

Approved by

Chontichak

Chonticha Subongkoch
Scientist (3)

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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

TESTING
No.0042
Lot ID: 2451986
Date Received : Jun 12, 2024
Date Reported : Jun 14, 2024
Report Number : 2989616-1

Page 1 of 1

Sample Number 2451986-1
Sampled Date Jun 12, 2024 9:05 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 12, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	33.3	≤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)
- 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

Chontichak

Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-จ-9449

Approved by

D. Changchon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-9442

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2451986

Date Received : Jun 12, 2024

Date Reported : Jun 14, 2024

Report Number : 2989616-2

Page 1 of 1

Sample Number 2451986-1
Sampled Date Jun 12, 2024 9:05 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 12, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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)

Approved by

Chontichak

Chonticha Subongkoch
Scientist (3)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2451987

Date Received : Jun 13, 2024

Date Reported : Jun 17, 2024

Report Number : 2989617-1

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

Sample Number	2451987-1
Sampled Date	Jun 13, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jun 13, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	34.4	≤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)
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Chontichak

Chonticha Subongkoch

Scientist (3)

ทะเบียนเลขที่ ว-323-จ-9449

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: 2451987

Date Received : Jun 13, 2024

Date Reported : Jun 17, 2024

Report Number : 2989617-2

Page 1 of 1

Sample Number 2451987-1
Sampled Date Jun 13, 2024 9:10 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 13, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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)

Approved by

Chontichak

Chonticha Subongkoch
Scientist (3)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2451988

Date Received : Jun 14, 2024

Date Reported : Jun 18, 2024

Report Number : 2989618-1

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

Sample Number	2451988-1
Sampled Date	Jun 14, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jun 14, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	33.3	≤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)
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Chontichak

Chonticha Subongkoch

Scientist (3)

ทะเบียนเลขที่ ว-323-จ-9449

Approved by

D. Changchon

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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Analysis / Test Report

Client : 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: 2451988

Date Received : Jun 14, 2024

Date Reported : Jun 18, 2024

Report Number : 2989618-2

Page 1 of 1

Sample Number 2451988-1
Sampled Date Jun 14, 2024 9:10 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 14, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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)

Approved by

Chontichak

Chonticha Subongkoch
Scientist (3)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2451991

Date Received : Jun 15, 2024

Date Reported : Jun 19, 2024

Report Number : 2989620-1

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

Sample Number	2451991-1
Sampled Date	Jun 15, 2024 8:48 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jun 15, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	34.5	≤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 : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2451991

Date Received : Jun 15, 2024

Date Reported : Jun 19, 2024

Report Number : 2989620-2

Page 1 of 1

Sample Number 2451991-1
Sampled Date Jun 15, 2024 8:48 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 15, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 :

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

Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2451993

Date Received : Jun 16, 2024

Date Reported : Jun 20, 2024

Report Number : 2989622-1

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

Sample Number	2451993-1
Sampled Date	Jun 16, 2024 8:33 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jun 16, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	35.2	≤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 : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2451993

Date Received : Jun 16, 2024

Date Reported : Jun 20, 2024

Report Number : 2989622-2

Page 1 of 1

Sample Number 2451993-1
Sampled Date Jun 16, 2024 8:33 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 16, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 :

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

Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2451994

Date Received : Jun 17, 2024

Date Reported : Jun 20, 2024

Report Number : 2989623-1

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

Sample Number	2451994-1
Sampled Date	Jun 17, 2024 9:38 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jun 17, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	33.7	≤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)
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2451994

Date Received : Jun 17, 2024

Date Reported : Jun 20, 2024

Report Number : 2989623-2

Page 1 of 1

Sample Number 2451994-1
Sampled Date Jun 17, 2024 9:38 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 17, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2451995

Date Received : Jun 18, 2024

Date Reported : Jun 21, 2024

Report Number : 2989624-1

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

Sample Number	2451995-1
Sampled Date	Jun 18, 2024 9:28 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jun 18, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	34.6	≤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 :

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Technical Management

Chontichak

Chonticha Subongkoch

Scientist (3)

ทะเบียนเลขที่ ว-323-จ-9449

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: 2451995

Date Received : Jun 18, 2024

Date Reported : Jun 21, 2024

Report Number : 2989624-2

Page 1 of 1

Sample Number 2451995-1
Sampled Date Jun 18, 2024 9:28 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 18, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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)

Approved by

Chontichak

Chonticha Subongkoch
Scientist (3)

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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

TESTING
No.0042
Lot ID: 2451996
Date Received : Jun 19, 2024
Date Reported : Jun 21, 2024
Report Number : 2989625-1

Page 1 of 1

Sample Number 2451996-1
Sampled Date Jun 19, 2024 9:32 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 19, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	8.6	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 : Surawit Narapong ทะเบียนเลขที่ ว-323-จ-0011

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2451996

Date Received : Jun 19, 2024

Date Reported : Jun 21, 2024

Report Number : 2989625-2

Page 1 of 1

Sample Number 2451996-1
Sampled Date Jun 19, 2024 9:32 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 19, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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)

Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2451997

Date Received : Jun 20, 2024

Date Reported : Jun 22, 2024

Report Number : 2989626-1

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

Sample Number	2451997-1
Sampled Date	Jun 20, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jun 20, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	34.4	≤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)
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2451997

Date Received : Jun 20, 2024

Date Reported : Jun 22, 2024

Report Number : 2989626-2

Page 1 of 1

Sample Number : 2451997-1
Sampled Date : Jun 20, 2024 9:20 AM
Sample Description : Wastewater
Location : บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced : Jun 20, 2024
Condition of Sample : Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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)

Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2451998

Date Received : Jun 21, 2024

Date Reported : Jun 25, 2024

Report Number : 2989627-1

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

Sample Number	2451998-1
Sampled Date	Jun 21, 2024 9:26 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jun 21, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	8.5	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	-	-	34.9	≤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 :

- 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

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

Approved by

D. Changchon.

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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Analysis / Test Report

Client : 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: 2451998

Date Received : Jun 21, 2024

Date Reported : Jun 25, 2024

Report Number : 2989627-2

Page 1 of 1

Sample Number 2451998-1
Sampled Date Jun 21, 2024 9:26 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 21, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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)

Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2451999

Date Received : Jun 22, 2024

Date Reported : Jun 25, 2024

Report Number : 2989628-1

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

Sample Number	2451999-1
Sampled Date	Jun 22, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jun 22, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	33.0	≤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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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Technical Management

Chontichak

Chonticha Subongkoch

Scientist (3)

ทะเบียนเลขที่ ว-323-จ-9449

Approved by

D. Changchon

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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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: 2451999

Date Received : Jun 22, 2024

Date Reported : Jun 25, 2024

Report Number : 2989628-2

Page 1 of 1

Sample Number 2451999-1
Sampled Date Jun 22, 2024 9:15 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 22, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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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Approved by

Chontichak

Chonticha Subongkoch
Scientist (3)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2452000

Date Received : Jun 23, 2024

Date Reported : Jun 25, 2024

Report Number : 2989629-1

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

Sample Number	2452000-1
Sampled Date	Jun 23, 2024 9:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jun 23, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	32.7	≤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 : Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Chontichak

Chonticha Subongkoch

Scientist (3)

ทะเบียนเลขที่ ว-323-จ-9449

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: 2452000

Date Received : Jun 23, 2024

Date Reported : Jun 25, 2024

Report Number : 2989629-2

Page 1 of 1

Sample Number 2452000-1
Sampled Date Jun 23, 2024 9:00 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 23, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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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Approved by

Chontichak

Chonticha Subongkoch
Scientist (3)

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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: 2452001

Date Received : Jun 24, 2024

Date Reported : Jun 27, 2024

Report Number : 2989630-1

Page 1 of 1

Sample Number	2452001-1
Sampled Date	Jun 24, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jun 24, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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 : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

Remark :

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Technical Management

Chontichak

Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-จ-9449

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: 2452001

Date Received : Jun 24, 2024

Date Reported : Jun 27, 2024

Report Number : 2989630-2

Page 1 of 1

Sample Number : 2452001-1
Sampled Date : Jun 24, 2024 9:20 AM
Sample Description : Wastewater
Location : บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced : Jun 24, 2024
Condition of Sample : Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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
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Approved by

Chontichak

Chonticha Subongkoch
Scientist (3)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2452002

Date Received : Jun 25, 2024

Date Reported : Jun 28, 2024

Report Number : 2989632-1

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

Sample Number	2452002-1
Sampled Date	Jun 25, 2024 9:35 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jun 25, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	33.0	≤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 : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005

Remark :

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Technical Management

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

Approved by

D. Chumson.

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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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: 2452002

Date Received : Jun 25, 2024

Date Reported : Jun 28, 2024

Report Number : 2989632-2

Page 1 of 1

Sample Number 2452002-1
Sampled Date Jun 25, 2024 9:35 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 25, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 :

- LOD : Limit of Detection
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Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2452003

Date Received : Jun 26, 2024

Date Reported : Jun 28, 2024

Report Number : 2989634-1

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

Sample Number	2452003-1
Sampled Date	Jun 26, 2024
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jun 26, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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).

Remark :

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

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

Approved by

D. Changchon.

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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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: 2452003

Date Received : Jun 26, 2024

Date Reported : Jun 28, 2024

Report Number : 2989634-2

Page 1 of 1

Sample Number : 2452003-1
Sampled Date : Jun 26, 2024
Sample Description : Wastewater
Location : บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced : Jun 26, 2024
Condition of Sample : Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and 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)

Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2452004

Date Received : Jun 27, 2024

Date Reported : Jun 28, 2024

Report Number : 2989635-1

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

Sample Number	2452004-1
Sampled Date	Jun 27, 2024 8:50 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jun 27, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	31.2	≤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)
- 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

Chontichak

Chonticha Subongkoch

Scientist (3)

ทะเบียนเลขที่ ว-323-จ-9449

Approved by

D. Changchon

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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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: 2452004

Date Received : Jun 27, 2024

Date Reported : Jun 28, 2024

Report Number : 2989635-2

Page 1 of 1

Sample Number 2452004-1
Sampled Date Jun 27, 2024 8:50 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 27, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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 :

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

Approved by

Chontichak

Chonticha Subongkoch
Scientist (3)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2452005

Date Received : Jun 28, 2024

Date Reported : Jul 02, 2024

Report Number : 2989636-1

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

Sample Number	2452005-1
Sampled Date	Jun 28, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jun 28, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	33.9	≤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)
- 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

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2452005

Date Received : Jun 28, 2024

Date Reported : Jul 02, 2024

Report Number : 2989636-2

Page 1 of 1

Sample Number 2452005-1
Sampled Date Jun 28, 2024 9:10 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jun 28, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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)

Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2452006

Date Received : Jun 29, 2024

Date Reported : Jul 03, 2024

Report Number : 2989637-1

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

Sample Number	2452006-1
Sampled Date	Jun 29, 2024 10:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jun 29, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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	-	-	33.0	≤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 :

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Technical Management

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

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: 2452006

Date Received : Jun 29, 2024

Date Reported : Jul 03, 2024

Report Number : 2989637-2

Page 1 of 1

Sample Number : 2452006-1
Sampled Date : Jun 29, 2024 10:00 AM
Sample Description : Wastewater
Location : บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced : Jun 29, 2024
Condition of Sample : Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2452007

Date Received : Jun 30, 2024

Date Reported : Jul 03, 2024

Report Number : 2989638-1

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

Sample Number	2452007-1
Sampled Date	Jun 30, 2024 9:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jun 30, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
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 : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476

Remark :

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Technical Management

Chontichak

Chonticha Subongkoch

Scientist (3)

ทะเบียนเลขที่ ว-323-จ-9449

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: 2452007

Date Received : Jun 30, 2024

Date Reported : Jul 03, 2024

Report Number : 2989638-2

Page 1 of 1

Sample Number : 2452007-1
Sampled Date : Jun 30, 2024 9:45 AM
Sample Description : Wastewater
Location : บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced : Jun 30, 2024
Condition of Sample : Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	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 (G)	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and 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

Chontichak

Chonticha Subongkoch
Scientist (3)

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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

TESTING

No.0042

Lot ID: 23147451

Date Received : Jan 09, 2024

Date Reported : Jan 16, 2024

Report Number : 2872757-1

Page 1 of 4

Sample Number	23147451-1					
Sampled Date	Jan 09, 2024 9:20 AM					
Sample Description	Surface water					
Location	คลองห้วยใหญ่ก่อนไหลผ่านพื้นที่ 500 เมตร					
Date Analysis Commenced	Jan 09, 2024					
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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	9.9	≥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		-	-	7.0	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	27.1	n ¹	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	78	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)

n¹: Change from Natural condition not more than 3 degree C

Sampling By : Chainusorn Lertnanthakunchai

Remark :

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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 :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 23147451

Date Received : Jan 09, 2024

Date Reported : Jan 16, 2024

Report Number : 2872757-1

Page 2 of 4

Sample Number	23147451-2						
Sampled Date	Jan 09, 2024 9:15 AM						
Sample Description	Surface water						
Location	คลองห้วยใหญ่จุดระบายน้ำทิ้ง						
Date Analysis Commenced	Jan 09, 2024						
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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.3	≥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		-	-	7.0	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	26.8	n ¹	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	92	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)

n¹: Change from Natural condition not more than 3 degree C

Sampling By : Chainusorn Lertnanthakunchai

Remark :

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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 :

Project Name : Monitoring

Project Location : CUP 2

TESTING

No.0042

Lot ID: 23147451

Date Received : Jan 09, 2024

Date Reported : Jan 16, 2024

Report Number : 2872757-1

Page 3 of 4

Sample Number	23147451-3						
Sampled Date	Jan 09, 2024 9:10 AM						
Sample Description	Surface water						
Location	คลองห้วยใหญ่จุดระบายน้ำทั้ง 500 เมตร						
Date Analysis Commenced	Jan 09, 2024						
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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.1	≥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		-	-	7.3	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	27.8	n ¹	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	262	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)

n¹: Change from Natural condition not more than 3 degree C

Sampling By : Chainusorn Lertnanthakunchai

Remark :

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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 :

Project Name : Monitoring

Project Location : CUP 2

TESTING

No.0042

Lot ID: 23147451

Date Received : Jan 09, 2024

Date Reported : Jan 16, 2024

Report Number : 2872757-1

Page 4 of 4

Sample Number	23147451-4						
Sampled Date	Jan 09, 2024 9:57 AM						
Sample Description	Surface water						
Location	คลองห้วยใหญ่หลังจุดระบายน้ำทั้ง 2,000 เมตร						
Date Analysis Commenced	Jan 09, 2024						
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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	9.1	≥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		-	-	7.8	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	29.7	n ¹	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	1420	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)

n¹: Change from Natural condition not more than 3 degree C

Sampling By : Chainusorn Lertnanthakunchai

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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

TESTING

No.0042

Lot ID: 2412697

Date Received : Feb 13, 2024

Date Reported : Feb 20, 2024

Report Number : 2900034-1

Page 1 of 4

Sample Number	2412697-1						
Sampled Date	Feb 13, 2024 9:15 AM						
Sample Description	Surface water						
Location	คลองห้วยใหญ่ก่อนไหลผ่านพื้นที่ 500 เมตร						
Date Analysis Commenced	Feb 13, 2024						
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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.3	≥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		-	-	6.7	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	26.4	n ¹	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	97	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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n¹: Change from Natural condition not more than 3 degree C

Sampling By : Chainusorn Lertnanthakunchai

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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

TESTING

No.0042

Lot ID: 2412697

Date Received : Feb 13, 2024

Date Reported : Feb 20, 2024

Report Number : 2900034-1

Page 2 of 4

Sample Number	2412697-2						
Sampled Date	Feb 13, 2024 9:08 AM						
Sample Description	Surface water						
Location	คลองห้วยใหญ่จุดระบายน้ำทิ้ง						
Date Analysis Commenced	Feb 13, 2024						
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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.3	≥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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	26.4	n ¹	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	208	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)

n¹: Change from Natural condition not more than 3 degree C

Sampling By : Chainusorn Lertnanthakunchai

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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

TESTING

No.0042

Lot ID: 2412697

Date Received : Feb 13, 2024

Date Reported : Feb 20, 2024

Report Number : 2900034-1

Page 3 of 4

Sample Number	2412697-3
Sampled Date	Feb 13, 2024 9:00 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่จุดระบายน้ำทั้ง 500 เมตร
Date Analysis Commenced	Feb 13, 2024
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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	26.9	n ¹	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	320	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 : Chainusorn Lertnanthakunchai

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P/O :

Project Name : Monitoring

Project Location : CUP 2

TESTING

No.0042

Lot ID: 2412697

Date Received : Feb 13, 2024

Date Reported : Feb 20, 2024

Report Number : 2900034-1

Page 4 of 4

Sample Number	2412697-4						
Sampled Date	Feb 13, 2024 9:50 AM						
Sample Description	Surface water						
Location	คลองห้วยใหญ่หลังจตุรบานน้ำทั้ง 2,000 เมตร						
Date Analysis Commenced	Feb 13, 2024						
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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.3	≥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		-	-	7.7	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	27.9	n ¹	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	1330	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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n¹: Change from Natural condition not more than 3 degree C

Sampling By : Chainusorn Lertnanthakunchai

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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

TESTING

No.0042

Lot ID: 2424267

Date Received : Mar 26, 2024

Date Reported : Apr 02, 2024

Report Number : 2923732-1

Page 1 of 4

Sample Number	2424267-1						
Sampled Date	Mar 26, 2024 9:10 AM						
Sample Description	Surface water						
Location	คลองห้วยใหญ่ก่อนไหลผ่านพื้นที่ 500 เมตร						
Date Analysis Commenced	Mar 26, 2024						
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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	4.9	≥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		-	-	6.8	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	29.5	n ¹	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	119	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)

n¹: Change from Natural condition not more than 3 degree C

Sampling By : Chainusorn Lertnanthakunchai

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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

TESTING

No.0042

Lot ID: 2424267

Date Received : Mar 26, 2024

Date Reported : Apr 02, 2024

Report Number : 2923732-1

Page 2 of 4

Sample Number	2424267-2
Sampled Date	Mar 26, 2024 9:00 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่จุดระบายน้ำทิ้ง
Date Analysis Commenced	Mar 26, 2024
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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	4.6	≥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		-	-	7.2	5.0-9.0	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	n ¹	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	190	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)

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Sampling By : Chainusorn Lertnanthakunchai

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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

TESTING

No.0042

Lot ID: 2424267

Date Received : Mar 26, 2024

Date Reported : Apr 02, 2024

Report Number : 2923732-1

Page 3 of 4

Sample Number	2424267-3
Sampled Date	Mar 26, 2024 8:55 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่จุดระบายน้ำทั้ง 500 เมตร
Date Analysis Commenced	Mar 26, 2024
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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	2.6	≥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		-	-	7.3	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	30.4	n ¹	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	336	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)

n¹: Change from Natural condition not more than 3 degree C

Sampling By : Chainusorn Lertnanthakunchai

Remark :

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

N. Banchongkit

Narumon Banchongkit
Supervisor

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2424267

Date Received : Mar 26, 2024

Date Reported : Apr 02, 2024

Report Number : 2923732-1

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 4 of 4

Sample Number	2424267-4						
Sampled Date	Mar 26, 2024 9:35 AM						
Sample Description	Surface water						
Location	คลองห้วยใหญ่หลังจุดระบายน้ำทั้ง 2,000 เมตร						
Date Analysis Commenced	Mar 26, 2024						
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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	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		-	-	7.7	5.0-9.0	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	n ¹	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	1090	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)

n¹: Change from Natural condition not more than 3 degree C

Sampling By : Chainusorn Lertnanthakunchai

Remark :

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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 :

Project Name : Monitoring

Project Location: CUP 2

TESTING

No.0042

Lot ID: 2436481

Date Received : Apr 09, 2024

Date Reported : Apr 19, 2024

Report Number : 2951270-1

Page 1 of 4

Sample Number	2436481-1					
Sampled Date	Apr 09, 2024 9:20 AM					
Sample Description	Surface water					
Location	คลองห้วยใหญ่ก่อนไหลผ่านพื้นที่ 500 เมตร					
Date Analysis Commenced	Apr 09, 2024					
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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	4.2	≥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		-	-	7.2	5.0-9.0	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	n ¹	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	105	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)

n¹: Change from Natural condition not more than 3 degree C

Sampling By : Chainusorn Lertnanthakunchai

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Narumon Banchongkit
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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

TESTING

No.0042

Lot ID: 2436481

Date Received : Apr 09, 2024

Date Reported : Apr 19, 2024

Report Number : 2951270-1

Page 2 of 4

Sample Number	2436481-2						
Sampled Date	Apr 09, 2024 9:13 AM						
Sample Description	Surface water						
Location	คลองห้วยใหญ่จุดระบายน้ำทิ้ง						
Date Analysis Commenced	Apr 09, 2024						
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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	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		-	-	7.3	5.0-9.0	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	n ¹	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	146	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)

n¹: Change from Natural condition not more than 3 degree C

Sampling By : Chainusorn Lertnanthakunchai

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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

TESTING

No.0042

Lot ID: 2436481

Date Received : Apr 09, 2024

Date Reported : Apr 19, 2024

Report Number : 2951270-1

Page 3 of 4

Sample Number	2436481-3
Sampled Date	Apr 09, 2024 9:07 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่จุดระบายน้ำทั้ง 500 เมตร
Date Analysis Commenced	Apr 09, 2024
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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	2.7	≥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		-	-	7.4	5.0-9.0	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	n ¹	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	384	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)

n¹: Change from Natural condition not more than 3 degree C

Sampling By : Chainusorn Lertnanthakunchai

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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

TESTING

No.0042

Lot ID: 2436481

Date Received : Apr 09, 2024

Date Reported : Apr 19, 2024

Report Number : 2951270-1

Page 4 of 4

Sample Number	2436481-4						
Sampled Date	Apr 09, 2024 9:55 AM						
Sample Description	Surface water						
Location	คลองห้วยใหญ่หลังจุดระบายน้ำทั้ง 2,000 เมตร						
Date Analysis Commenced	Apr 09, 2024						
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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	6.5	≥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		-	-	7.8	5.0-9.0	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	n ¹	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	588	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)

n¹: Change from Natural condition not more than 3 degree C

Sampling By : Chainusorn Lertnanthakunchai

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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

TESTING
No.0042
Lot ID: 2447557
Date Received : May 29, 2024
Date Reported : Jun 05, 2024
Report Number : 2976950-1

Page 1 of 4

Sample Number 2447557-1
Sampled Date May 29, 2024 9:20 AM
Sample Description Surface water
Location คลองห้วยใหญ่ก่อนไหลผ่านพื้นที่ 500 เมตร
Date Analysis Commenced May 29, 2024
Condition of Sample Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 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 (G)	Rayong
pH at 25 degree C		-	-	6.5	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.1	n'	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	142	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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Approved by

Photchana S.

Photchana Seeda
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

TESTING
No.0042

Lot ID: 2447557

Date Received : May 29, 2024

Date Reported : Jun 05, 2024

Report Number : 2976950-1

Page 2 of 4

Sample Number 2447557-2
Sampled Date May 29, 2024 9:15 AM
Sample Description Surface water
Location คลองห้วยใหญ่จุดระบายน้ำทิ้ง
Date Analysis Commenced May 29, 2024
Condition of Sample Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	4.9	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong
pH at 25 degree C		-	-	6.8	5.0-9.0	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	n'	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	117	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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Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2447557

Date Received : May 29, 2024

Date Reported : Jun 05, 2024

Report Number : 2976950-1

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

Sample Number	2447557-3
Sampled Date	May 29, 2024 9:10 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่จุดระบายน้ำทั้ง 500 เมตร
Date Analysis Commenced	May 29, 2024
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	4.1	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong
pH at 25 degree C		-	-	7.1	5.0-9.0	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	n'	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	214	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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Photchana S.

Photchana Seeda
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

TESTING
No.0042

Lot ID: 2447557

Date Received : May 29, 2024

Date Reported : Jun 05, 2024

Report Number : 2976950-1

Page 4 of 4

Sample Number 2447557-4
Sampled Date May 29, 2024 9:45 AM
Sample Description Surface water
Location คลองห้วยใหญ่หลังจุดระบายน้ำทั้ง 2,000 เมตร
Date Analysis Commenced May 29, 2024
Condition of Sample Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	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 (G)	Rayong
pH at 25 degree C		-	-	7.5	5.0-9.0	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	n'	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	988	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 :

- 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

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2451969

Date Received : Jun 18, 2024

Date Reported : Jun 28, 2024

Report Number : 2986551-1

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	2451969-1
Sampled Date	Jun 18, 2024 2:48 PM
Sample Description	Surface water
Location	คลองห้วยใหญ่ก่อนไหลผ่านพื้นที่ 500 เมตร
Date Analysis Commenced	Jun 18, 2024
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	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 (G)	Rayong
pH at 25 degree C		-	-	6.5	5.0-9.0	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	n'	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	113	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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Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2451969

Date Received : Jun 18, 2024

Date Reported : Jun 28, 2024

Report Number : 2986551-1

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

Sample Number	2451969-2
Sampled Date	Jun 18, 2024 3:10 PM
Sample Description	Surface water
Location	คลองห้วยใหญ่จุดระบายน้ำทิ้ง
Date Analysis Commenced	Jun 18, 2024
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	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 (G)	Rayong
pH at 25 degree C		-	-	6.9	5.0-9.0	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	n'	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	192	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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Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2451969

Date Received : Jun 18, 2024

Date Reported : Jun 28, 2024

Report Number : 2986551-1

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

Sample Number	2451969-3
Sampled Date	Jun 18, 2024 2:40 PM
Sample Description	Surface water
Location	คลองห้วยใหญ่จุดระบายน้ำทั้ง 500 เมตร
Date Analysis Commenced	Jun 18, 2024
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	4.6	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong
pH at 25 degree C		-	-	7.0	5.0-9.0	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	n'	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	286	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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Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2451969

Date Received : Jun 18, 2024

Date Reported : Jun 28, 2024

Report Number : 2986551-1

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

Sample Number	2451969-4
Sampled Date	Jun 18, 2024 2:56 PM
Sample Description	Surface water
Location	คลองห้วยใหญ่หลังจุดระบายน้ำทิ้ง 2,000 เมตร
Date Analysis Commenced	Jun 18, 2024
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	7.9	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong
pH at 25 degree C		-	-	7.4	5.0-9.0	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	n'	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	440	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)
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Photchana Seeda
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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: 2424242

Date Received : Mar 13, 2024

Date Reported : Mar 15, 2024

Report Number: 2923718-1

Page 1 of 6

Sample Number 2424242-1
Parameter Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)
Measurement Date Mar 13, 2024
Measurement by Chanon Booncheun
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
Auxiliary Boiler	120	27.7	25.9	32.1	31.6
Average (WBGT)		27.7			
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

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: 2424242

Date Received : Mar 13, 2024

Date Reported : Mar 15, 2024

Report Number: 2923718-1

Page 2 of 6

Sample Number 2424242-2
Parameter Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)
Measurement Date Mar 13, 2024
Measurement by Chanon Booncheun
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
HRSG # 1	120	30.0	28.4	33.6	33.5
Average (WBGT)		30.0			
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


Supot Salamteh
Section Head

Approved by


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Assistant Manager

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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: 2424242

Date Received : Mar 13, 2024

Date Reported : Mar 15, 2024

Report Number: 2923718-1

Page 3 of 6

Sample Number 2424242-3
Parameter Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)
Measurement Date Mar 13, 2024
Measurement by Chanon Booncheun
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
HRSG # 2	120	27.8	26.1	31.9	31.5
Average (WBGT)		27.8			
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


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21150

P/O :

Project Name : Monitoring

Project Location : CUP 2

Lot ID: 2424242

Date Received : Mar 13, 2024

Date Reported : Mar 15, 2024

Report Number: 2923718-1

Page 4 of 6

Sample Number 2424242-4
Parameter Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)
Measurement Date Mar 13, 2024
Measurement by Chanon Booncheun
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
GTG # 1	120	28.0	26.2	32.1	32.0
Average (WBGT)		28.0			
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

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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: 2424242

Date Received : Mar 13, 2024

Date Reported : Mar 15, 2024

Report Number: 2923718-1

Page 5 of 6

Sample Number 2424242-5
Parameter Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)
Measurement Date Mar 13, 2024
Measurement by Chanon Booncheun
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
GTG # 2	120	28.6	25.5	36.0	35.1
Average (WBGT)		28.6			
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

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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: 2424242

Date Received : Mar 13, 2024

Date Reported : Mar 15, 2024

Report Number: 2923718-1

Page 6 of 6

Sample Number 2424242-6
Parameter Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)
Measurement Date Mar 13, 2024
Measurement by Chanon Booncheun
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
STG # 1	120	27.8	26.3	31.4	31.3
Average (WBGT)		27.8			
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

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